

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025541.D
 Acq On : 21 Aug 2025 15:37
 Operator : CG/JU
 Sample : Q2820-15 2X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 10P-S

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025541.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.037	12	17	27	rVB	984235	1228689	19.98%	1.089%
2	3.454	84	88	97	rVB	85935	111464	1.81%	0.099%
3	4.943	336	341	352	rBV	178769	254705	4.14%	0.226%
4	5.401	412	419	432	rBV	1664010	2509124	40.80%	2.225%
5	6.090	529	536	544	rBV4	86362	214597	3.49%	0.190%
6	6.213	550	557	563	rVB	81341	161158	2.62%	0.143%
7	6.301	566	572	578	rBV	103304	161222	2.62%	0.143%
8	6.372	578	584	588	rBV	238363	355923	5.79%	0.316%
9	6.484	595	603	612	rVB	334761	616182	10.02%	0.546%
10	6.566	613	617	623	rVB3	77619	137898	2.24%	0.122%
11	6.631	623	628	633	rBV4	77404	127101	2.07%	0.113%
12	6.690	633	638	646	rBV3	220706	538436	8.76%	0.477%
13	6.766	646	651	653	rBV2	94517	137266	2.23%	0.122%
14	6.801	653	657	662	rVB	233693	318891	5.19%	0.283%
15	6.854	662	666	670	rVB	236816	325138	5.29%	0.288%
16	6.901	670	674	677	rBV3	152619	204830	3.33%	0.182%
17	6.966	677	685	692	rBV	1928631	3424943	55.69%	3.037%
18	7.131	708	713	719	rVB4	143031	306109	4.98%	0.271%
19	7.190	719	723	726	rBV4	96528	137107	2.23%	0.122%
20	7.254	726	734	736	rBV3	169656	317953	5.17%	0.282%
21	7.284	736	739	747	rVB2	224171	464539	7.55%	0.412%
22	7.360	747	752	757	rBV4	166219	301517	4.90%	0.267%
23	7.419	757	762	766	rBV	718209	963795	15.67%	0.854%
24	7.519	775	779	784	rBV3	109371	196639	3.20%	0.174%
25	7.601	789	793	795	rBV2	310898	432920	7.04%	0.384%
26	7.713	803	812	817	rBV5	536407	1687100	27.43%	1.496%
27	7.778	817	823	830	rVB2	2110900	4240825	68.96%	3.760%
28	7.866	831	838	843	rVB2	643484	1281465	20.84%	1.136%
29	7.937	843	850	852	rBV5	226330	494624	8.04%	0.439%
30	7.978	852	857	861	rVB2	887516	1241580	20.19%	1.101%
31	8.048	861	869	872	rBV	525642	1013614	16.48%	0.899%
32	8.142	881	885	888	rBV	196365	324669	5.28%	0.288%
33	8.219	894	898	906	rVB2	459462	858361	13.96%	0.761%
34	8.313	906	914	917	rBV2	893784	1700661	27.65%	1.508%
35	8.372	921	924	930	rVB	908355	1390216	22.61%	1.233%
36	8.448	931	937	941	rBV	1100575	1829545	29.75%	1.622%

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.548	947	954	962	rBV	1226312	2234264	36.33%	1.981%
38	8.613	962	965	968	rBV	146463	214608	3.49%	0.190%
39	8.772	986	992	996	rBV5	156424	410091	6.67%	0.364%
40	8.854	1001	1006	1007	rBV2	490264	596126	9.69%	0.529%
41	8.889	1008	1012	1015	rVV2	865662	1507341	24.51%	1.336%
42	8.925	1015	1018	1023	rVB	961100	1382656	22.48%	1.226%
43	9.007	1023	1032	1037	rBV	2989850	5168216	84.04%	4.582%
44	9.095	1043	1047	1050	rBV2	705623	1186004	19.28%	1.052%
45	9.137	1050	1054	1059	rVV3	777512	1563070	25.42%	1.386%
46	9.207	1062	1066	1068	rVV3	323614	585914	9.53%	0.519%
47	9.254	1068	1074	1080	rVB4	748403	1886015	30.67%	1.672%
48	9.419	1097	1102	1109	rBV2	910918	1794352	29.18%	1.591%
49	9.495	1109	1115	1119	rVV4	524853	1009750	16.42%	0.895%
50	9.537	1119	1122	1128	rVB	338905	489924	7.97%	0.434%
51	9.654	1134	1142	1145	rBV2	533351	1052960	17.12%	0.934%
52	9.695	1145	1149	1154	rVV2	667841	1162707	18.91%	1.031%
53	9.748	1154	1158	1166	rVV3	800925	1426568	23.20%	1.265%
54	9.831	1166	1172	1173	rVV	603063	999304	16.25%	0.886%
55	9.848	1173	1175	1179	rVV	764525	887368	14.43%	0.787%
56	9.913	1179	1186	1192	rVB2	855364	1506943	24.50%	1.336%
57	9.995	1194	1200	1209	rVB2	981640	2055052	33.42%	1.822%
58	10.095	1209	1217	1222	rBV2	736367	1152847	18.75%	1.022%
59	10.154	1222	1227	1236	rVB4	281504	674943	10.97%	0.598%
60	10.272	1242	1247	1248	rBV3	135882	218499	3.55%	0.194%
61	10.301	1248	1252	1256	rVV3	257136	421795	6.86%	0.374%
62	10.348	1256	1260	1264	rVB4	178929	274201	4.46%	0.243%
63	10.425	1269	1273	1276	rBV3	247409	433182	7.04%	0.384%
64	10.536	1286	1292	1305	rVB2	2622902	5776223	93.92%	5.121%
65	10.683	1312	1317	1319	rBV4	238808	407124	6.62%	0.361%
66	10.719	1319	1323	1329	rVV	1335441	2036902	33.12%	1.806%
67	10.783	1330	1334	1339	rVV2	285911	585889	9.53%	0.519%
68	10.842	1342	1344	1351	rVB4	230929	402708	6.55%	0.357%
69	10.966	1357	1365	1374	rVV9	143265	441552	7.18%	0.391%
70	11.054	1375	1380	1386	rVV3	328352	578784	9.41%	0.513%
71	11.113	1387	1390	1397	rVB4	134844	256765	4.18%	0.228%
72	11.260	1404	1415	1422	rVV4	492525	1471443	23.93%	1.305%
73	11.319	1422	1425	1431	rVV2	246552	447025	7.27%	0.396%
74	11.389	1433	1437	1444	rVV2	313109	604882	9.84%	0.536%
75	11.472	1447	1451	1459	rVB2	347023	673086	10.94%	0.597%
76	11.583	1464	1470	1474	rBV	762372	1314551	21.38%	1.165%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.742	1494	1497	1505	rVB5	86166	173321	2.82%	0.154%
78	11.842	1510	1514	1519	rVB3	153098	250737	4.08%	0.222%
79	11.978	1531	1537	1548	rBV	827059	1308388	21.27%	1.160%
80	12.666	1649	1654	1660	rVB4	77944	144517	2.35%	0.128%
81	12.936	1696	1700	1705	rVB	168149	242651	3.95%	0.215%
82	13.007	1706	1712	1720	rBV	2257230	3209897	52.19%	2.846%
83	13.225	1742	1749	1757	rBV2	189183	322231	5.24%	0.286%
84	14.395	1940	1948	1955	rVV	1351665	2083493	33.88%	1.847%
85	15.777	2178	2183	2192	rVB	265689	416493	6.77%	0.369%
86	15.913	2200	2206	2216	rBV	1393222	2211588	35.96%	1.961%
87	16.177	2243	2251	2259	rVB4	65423	143265	2.33%	0.127%
88	17.201	2419	2425	2436	rVB2	1344437	2193817	35.67%	1.945%
89	18.136	2580	2584	2593	rBV	1121408	1672546	27.20%	1.483%
90	18.589	2658	2661	2666	rVB	134382	199168	3.24%	0.177%
91	19.348	2780	2790	2807	rBV	2235252	6149912	100.00%	5.452%
92	19.477	2807	2812	2820	rVV	1379047	2159746	35.12%	1.915%
93	19.677	2843	2846	2850	rBV	638182	639241	10.39%	0.567%
94	19.918	2883	2887	2892	rBV	3073337	3910953	63.59%	3.467%
95	20.706	3018	3021	3025	rVB	214237	326508	5.31%	0.289%
96	21.124	3088	3092	3098	rBV2	421855	630052	10.24%	0.559%
97	21.265	3112	3116	3122	rBV	630316	964176	15.68%	0.855%
98	21.583	3166	3170	3175	rBV3	331660	545148	8.86%	0.483%
99	21.654	3176	3182	3188	rVV	1450386	2555342	41.55%	2.266%
100	25.030	3751	3756	3768	rVB2	1094011	3035534	49.36%	2.691%

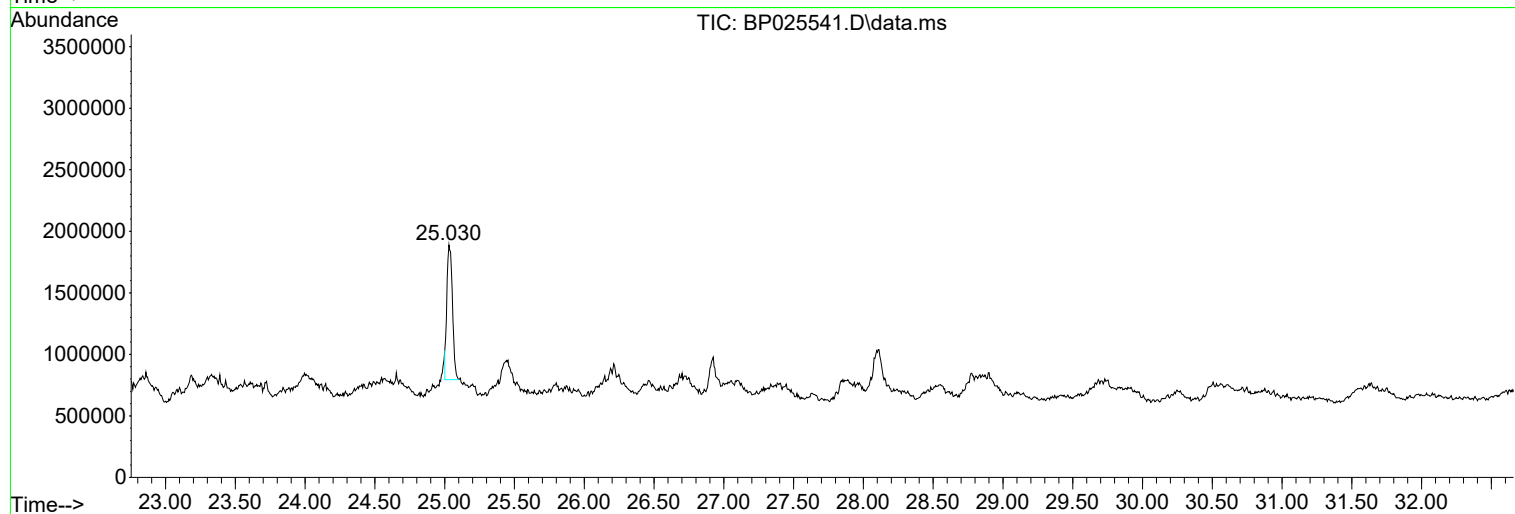
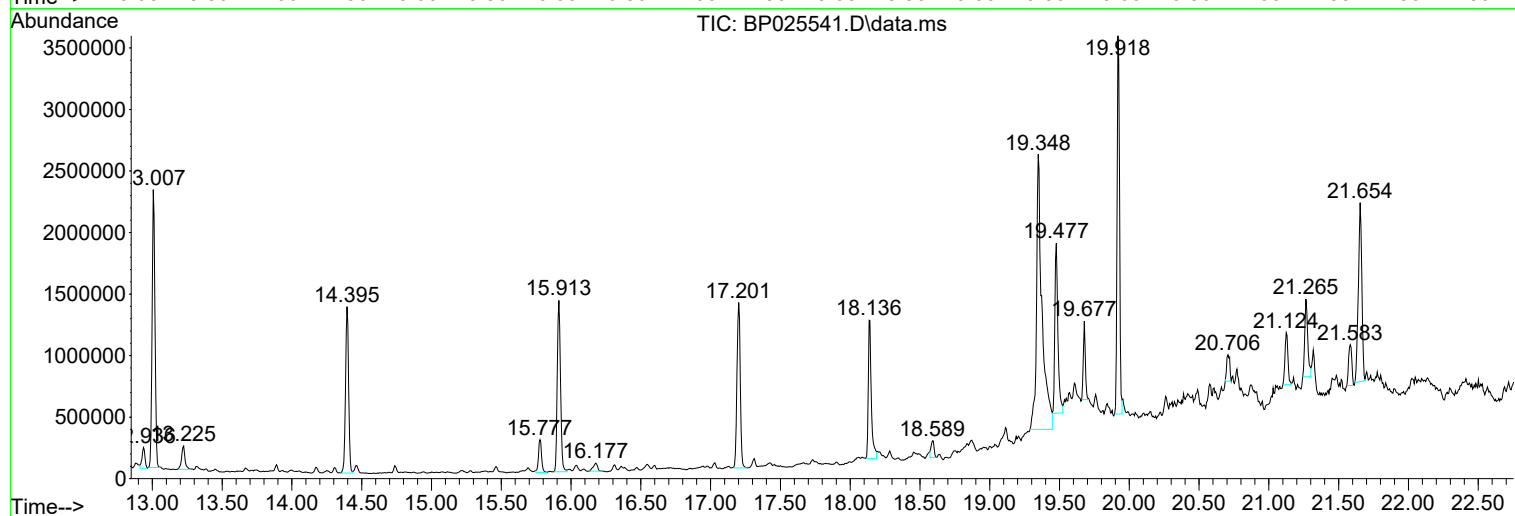
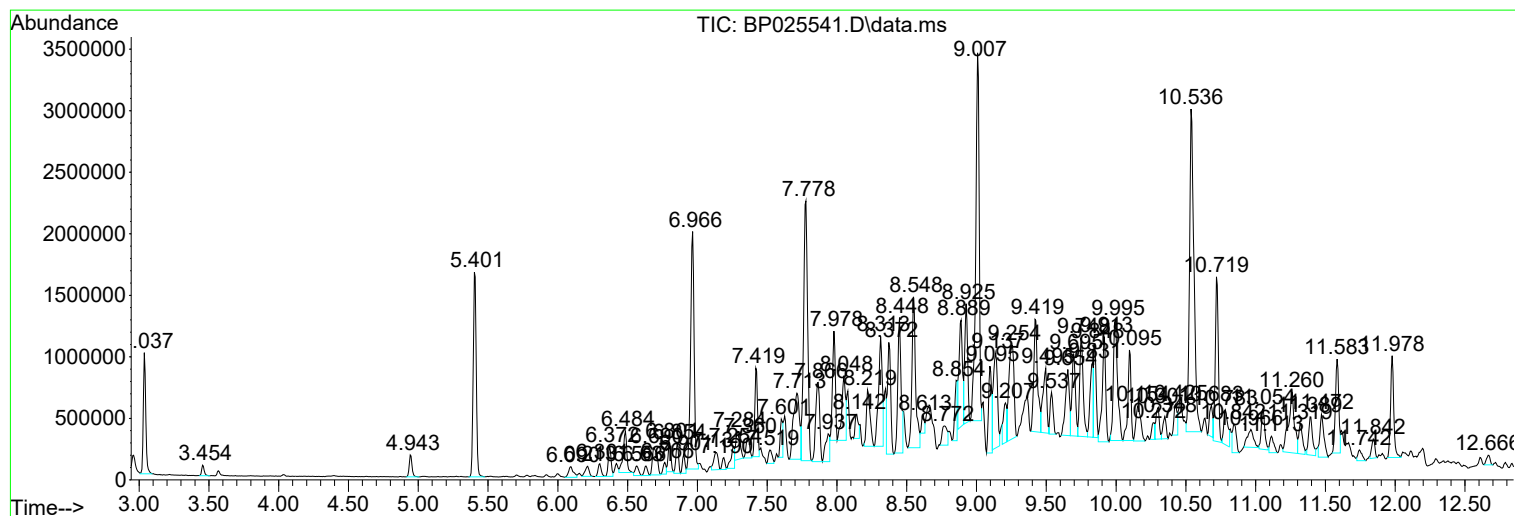
Sum of corrected areas: 112791164

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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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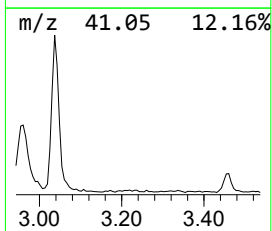
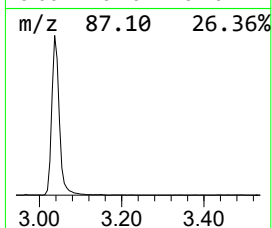
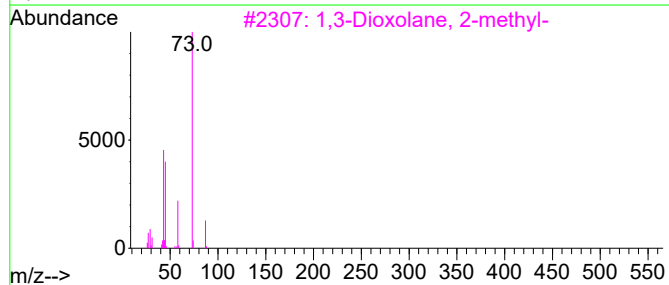
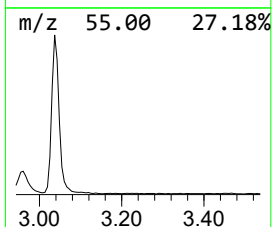
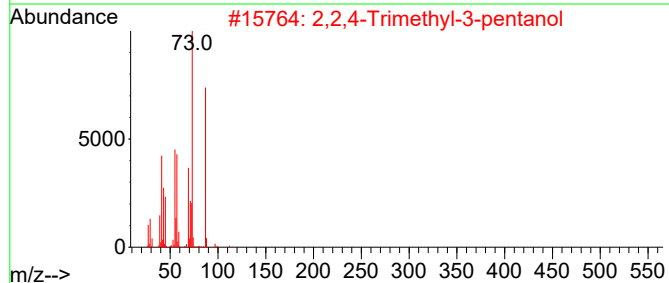
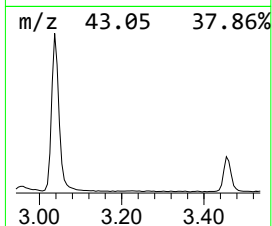
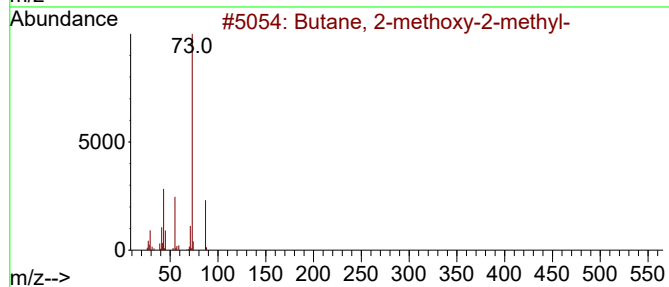
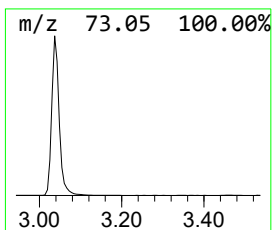
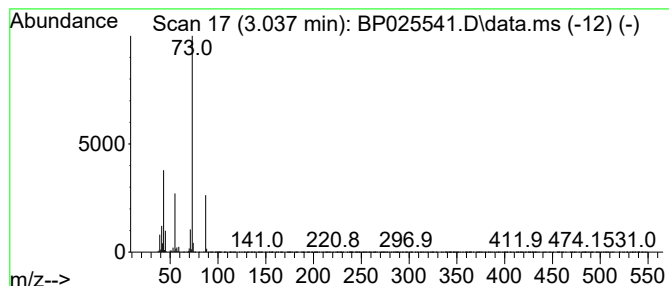
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.037	5.79 ng	1228690	1,4-Dichlorobenzene-d4	7.784

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5			1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	17



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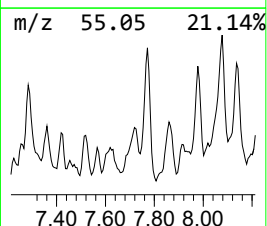
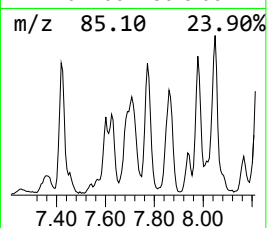
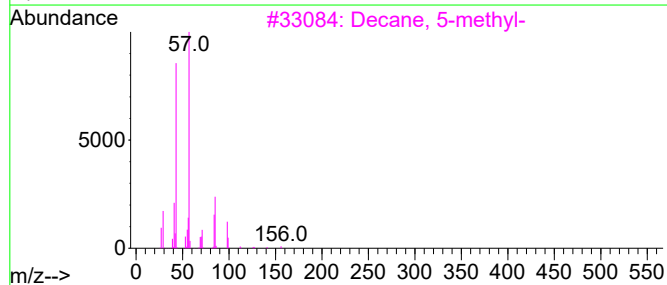
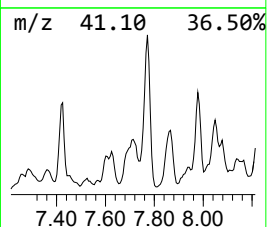
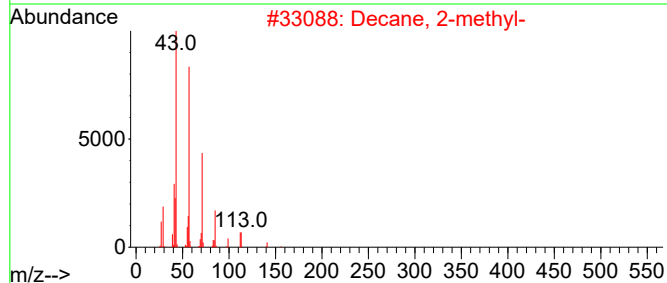
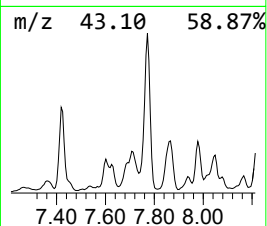
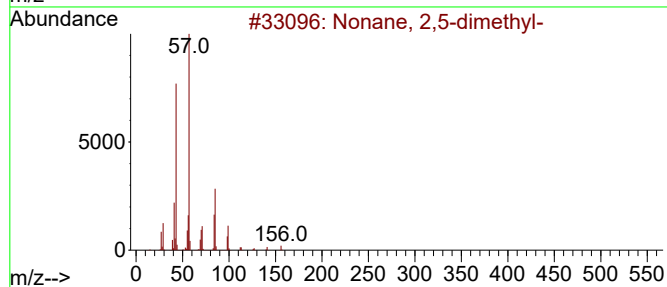
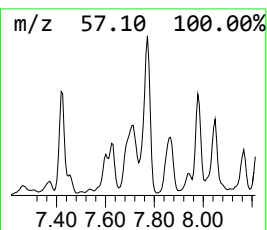
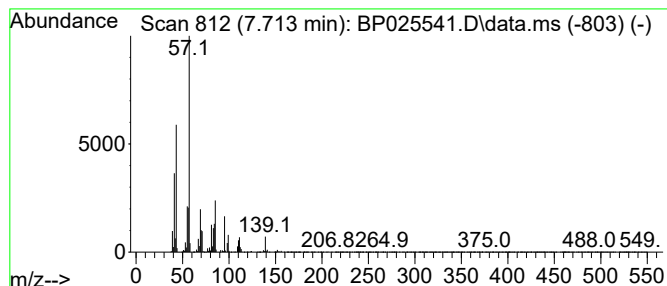
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Nonane, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.713	7.96 ng	1687100	1,4-Dichlorobenzene-d4	7.784

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	50
2			Decane, 2-methyl-	156	C11H24	006975-98-0	50
3			Decane, 5-methyl-	156	C11H24	013151-35-4	47
4			Hexane, 3-ethyl-3-methyl-	128	C9H20	003074-76-8	47
5			Oxalic acid, isobutyl hexyl ester	230	C12H22O4	1000309-37-1	43



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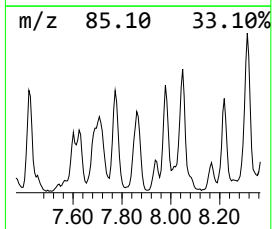
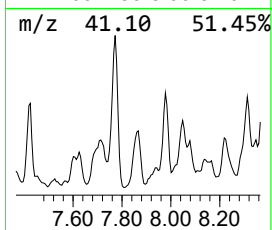
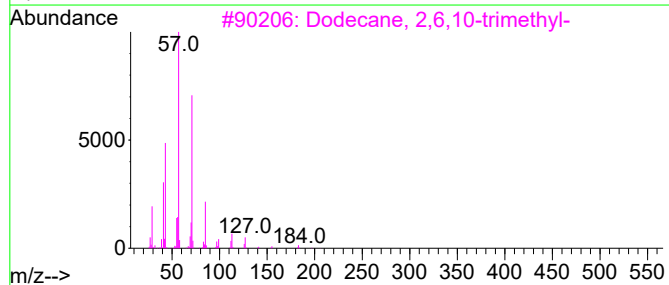
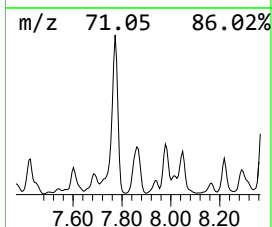
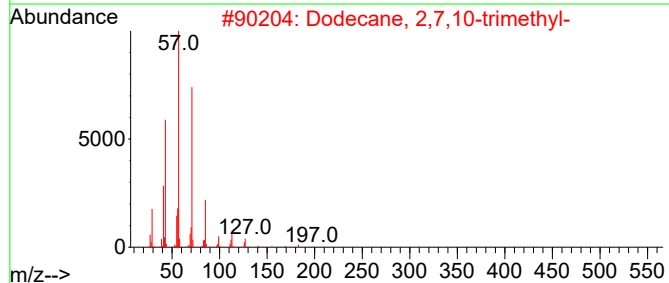
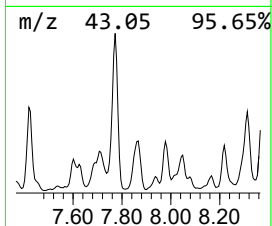
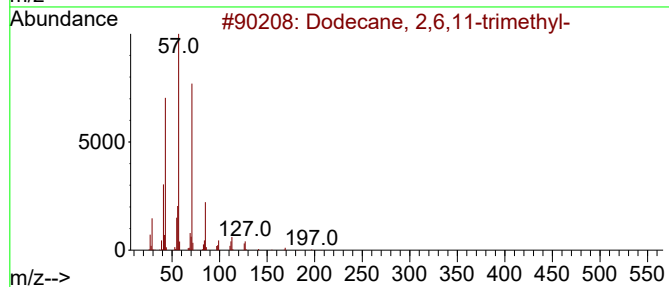
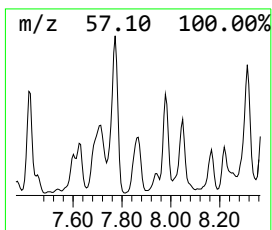
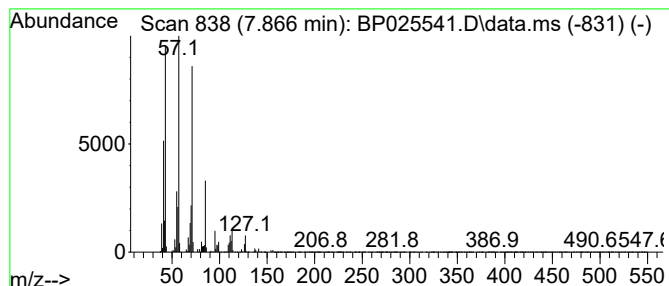
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Dodecane, 2,6,11-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.866	6.04 ng	1281470	1,4-Dichlorobenzene-d4	7.784

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
4			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72
5			Decane, 2-methyl-	156	C11H24	006975-98-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025541.D
Acq On : 21 Aug 2025 15:37
Operator : CG/JU
Sample : Q2820-15 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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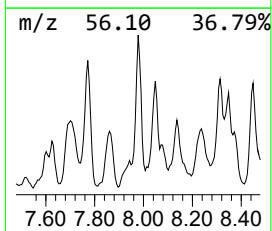
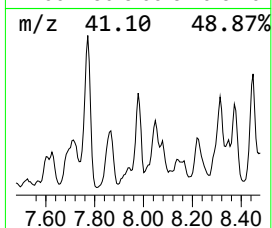
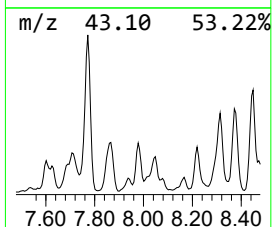
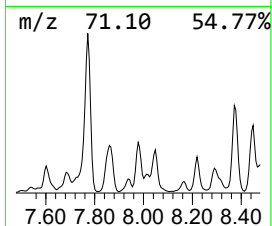
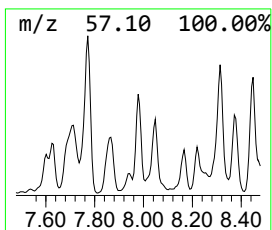
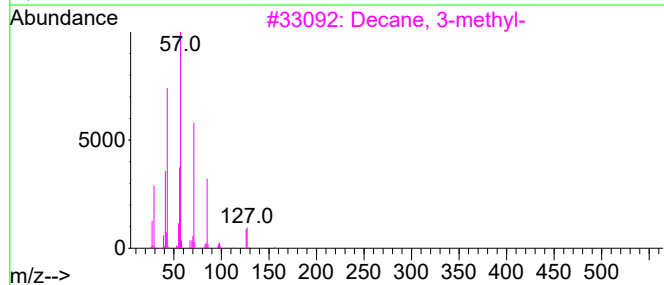
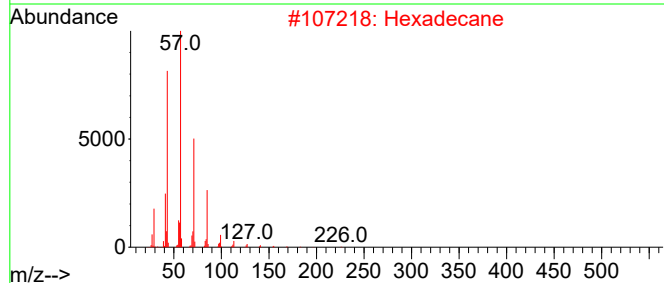
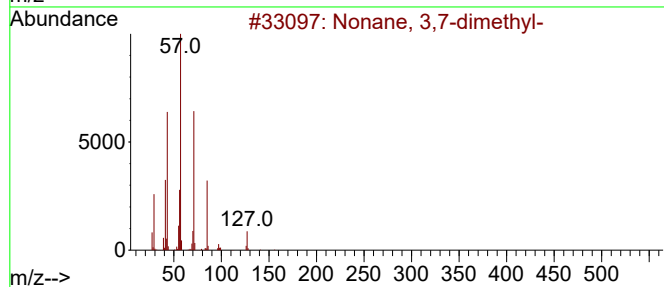
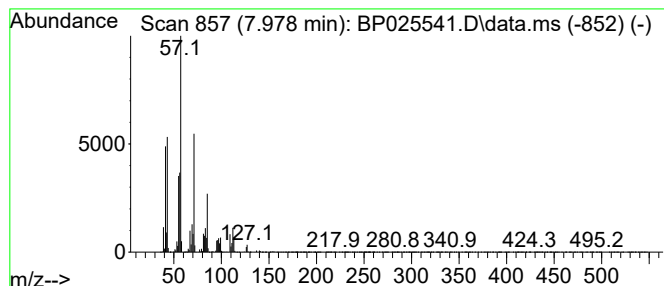
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Nonane, 3,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.978	5.86 ng	1241580	1,4-Dichlorobenzene-d4	7.784

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
2			Hexadecane	226	C16H34	000544-76-3	59
3			Decane, 3-methyl-	156	C11H24	013151-34-3	59
4			Nonadecane	268	C19H40	000629-92-5	58
5			Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025541.D
Acq On : 21 Aug 2025 15:37
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Instrument :
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ClientSampleId :
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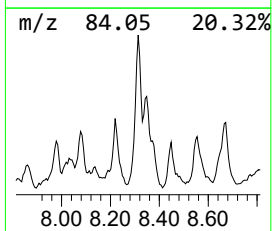
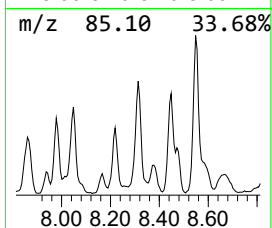
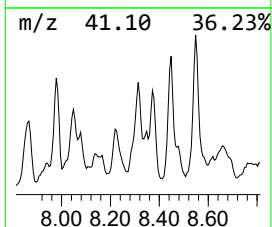
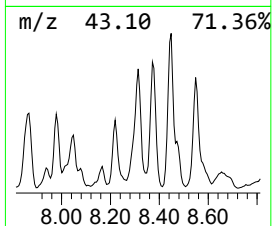
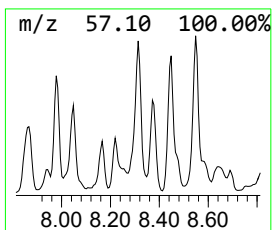
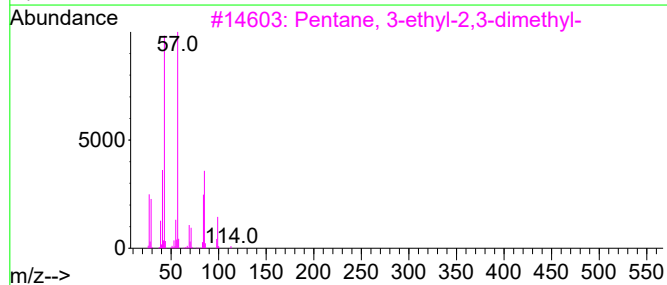
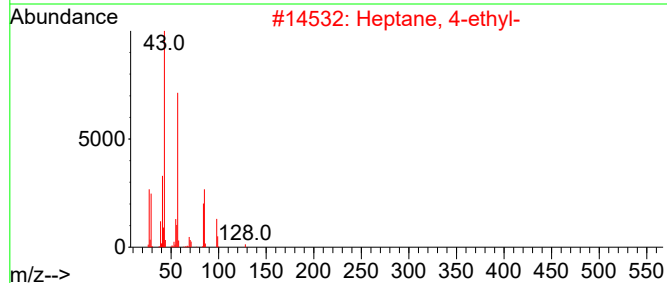
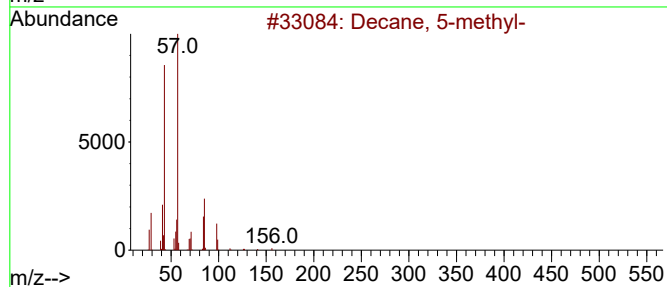
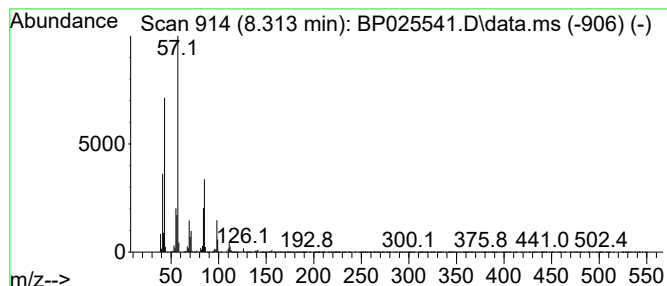
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Decane, 5-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.313	8.02 ng	1700660	1,4-Dichlorobenzene-d4	7.784

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5-methyl-	156	C11H24	013151-35-4	90
2			Heptane, 4-ethyl-	128	C9H20	002216-32-2	72
3			Pentane, 3-ethyl-2,3-dimethyl-	128	C9H20	016747-33-4	59
4			Hexane, 3-ethyl-3-methyl-	128	C9H20	003074-76-8	50
5			Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025541.D
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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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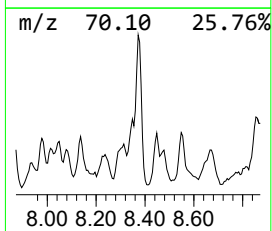
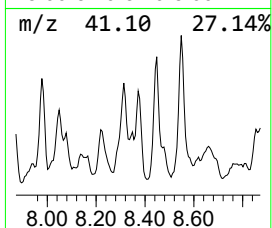
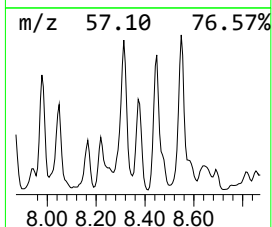
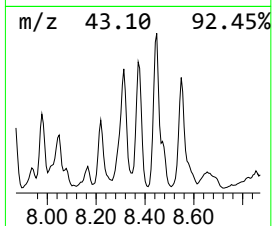
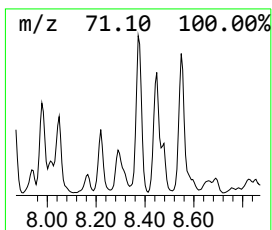
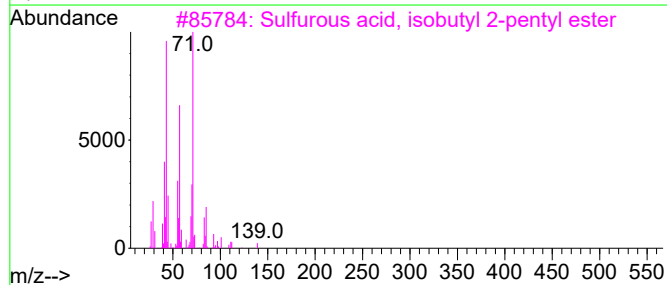
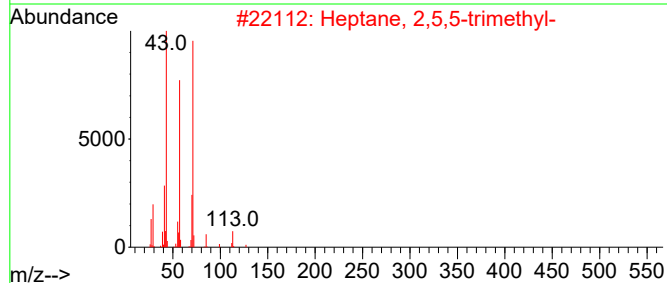
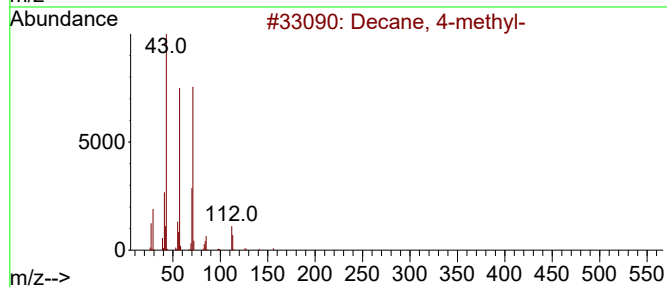
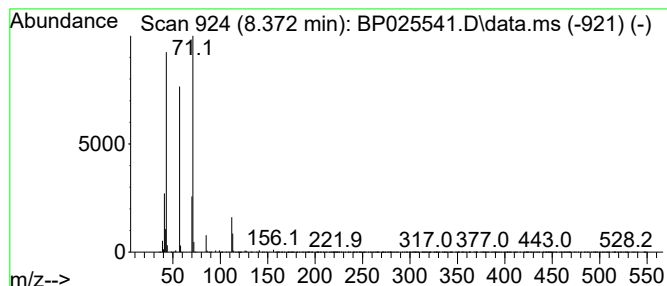
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Decane, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.372	6.56 ng	1390220	1,4-Dichlorobenzene-d4	7.784

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	91
2			Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	83
3			Sulfurous acid, isobutyl 2-penty...	208	C9H20O3S	1000309-15-2	78
4			Octane, 3-ethyl-	142	C10H22	005881-17-4	74
5			Hexane, 3,3,4,4-tetramethyl-	142	C10H22	005171-84-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025541.D
Acq On : 21 Aug 2025 15:37
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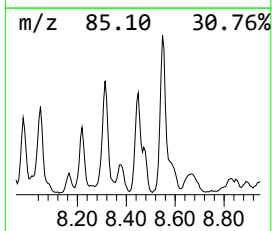
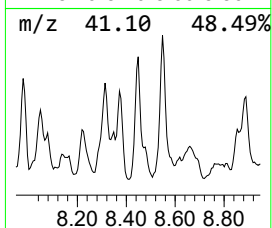
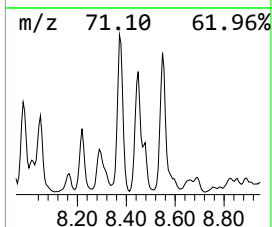
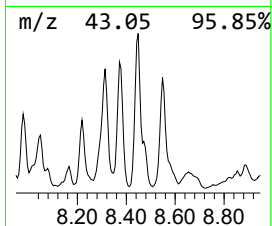
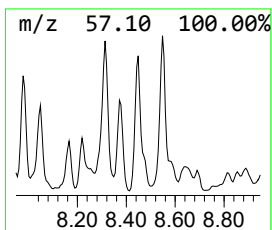
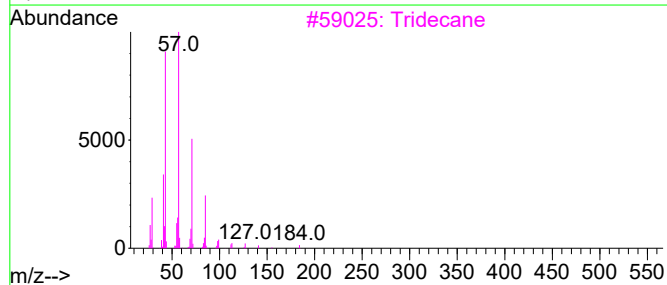
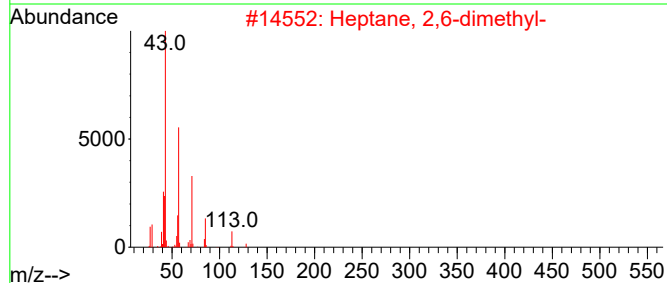
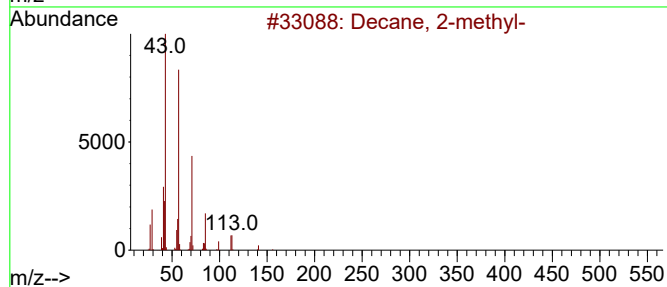
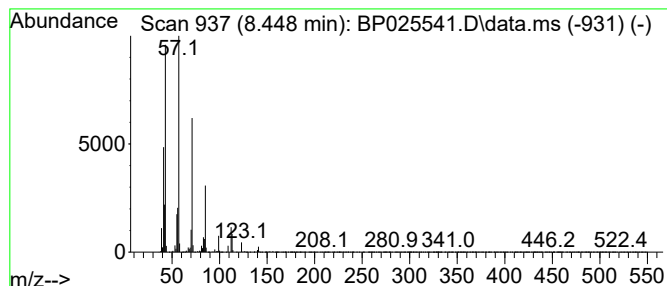
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Decane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.448	8.63 ng	1829550	1,4-Dichlorobenzene-d4	7.784

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 2-methyl-	156	C11H24	006975-98-0	93
2		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	80
3		Tridecane	184	C13H28	000629-50-5	64
4		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	53
5		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025541.D
Acq On : 21 Aug 2025 15:37
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Sample : Q2820-15 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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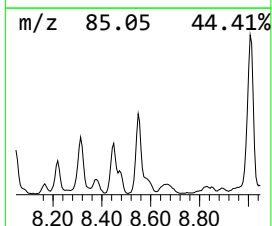
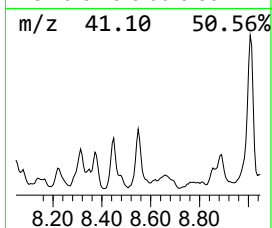
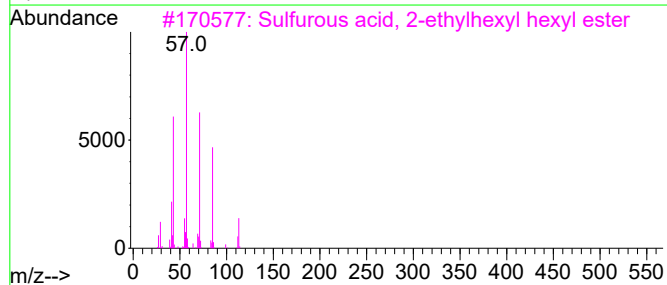
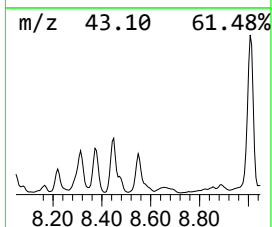
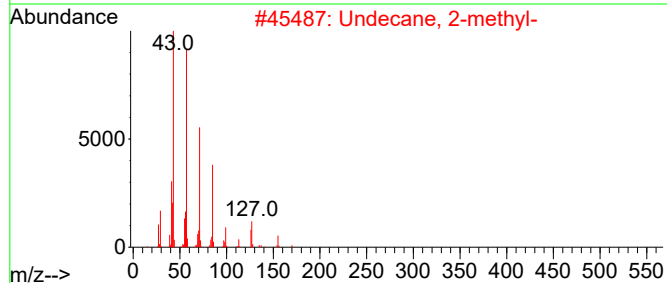
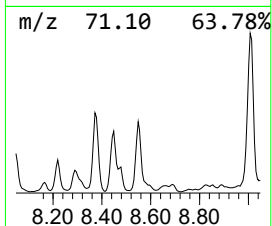
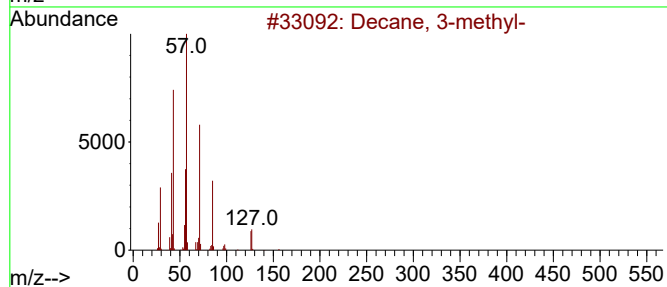
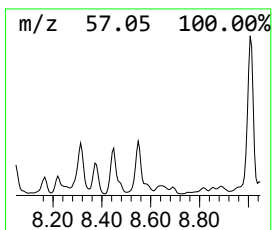
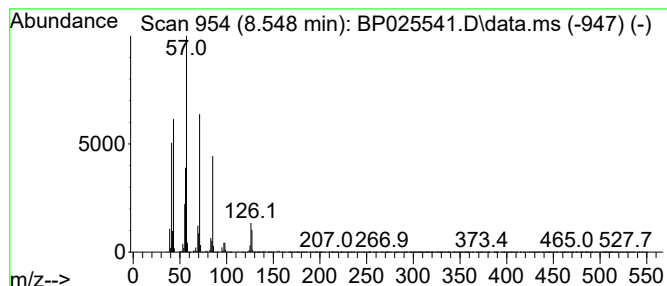
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Decane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.548	10.54 ng	2234260	1,4-Dichlorobenzene-d4	7.784

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	94
2			Undecane, 2-methyl-	170	C12H26	007045-71-8	53
3			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	50
4			Undecane, 5-methyl-	170	C12H26	001632-70-8	49
5			Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
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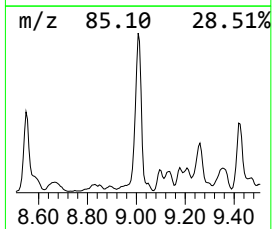
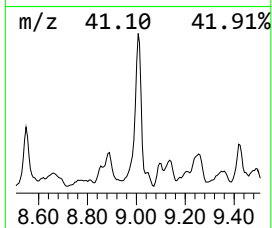
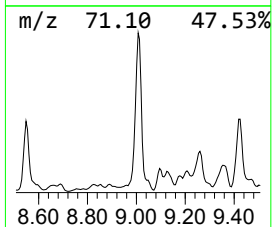
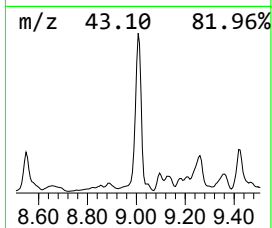
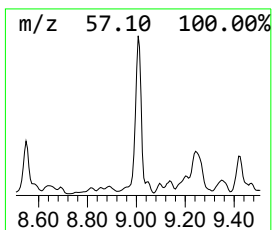
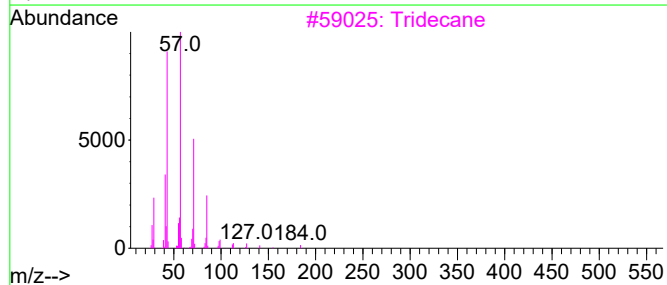
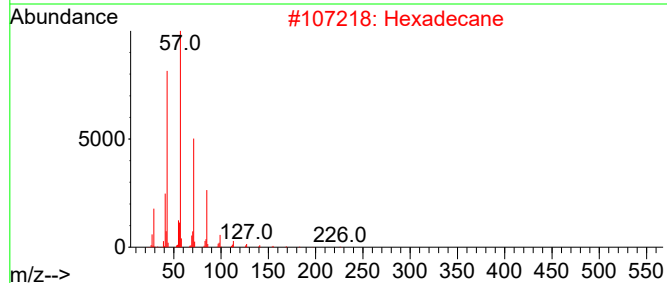
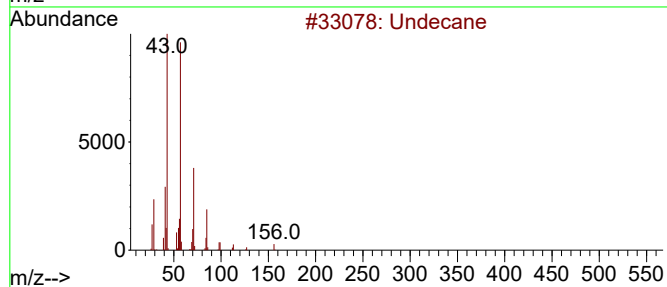
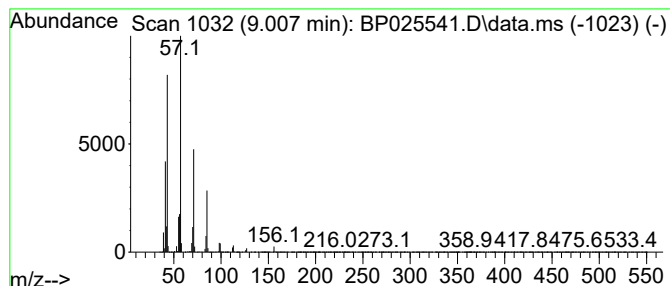
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.007	24.37 ng	5168220	1,4-Dichlorobenzene-d4	7.784

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	94
2	Hexadecane			226	C16H34	000544-76-3	90
3	Tridecane			184	C13H28	000629-50-5	86
4	Carbonic acid, prop-1-en-2-yl te...			298	C18H34O3	1000382-90-9	83
5	Carbonic acid, prop-1-en-2-yl tr...			284	C17H32O3	1000382-90-8	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025541.D
Acq On : 21 Aug 2025 15:37
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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
10P-S

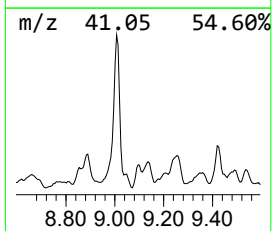
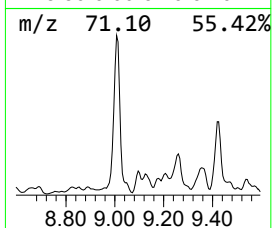
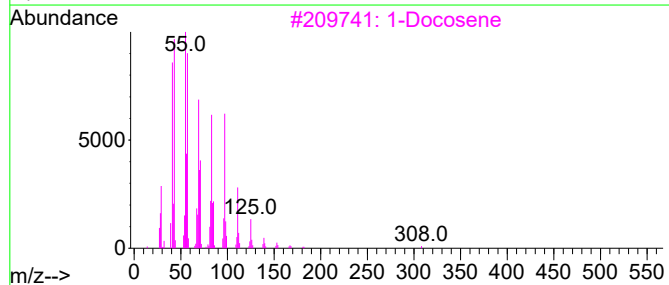
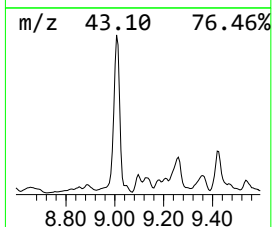
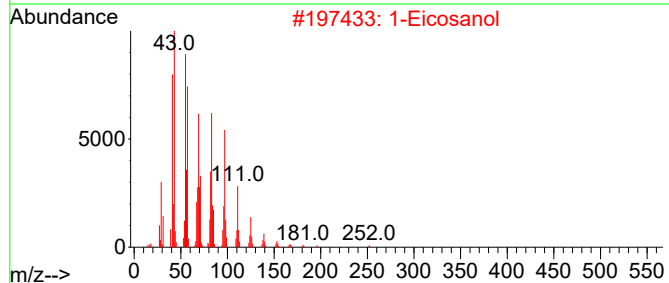
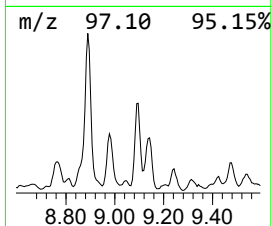
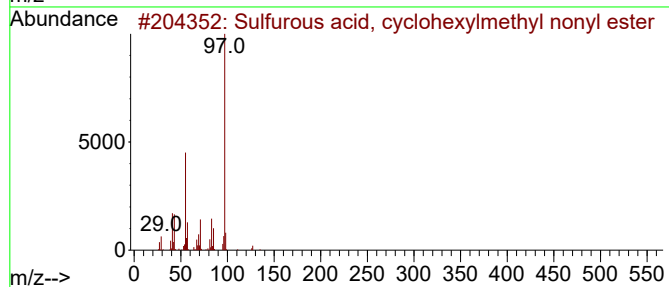
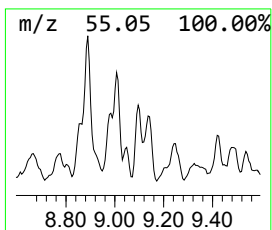
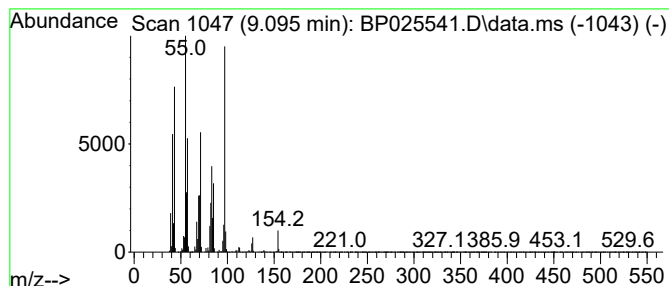
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Sulfurous acid, cyclohexylm... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.095	5.59 ng	1186000	1,4-Dichlorobenzene-d4	7.784

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	72
2			1-Eicosanol	298	C20H42O	000629-96-9	49
3			1-Docosene	308	C22H44	001599-67-3	43
4			n-Heptadecanol-1	256	C17H36O	001454-85-9	38
5			Cetene	224	C16H32	000629-73-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025541.D
Acq On : 21 Aug 2025 15:37
Operator : CG/JU
Sample : Q2820-15 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
10P-S

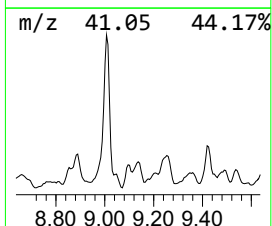
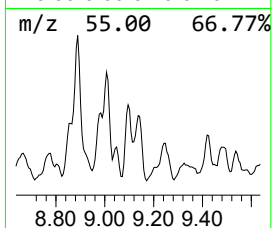
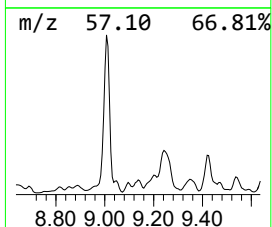
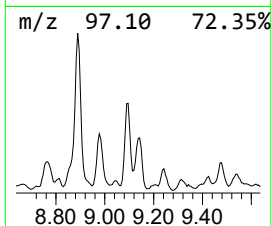
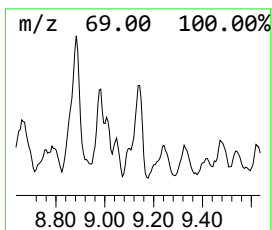
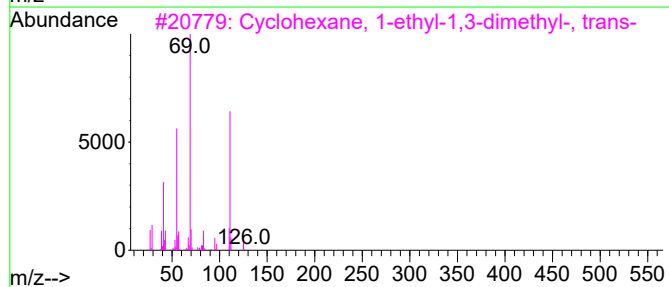
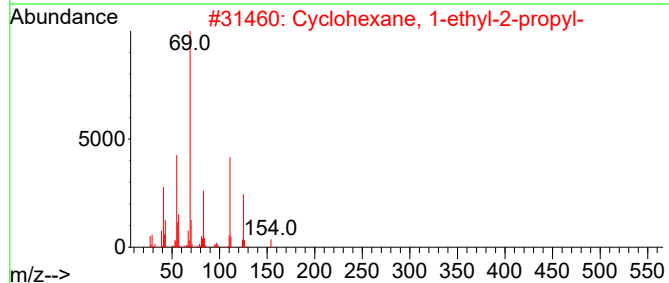
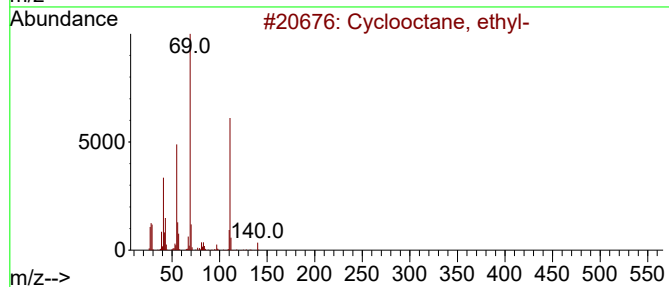
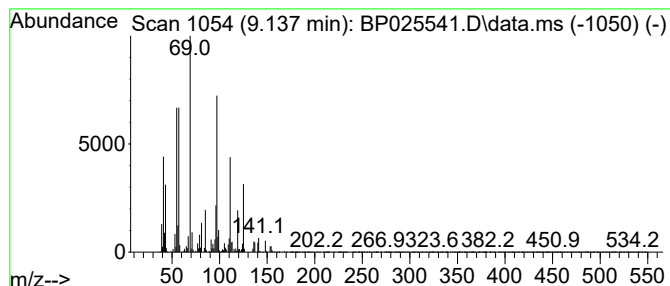
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown9.137 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.137	7.37 ng	1563070	1,4-Dichlorobenzene-d4	7.784

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctane, ethyl-	140	C10H20	013152-02-8	38
2			Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	38
3			Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-29-3	35
4			Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	35
5			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	15



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025541.D
Acq On : 21 Aug 2025 15:37
Operator : CG/JU
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Instrument :
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ClientSampleId :
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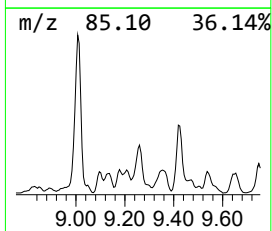
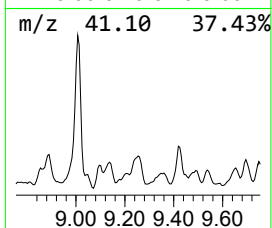
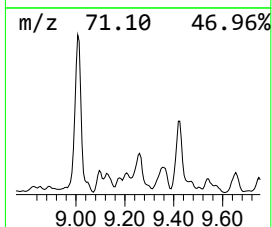
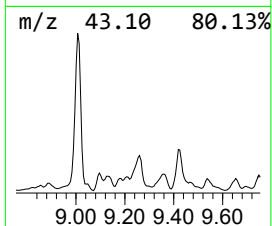
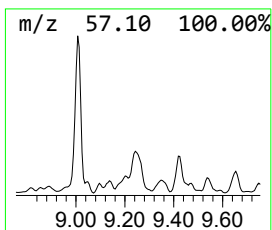
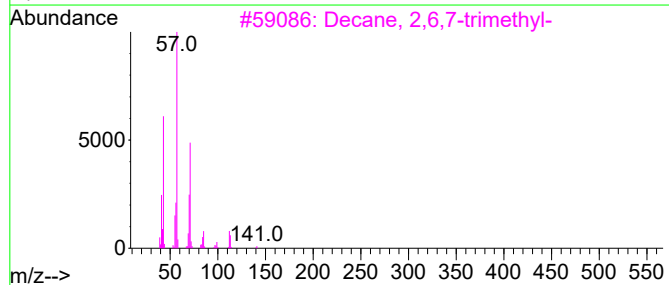
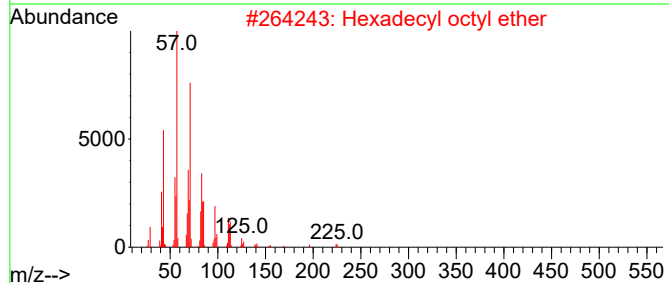
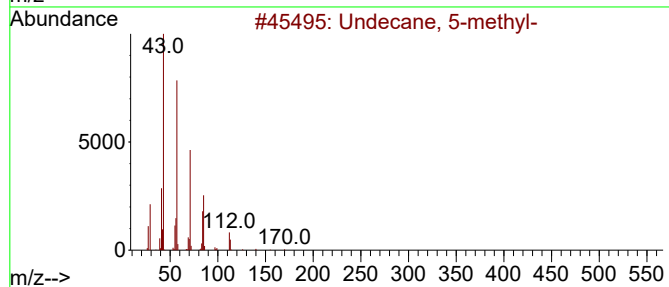
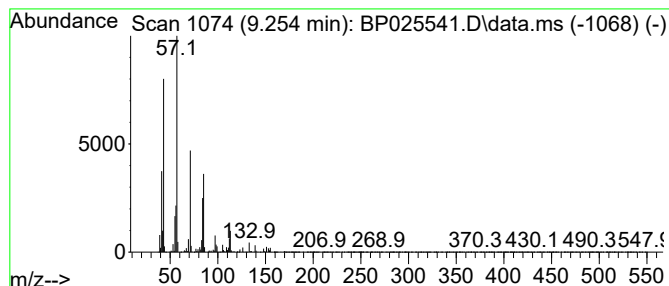
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Undecane, 5-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.254	6.53 ng	1886020	Naphthalene-d8	10.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 5-methyl-	170	C12H26	001632-70-8	87
2		Hexadecyl octyl ether	354	C24H50O	1000406-38-6	64
3		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	53
4		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	52
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025541.D
Acq On : 21 Aug 2025 15:37
Operator : CG/JU
Sample : Q2820-15 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
10P-S

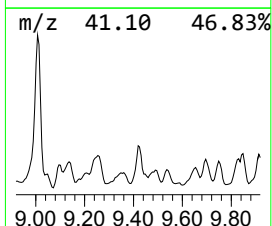
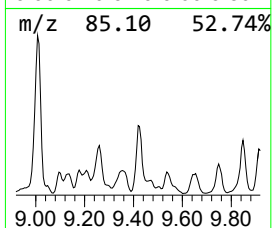
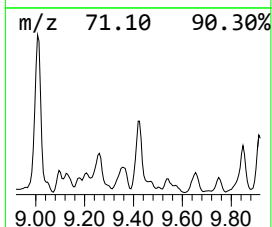
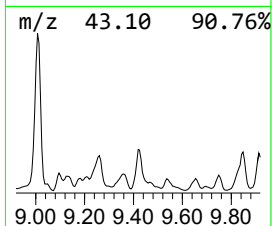
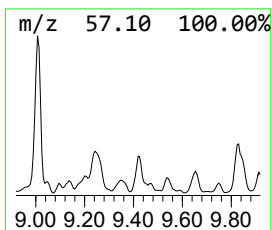
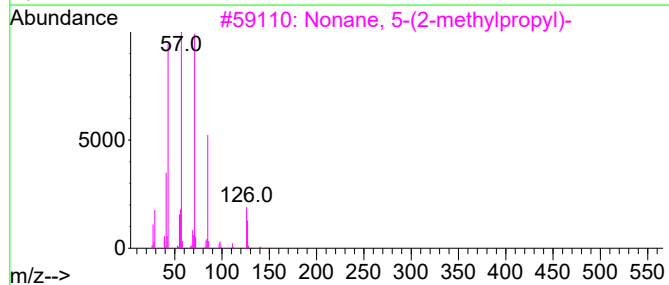
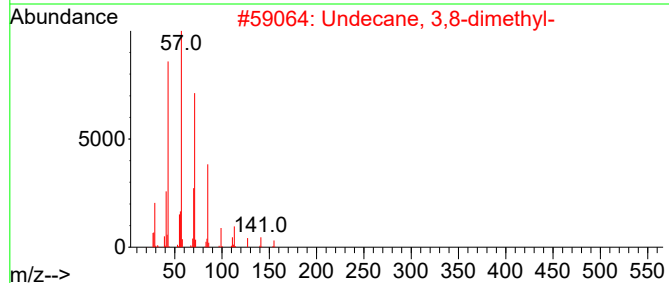
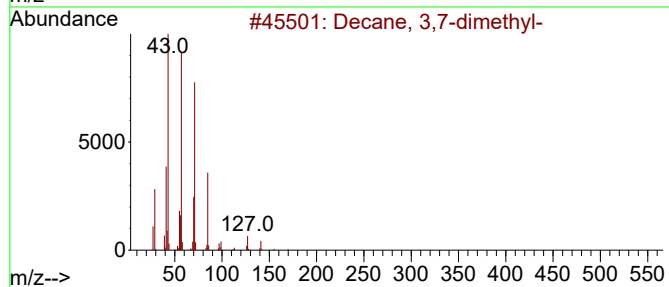
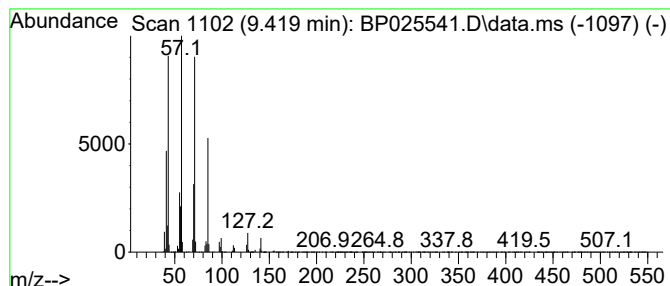
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Decane, 3,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.419	6.21 ng	1794350	Naphthalene-d8	10.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	93
2			Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	78
3			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	59
4			Nonane, 1-iodo-	254	C9H19I	004282-42-2	59
5			Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025541.D
Acq On : 21 Aug 2025 15:37
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Sample : Q2820-15 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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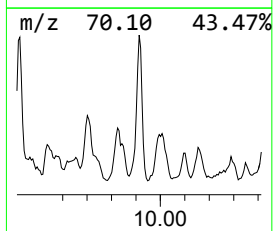
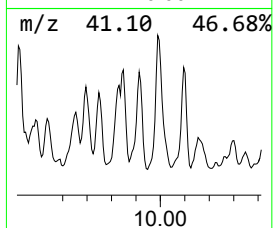
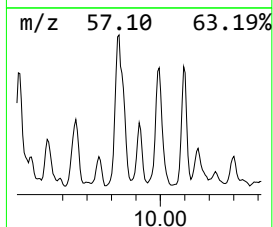
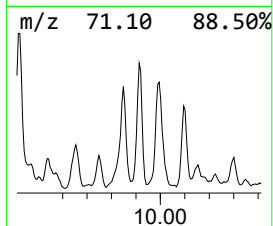
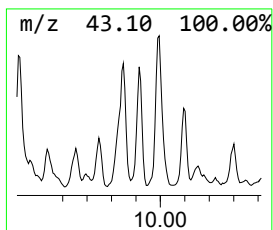
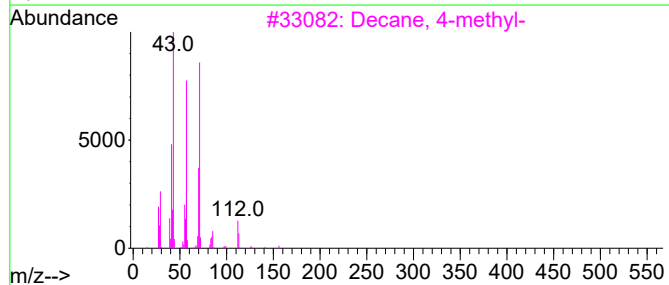
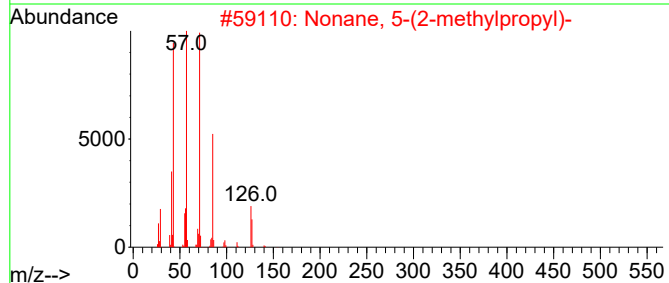
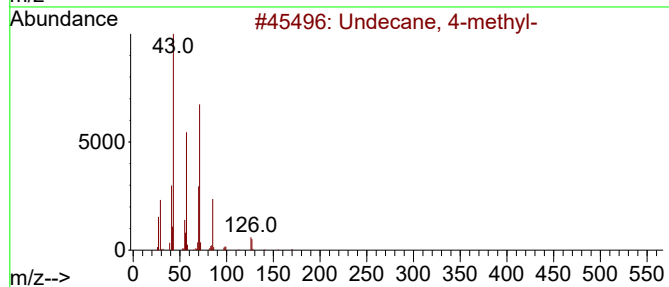
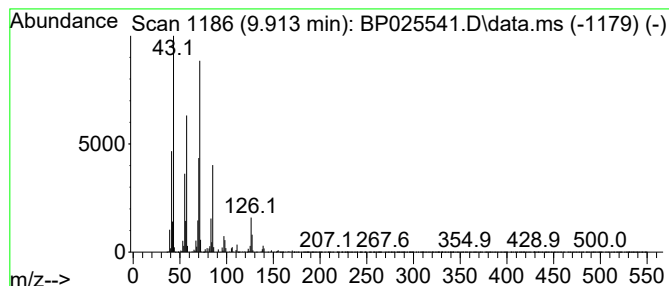
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Undecane, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.913	5.22 ng	1506940	Naphthalene-d8	10.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 4-methyl-	170	C12H26	002980-69-0	87
2			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53
3			Decane, 4-methyl-	156	C11H24	002847-72-5	50
4			4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	50
5			Sulfurous acid, isobutyl 2-penty...	208	C9H20O3S	1000309-15-2	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025541.D
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Operator : CG/JU
Sample : Q2820-15 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

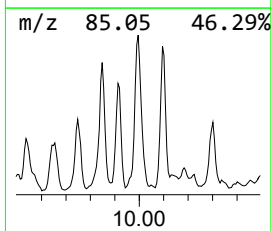
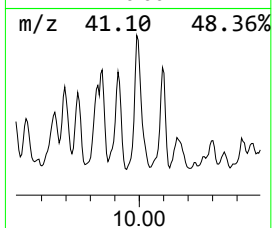
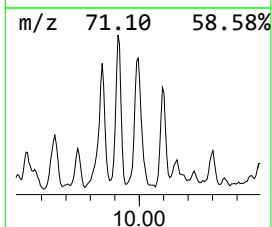
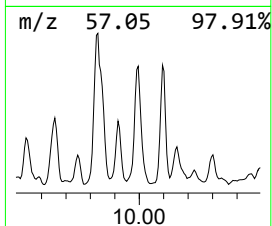
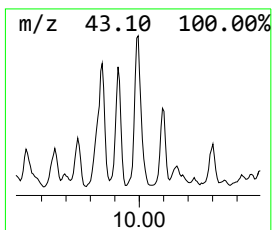
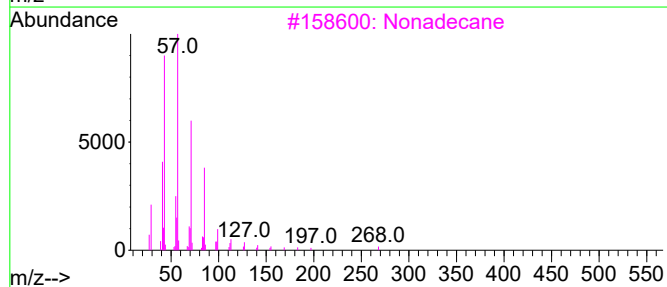
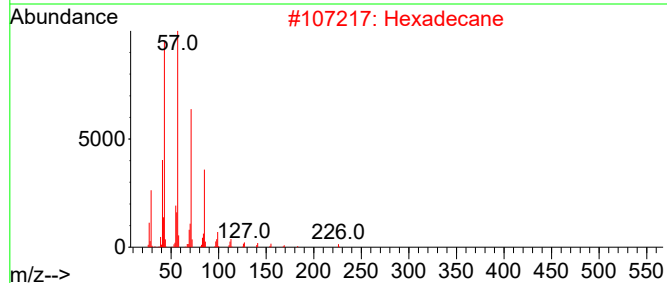
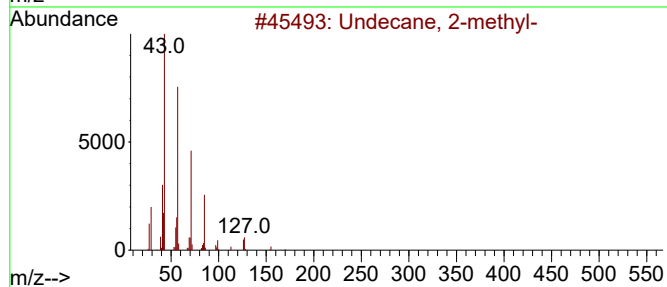
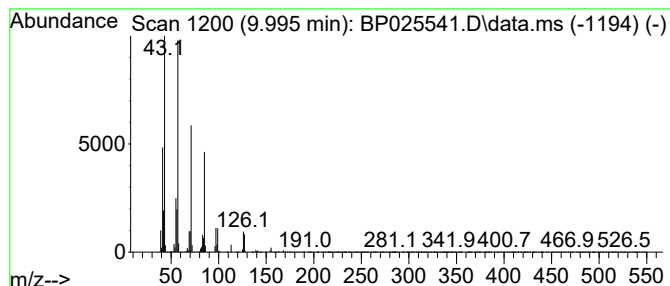
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Undecane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.995	7.12 ng	2055050	Naphthalene-d8	10.560	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	91
2	Hexadecane	226	C16H34	000544-76-3	72
3	Nonadecane	268	C19H40	000629-92-5	72
4	Heptadecane	240	C17H36	000629-78-7	64
5	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025541.D
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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
10P-S

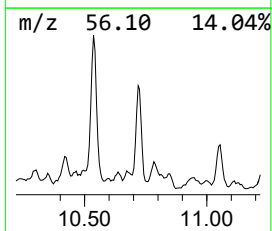
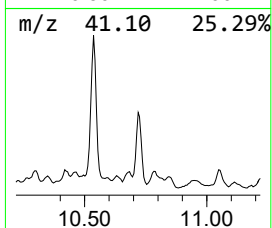
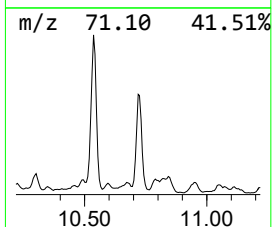
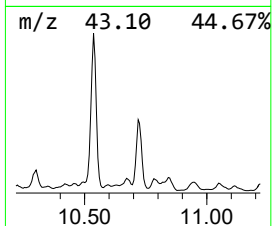
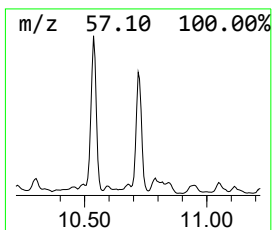
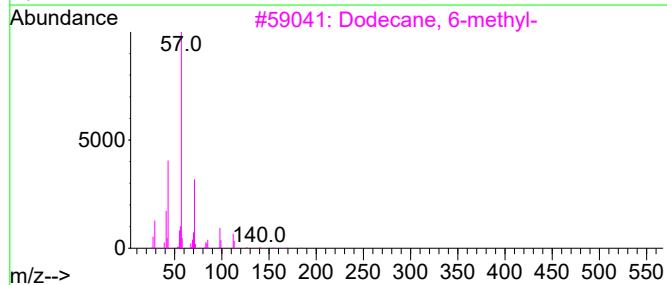
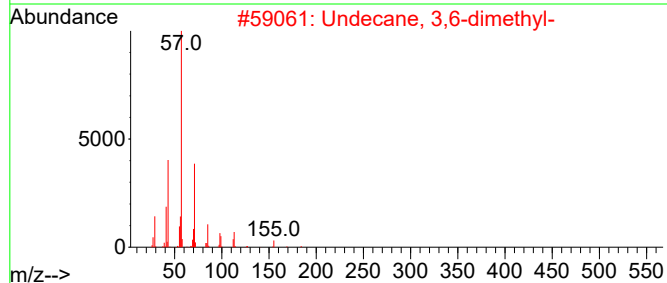
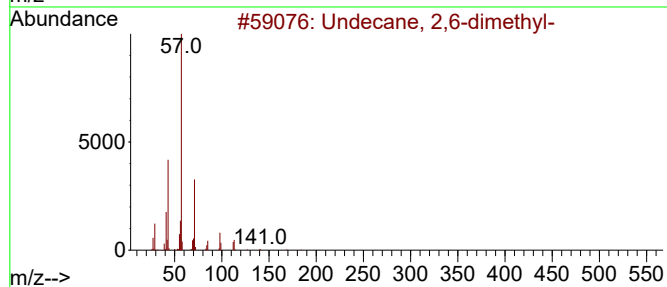
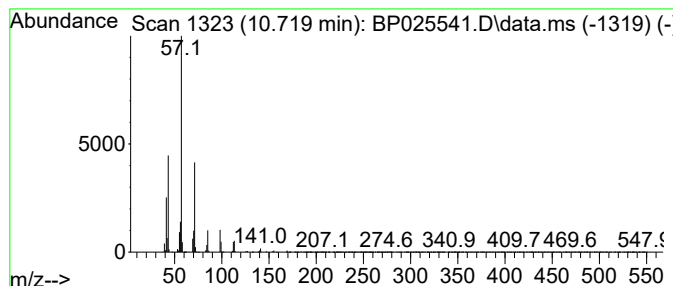
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Undecane, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.719	7.05 ng	2036900	Naphthalene-d8	10.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	91
3		Dodecane, 6-methyl-	184	C13H28	006044-71-9	90
4		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	90
5		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025541.D
Acq On : 21 Aug 2025 15:37
Operator : CG/JU
Sample : Q2820-15 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
10P-S

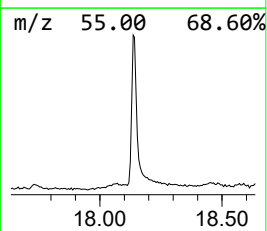
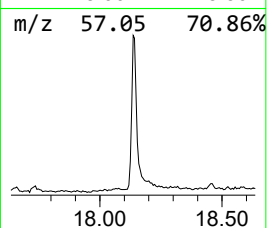
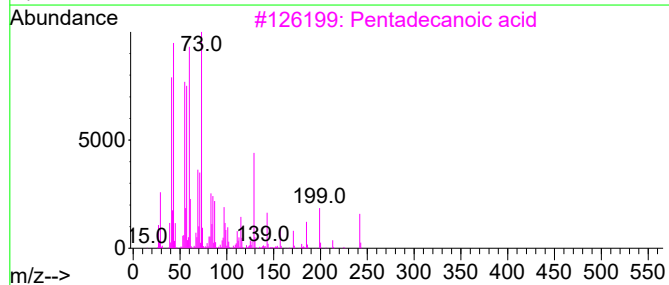
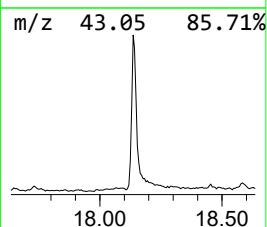
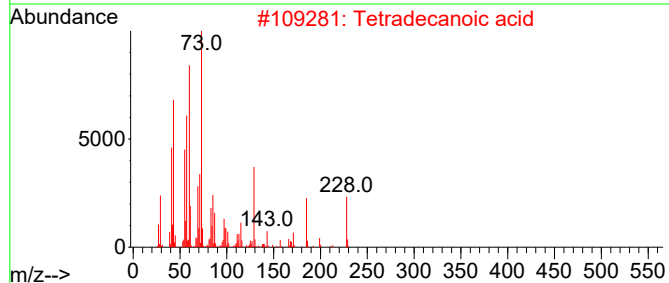
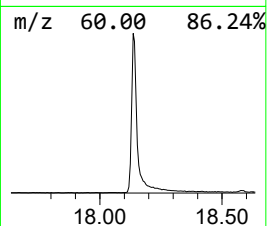
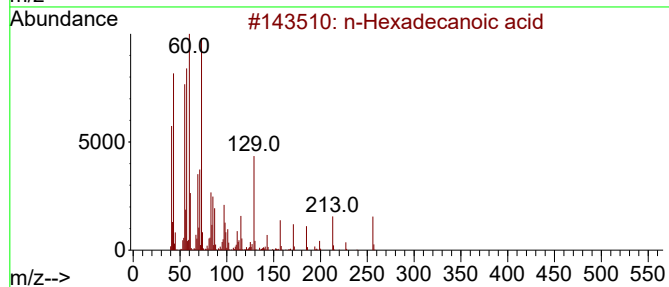
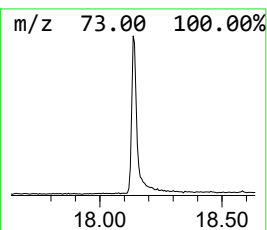
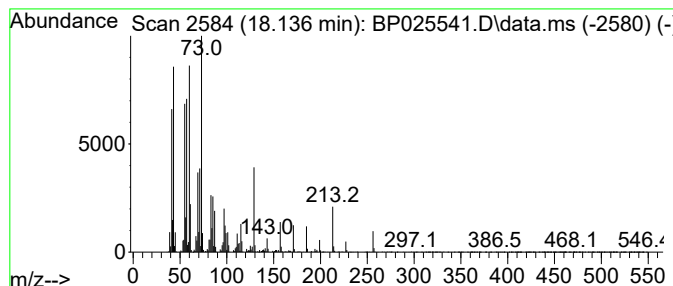
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.136	15.25 ng	1672550	Phenanthrene-d10	17.201

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4			Tridecanoic acid	214	C13H26O2	000638-53-9	76
5			n-Decanoic acid	172	C10H20O2	000334-48-5	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025541.D
Acq On : 21 Aug 2025 15:37
Operator : CG/JU
Sample : Q2820-15 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
10P-S

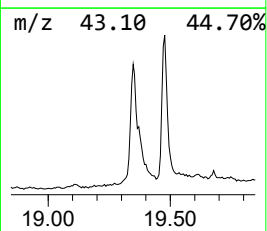
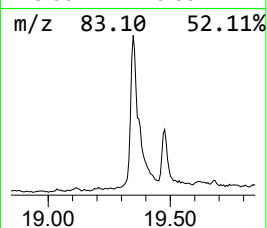
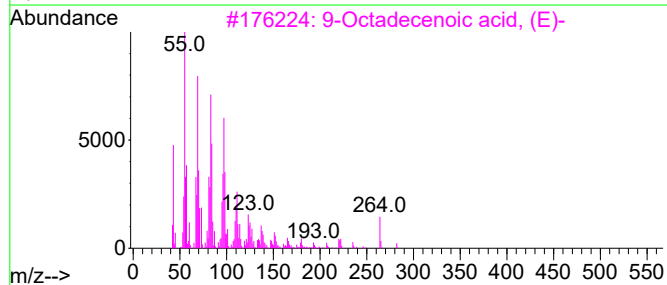
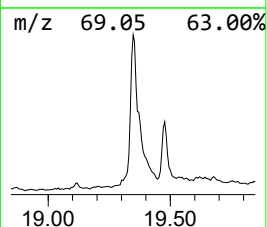
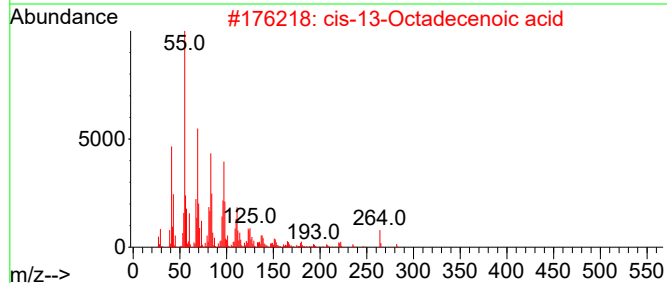
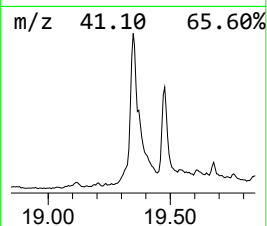
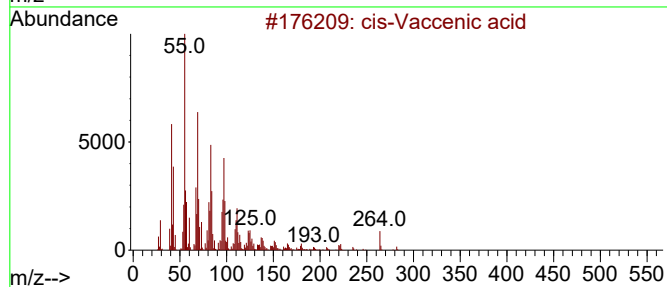
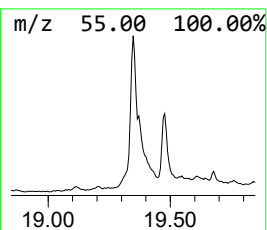
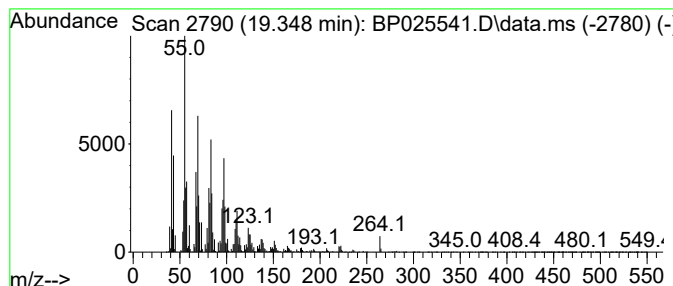
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 cis-Vaccenic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.348	56.07 ng	6149910	Phenanthrene-d10	17.201

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-Vaccenic acid	282	C18H34O2	000506-17-2	94
2			cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	91
3			9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	91
4			9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	91
5			Palmitoleic acid	254	C16H30O2	000373-49-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025541.D
Acq On : 21 Aug 2025 15:37
Operator : CG/JU
Sample : Q2820-15 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
10P-S

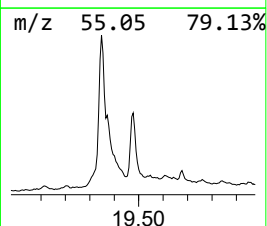
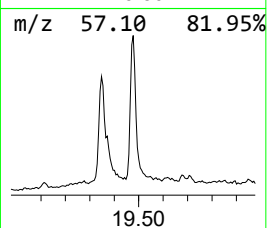
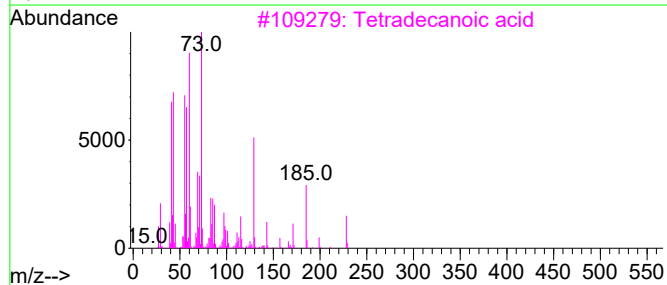
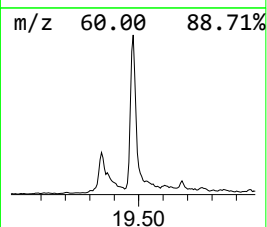
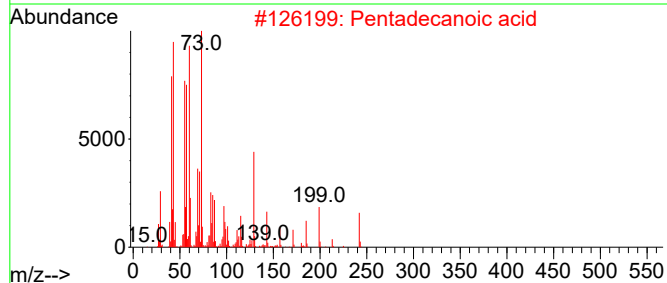
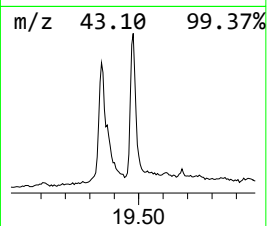
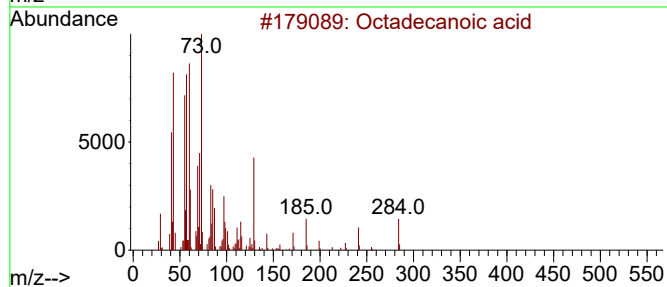
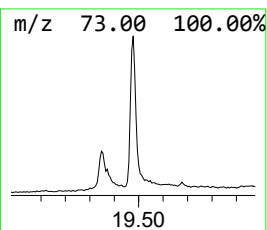
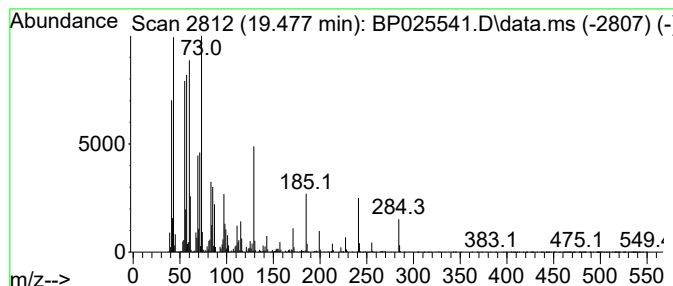
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.477	16.90 ng	2159750	Chrysene-d12	21.654

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025541.D
Acq On : 21 Aug 2025 15:37
Operator : CG/JU
Sample : Q2820-15 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
10P-S

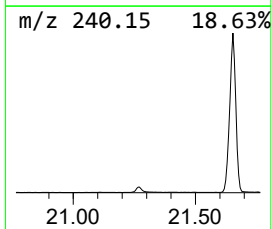
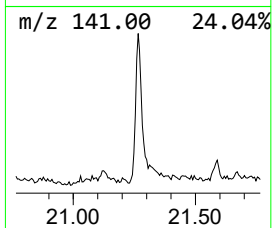
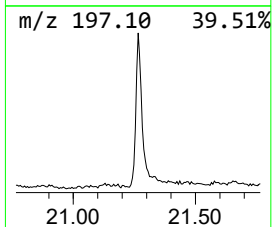
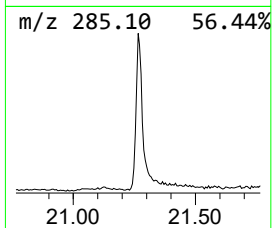
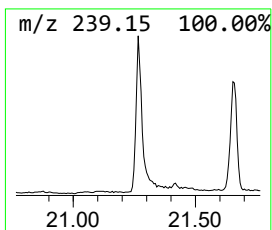
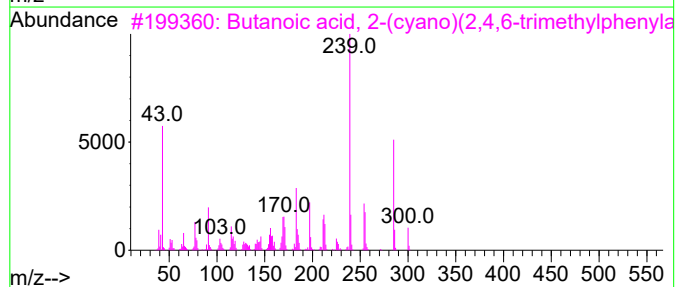
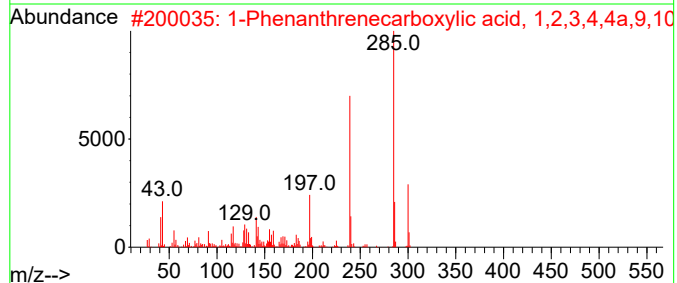
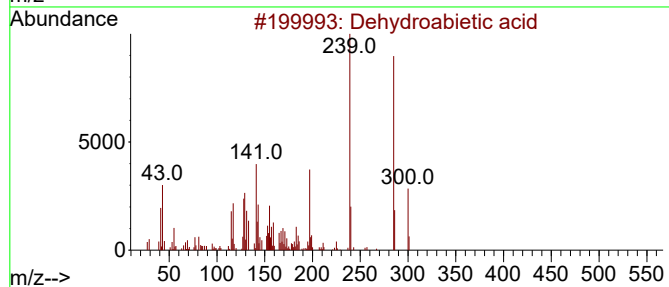
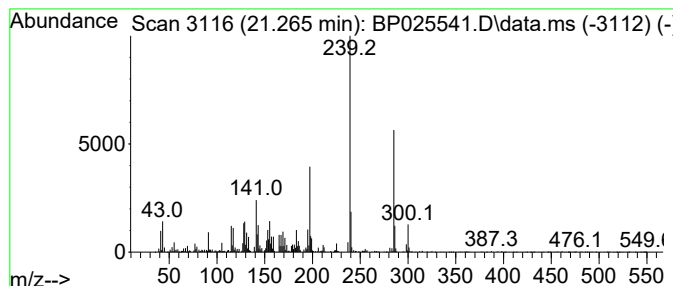
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Dehydroabiatic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.265	7.55 ng	964176	Chrysene-d12	21.654

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dehydroabiatic acid	300	C20H28O2	001740-19-8	98
2			1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	91
3			Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	68
4			2-Ethylidene-hydrazono-3-methyl...	239	C10H10ClN3S	1000148-08-4	49
5			Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3NO3	000391-02-6	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025541.D
Acq On : 21 Aug 2025 15:37
Operator : CG/JU
Sample : Q2820-15 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
10P-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.037	5.8	ng	1228690	1	7.784	4240830	20.0
Nonane, 2,5-dim...	7.713	8.0	ng	1687100	1	7.784	4240830	20.0
Dodecane, 2,6,1...	7.866	6.0	ng	1281470	1	7.784	4240830	20.0
Nonane, 3,7-dim...	7.978	5.9	ng	1241580	1	7.784	4240830	20.0
Decane, 5-methyl-	8.313	8.0	ng	1700660	1	7.784	4240830	20.0
Decane, 4-methyl-	8.372	6.6	ng	1390220	1	7.784	4240830	20.0
Decane, 2-methyl-	8.448	8.6	ng	1829550	1	7.784	4240830	20.0
Decane, 3-methyl-	8.548	10.5	ng	2234260	1	7.784	4240830	20.0
Undecane	9.007	24.4	ng	5168220	1	7.784	4240830	20.0
Sulfurous acid,...	9.095	5.6	ng	1186000	1	7.784	4240830	20.0
unknown9.137	9.137	7.4	ng	1563070	1	7.784	4240830	20.0
Undecane, 5-met...	9.254	6.5	ng	1886020	2	10.560	5776220	20.0
Decane, 3,7-dim...	9.419	6.2	ng	1794350	2	10.560	5776220	20.0
Undecane, 4-met...	9.913	5.2	ng	1506940	2	10.560	5776220	20.0
Undecane, 2-met...	9.995	7.1	ng	2055050	2	10.560	5776220	20.0
Undecane, 2,6-d...	10.719	7.0	ng	2036900	2	10.560	5776220	20.0
n-Hexadecanoic ...	18.136	15.3	ng	1672550	4	17.201	2193820	20.0
cis-Vaccenic acid	19.348	56.1	ng	6149910	4	17.201	2193820	20.0
Octadecanoic acid	19.477	16.9	ng	2159750	5	21.654	2555340	20.0
Dehydroabietic ...	21.265	7.5	ng	964176	5	21.654	2555340	20.0