

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
 Data File : BF141789.D
 Acq On : 26 Feb 2025 18:25
 Operator : RC/JU
 Sample : Q1427-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-227

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_F\Methods\8270-BF020625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141789.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.381	210	219	229	rVB2	8312	20670	1.58%	0.097%
2	4.052	325	333	338	rBV2	32429	63277	4.84%	0.298%
3	4.205	353	359	363	rBV3	13326	25053	1.92%	0.118%
4	4.257	363	368	377	rVB2	21295	39439	3.01%	0.186%
5	4.399	385	392	402	rVB2	52027	97625	7.46%	0.459%
6	4.499	402	409	415	rBV	19846	33246	2.54%	0.156%
7	4.657	431	436	440	rBV2	11843	17989	1.38%	0.085%
8	4.704	440	444	448	rBV	20580	29234	2.23%	0.138%
9	4.816	455	463	468	rBV	112098	174798	13.36%	0.823%
10	4.899	468	477	484	rBV3	76588	210932	16.12%	0.993%
11	4.969	484	489	495	rBV	190278	300109	22.94%	1.412%
12	5.034	498	500	504	rVB2	32922	42567	3.25%	0.200%
13	5.104	504	512	518	rVB2	56763	117679	9.00%	0.554%
14	5.175	518	524	528	rBV	154363	232577	17.78%	1.094%
15	5.340	542	552	554	rBV2	36028	84932	6.49%	0.400%
16	5.404	557	563	569	rVV	852166	1261999	96.47%	5.939%
17	5.457	569	572	579	rVV	68736	102985	7.87%	0.485%
18	5.540	582	586	591	rBV3	130185	221956	16.97%	1.044%
19	5.587	591	594	597	rVB	93885	108289	8.28%	0.510%
20	5.628	597	601	608	rVB2	97454	181075	13.84%	0.852%
21	5.693	608	612	618	rVB	75547	103639	7.92%	0.488%
22	5.793	619	629	633	rBV4	144680	279604	21.37%	1.316%
23	5.840	633	637	641	rBV2	70918	121522	9.29%	0.572%
24	5.928	647	652	657	rVB2	205115	302618	23.13%	1.424%
25	5.975	657	660	663	rBV2	67938	104432	7.98%	0.491%
26	6.022	663	668	675	rVV2	489271	763658	58.38%	3.594%
27	6.081	675	678	681	rVB	128237	146656	11.21%	0.690%
28	6.116	681	684	686	rBV3	24846	29680	2.27%	0.140%
29	6.210	695	700	704	rBV2	173689	274720	21.00%	1.293%
30	6.275	708	711	713	rBV	29017	28646	2.19%	0.135%
31	6.310	713	717	724	rVB4	215393	374430	28.62%	1.762%
32	6.393	725	731	732	rBV3	46583	71718	5.48%	0.337%
33	6.422	732	736	743	rBV	895705	1308185	100.00%	6.156%
34	6.475	743	745	747	rVB	41555	34873	2.67%	0.164%
35	6.516	747	752	756	rBV5	147933	298390	22.81%	1.404%
36	6.628	765	771	775	rBV4	90029	172322	13.17%	0.811%

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37	6.740	787	790	792	rBV4	46774	55249	4.22%	0.260%
38	6.787	792	798	803	rVB2	568052	951291	72.72%	4.476%
39	6.834	803	806	809	rBV2	56261	64718	4.95%	0.305%
40	6.887	809	815	818	rBV4	82594	183287	14.01%	0.862%
41	6.922	818	821	825	rBV	221314	273705	20.92%	1.288%
42	7.010	832	836	838	rBV2	56295	81795	6.25%	0.385%
43	7.046	838	842	846	rVB3	152570	232900	17.80%	1.096%
44	7.081	846	848	852	rVB3	36973	39228	3.00%	0.185%
45	7.122	853	855	858	rBV2	21758	22435	1.71%	0.106%
46	7.169	859	863	866	rBV3	111698	152804	11.68%	0.719%
47	7.251	874	877	880	rBV	33286	53701	4.11%	0.253%
48	7.310	881	887	889	rVV2	199890	372235	28.45%	1.752%
49	7.345	889	893	901	rVV	664452	988420	75.56%	4.651%
50	7.422	901	906	910	rVB4	138025	214290	16.38%	1.008%
51	7.481	910	916	921	rBV3	79633	187465	14.33%	0.882%
52	7.528	921	924	926	rVV3	43914	56974	4.36%	0.268%
53	7.557	926	929	931	rVV2	105155	130872	10.00%	0.616%
54	7.581	931	933	936	rVB2	65986	66820	5.11%	0.314%
55	7.681	944	950	951	rBV4	84103	149555	11.43%	0.704%
56	7.740	957	960	964	rVB3	63193	85109	6.51%	0.400%
57	7.798	967	970	980	rVB6	53538	134257	10.26%	0.632%
58	7.881	980	984	989	rVB4	58070	81236	6.21%	0.382%
59	7.928	989	992	996	rBV2	56572	80983	6.19%	0.381%
60	7.998	1001	1004	1005	rBV2	33812	37842	2.89%	0.178%
61	8.063	1009	1015	1020	rVV	450017	684017	52.29%	3.219%
62	8.116	1020	1024	1028	rVB2	137006	192866	14.74%	0.908%
63	8.234	1038	1044	1046	rBV4	21696	49267	3.77%	0.232%
64	8.263	1046	1049	1052	rVB2	42978	50677	3.87%	0.238%
65	8.345	1059	1063	1069	rVB4	51198	79568	6.08%	0.374%
66	8.440	1076	1079	1082	rVB3	24228	28962	2.21%	0.136%
67	8.481	1082	1086	1092	rBV	77469	111627	8.53%	0.525%
68	8.598	1103	1106	1112	rVB5	21830	34991	2.67%	0.165%
69	8.745	1128	1131	1136	rVB3	31427	44722	3.42%	0.210%
70	9.081	1184	1188	1192	rVB2	35043	45222	3.46%	0.213%
71	9.134	1192	1197	1207	rVV	894844	1154122	88.22%	5.431%
72	9.216	1208	1211	1215	rVB	13387	17482	1.34%	0.082%
73	9.534	1261	1265	1273	rVB2	17106	29943	2.29%	0.141%
74	9.816	1307	1313	1328	rVB	480473	690118	52.75%	3.247%
75	10.528	1428	1434	1442	rBV	88762	121104	9.26%	0.570%
76	10.604	1442	1447	1463	rVV	616641	884258	67.59%	4.161%

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77	10.722	1463	1467	1476	rVB2	11691	19518	1.49%	0.092%
78	11.192	1543	1547	1553	rVB3	9890	17338	1.33%	0.082%
79	11.298	1560	1565	1575	rBV2	466523	775557	59.28%	3.650%
80	11.381	1575	1579	1584	rVB	20290	29223	2.23%	0.138%
81	11.828	1647	1655	1662	rBV2	96656	183671	14.04%	0.864%
82	11.916	1667	1670	1679	rVB2	23928	44473	3.40%	0.209%
83	12.033	1686	1690	1695	rVB	40790	53396	4.08%	0.251%
84	12.145	1704	1709	1719	rVB2	80636	113929	8.71%	0.536%
85	12.239	1720	1725	1730	rBV	87983	112203	8.58%	0.528%
86	12.516	1766	1772	1775	rBV	153846	213773	16.34%	1.006%
87	12.545	1775	1777	1783	rVB	49660	62688	4.79%	0.295%
88	12.616	1785	1789	1795	rBV3	16508	30047	2.30%	0.141%
89	12.739	1804	1810	1818	rVB	129688	197458	15.09%	0.929%
90	12.880	1828	1834	1843	rBV	769243	1006623	76.95%	4.737%
91	13.075	1859	1867	1871	rBV2	16588	29057	2.22%	0.137%
92	13.175	1881	1884	1891	rVB3	11135	20767	1.59%	0.098%
93	13.786	1983	1988	1996	rVB5	27390	63951	4.89%	0.301%
94	13.939	2007	2014	2028	rBV2	409150	703209	53.75%	3.309%
95	14.045	2028	2032	2037	rBV	12497	21289	1.63%	0.100%
96	14.969	2185	2189	2204	rVB	64729	165851	12.68%	0.780%
97	15.263	2236	2239	2244	rVB	35312	47720	3.65%	0.225%
98	15.327	2246	2250	2254	rVV	49224	74979	5.73%	0.353%
99	15.386	2254	2260	2273	rVB	310080	526478	40.24%	2.477%
100	16.827	2500	2505	2511	rBV2	18504	40090	3.06%	0.189%

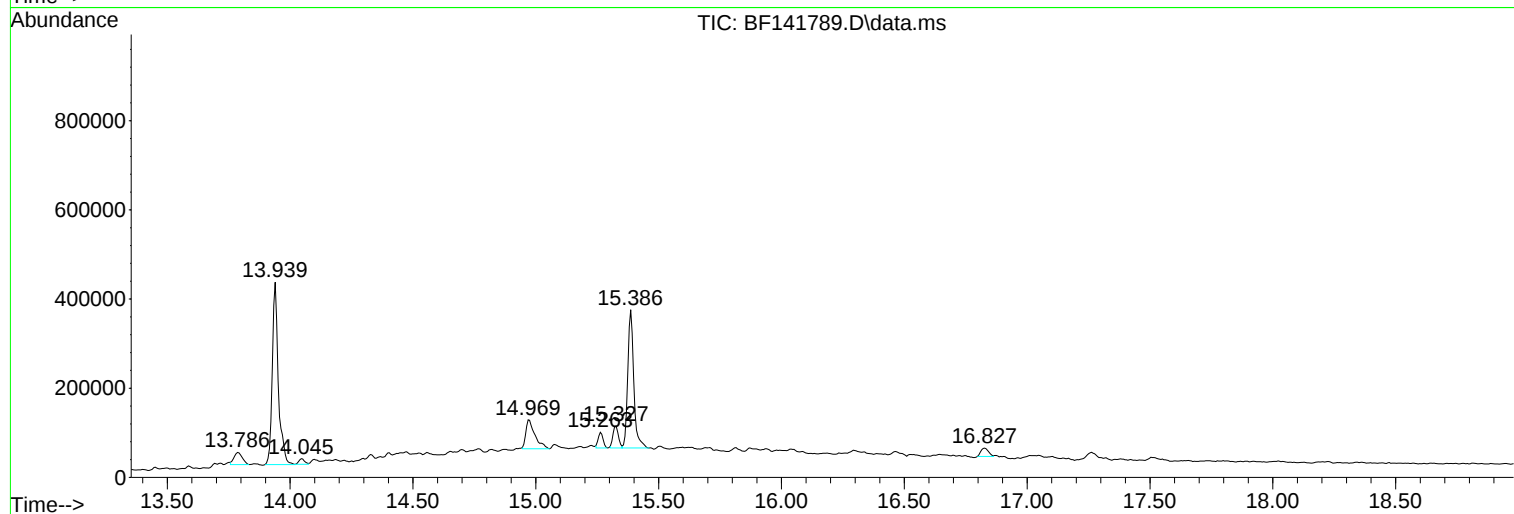
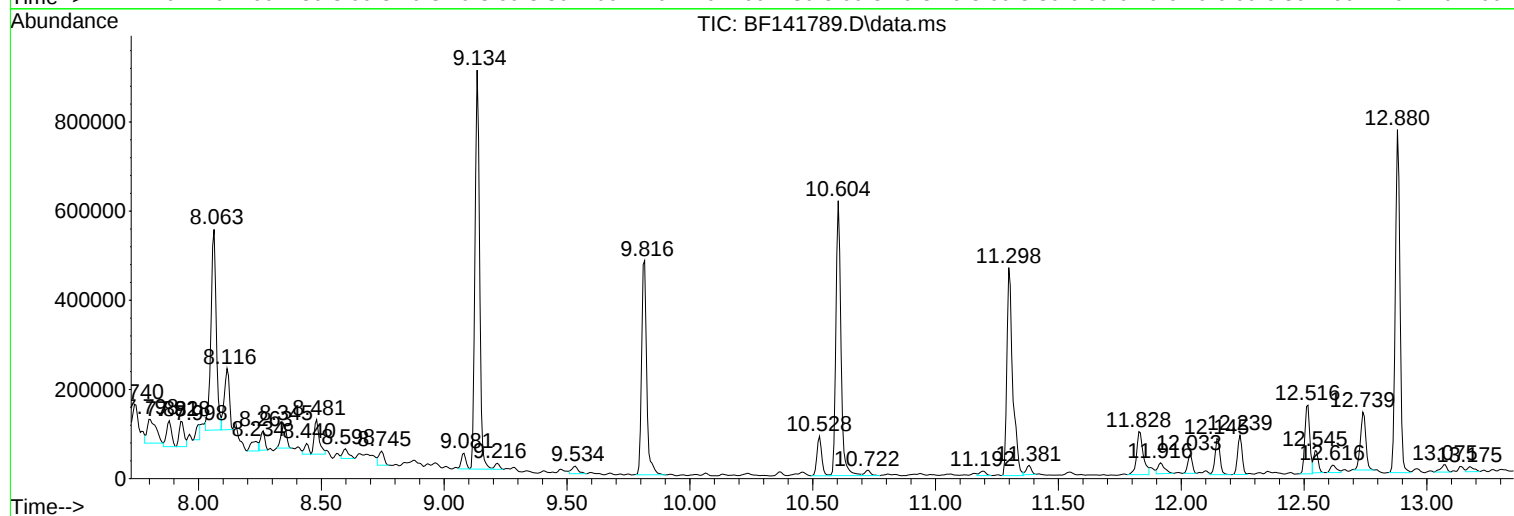
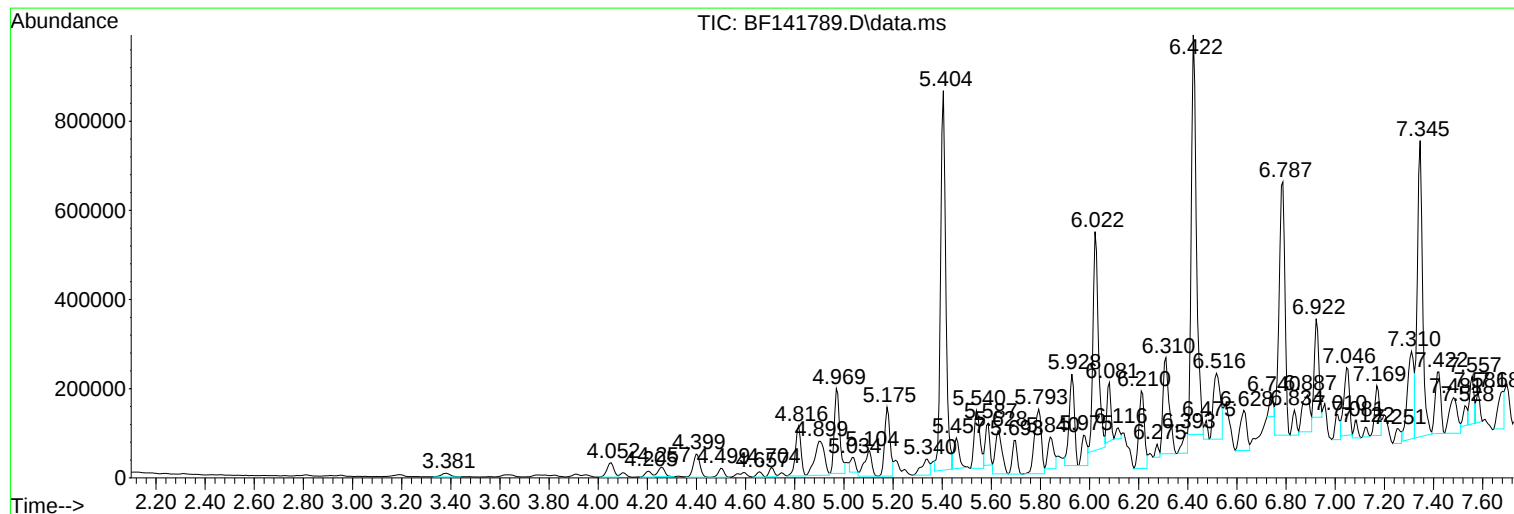
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VNJ-227

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
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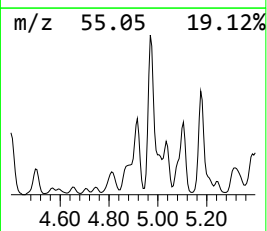
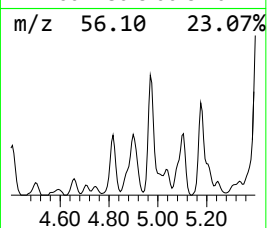
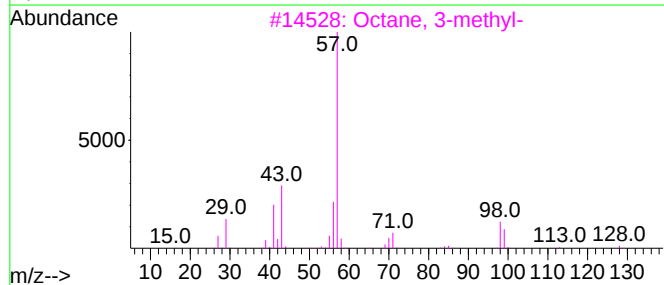
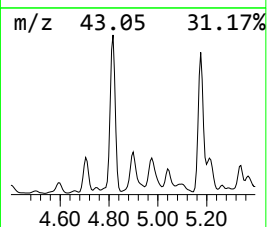
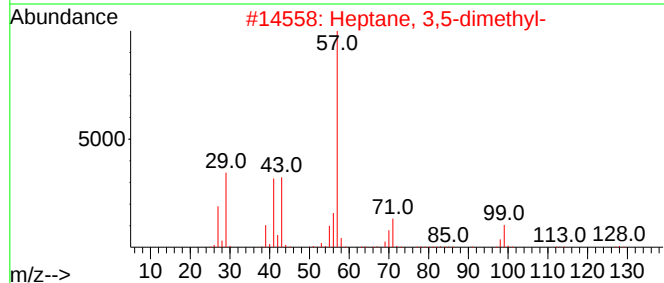
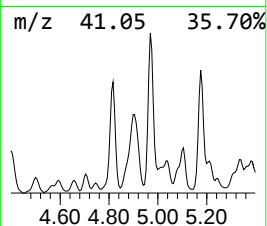
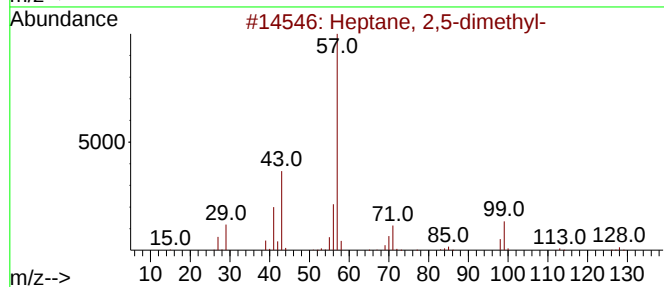
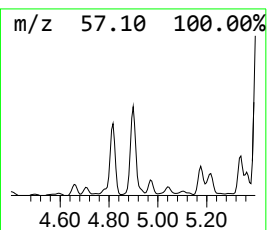
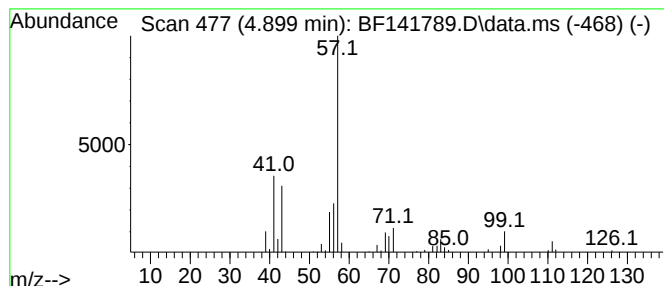
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Heptane, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.899	4.43 ng	210932	1,4-Dichlorobenzene-d4	6.781

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	59
2			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	58
3			Octane, 3-methyl-	128	C9H20	002216-33-3	53
4			Heptacosane	380	C27H56	000593-49-7	47
5			Heptane, 3-bromo-	178	C7H15Br	001974-05-6	47



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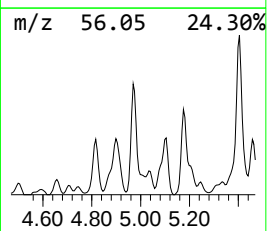
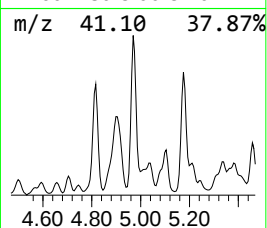
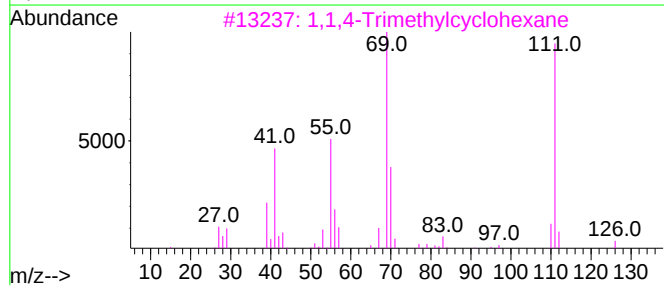
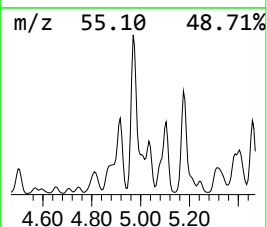
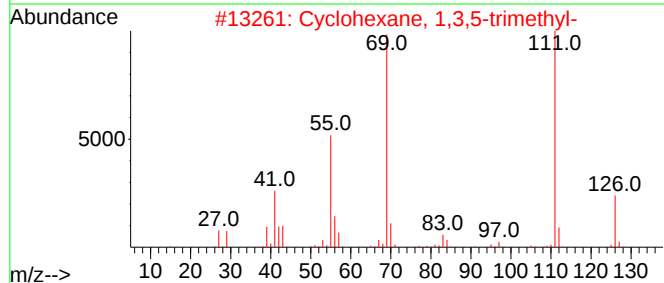
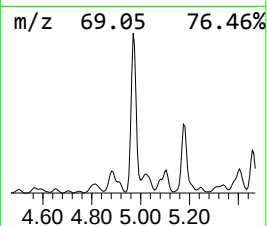
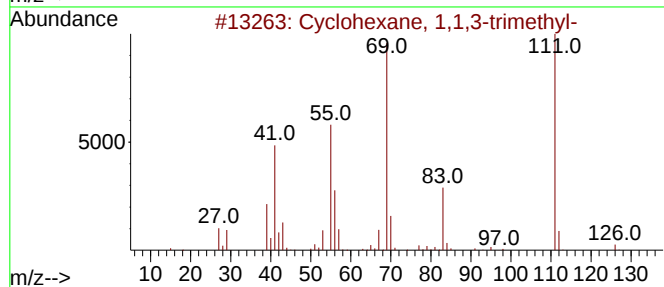
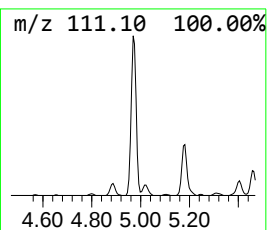
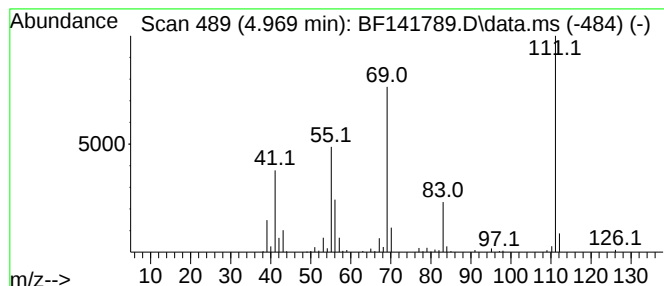
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.969	6.31 ng	300109	1,4-Dichlorobenzene-d4	6.781

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
2			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
3			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	64
4			3-Isopropyl-5-methyl-hex-4-en-2-one	154	C10H18O	077142-85-9	59
5			3-Hexene, 2,5-dimethyl-	112	C8H16	015910-22-2	43



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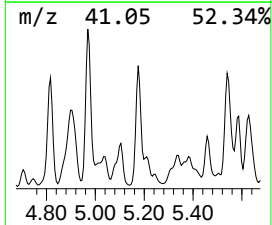
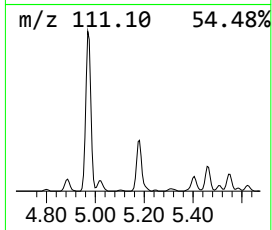
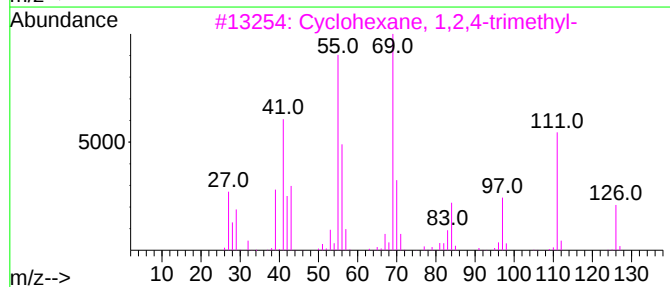
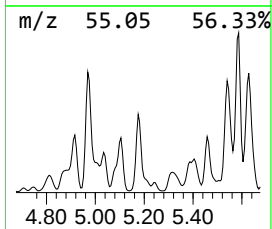
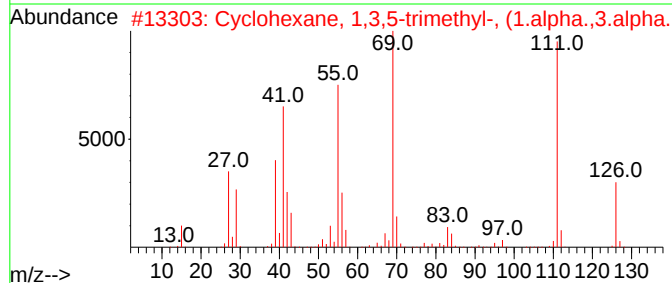
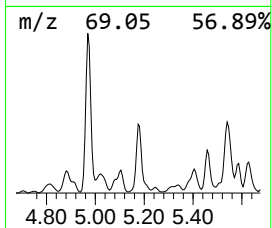
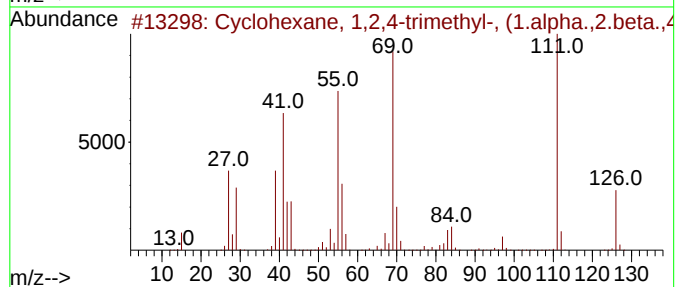
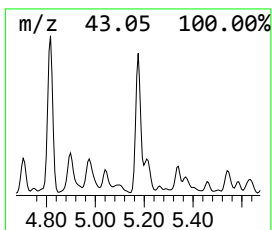
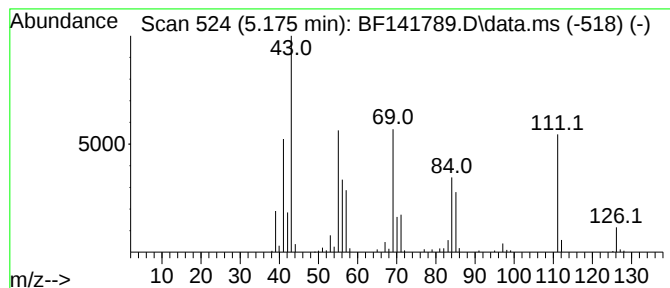
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Cyclohexane, 1,2,4-trimethyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.175	4.89 ng	232577	1,4-Dichlorobenzene-d4	6.781

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	60
2			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	49
3			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	49
4			1-Octene, 3,4-dimethyl-	140	C10H20	056728-11-1	43
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	43



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Acq On : 26 Feb 2025 18:25
Operator : RC/JU
Sample : Q1427-01
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ClientSampleId :
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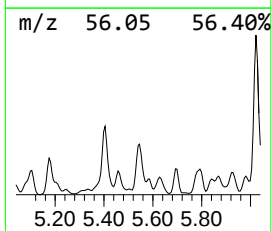
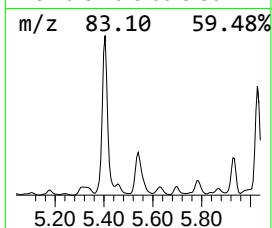
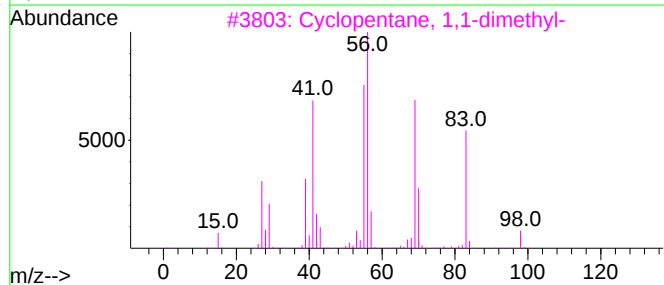
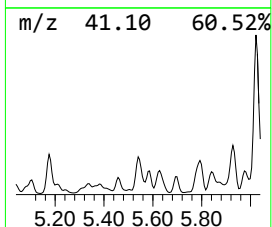
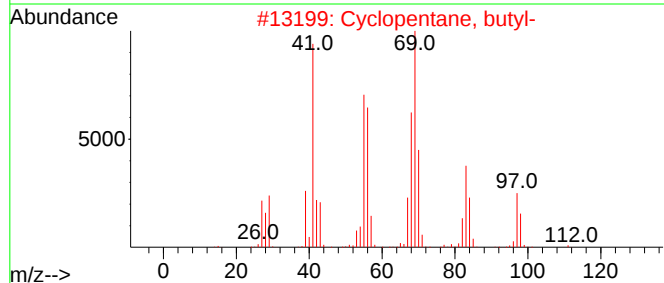
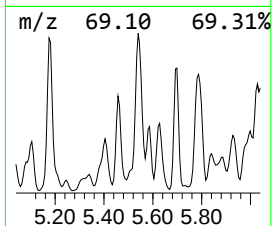
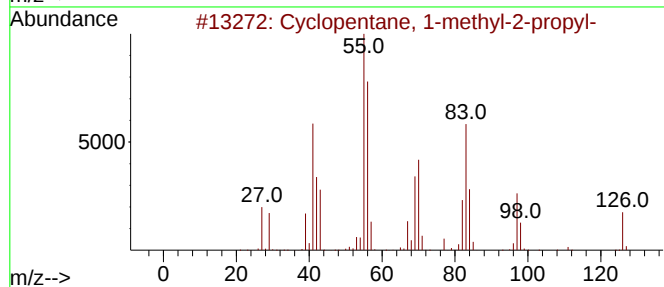
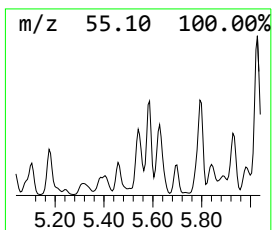
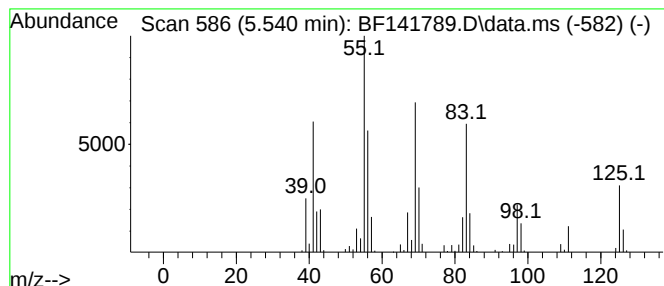
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclopentane, 1-methyl-2-pr... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.540	4.67 ng	221956	1,4-Dichlorobenzene-d4	6.781

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	64
2			Cyclopentane, butyl-	126	C9H18	002040-95-1	52
3			Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	46
4			cis-3-Nonene	126	C9H18	020237-46-1	43
5			trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	43



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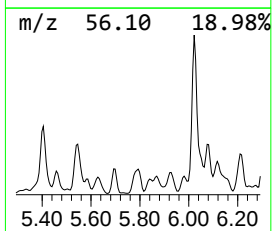
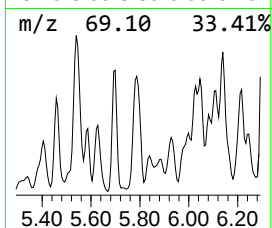
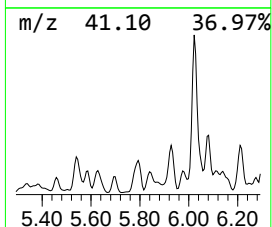
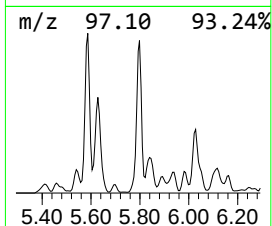
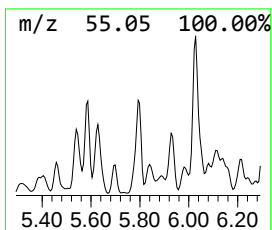
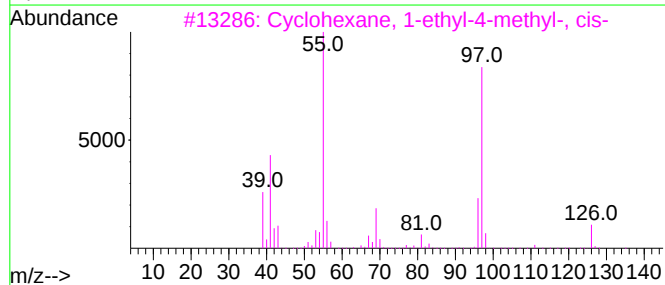
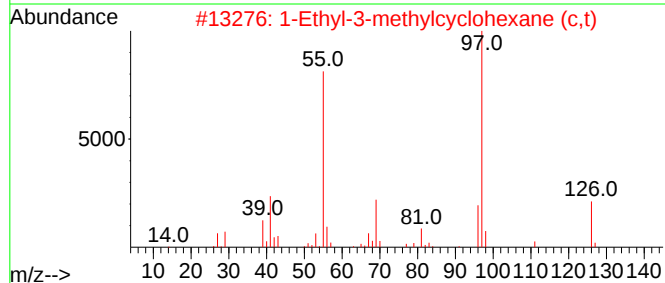
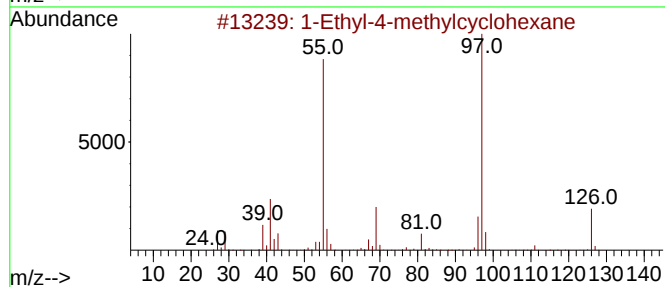
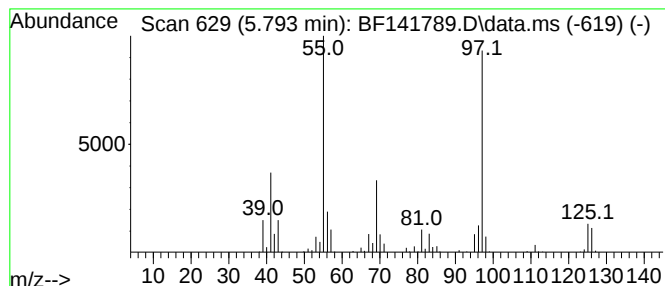
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1-Ethyl-4-methylcyclohexane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.793	5.88 ng	279604	1,4-Dichlorobenzene-d4	6.781	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	64
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	64
4	2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	64
5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
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ClientSampleId :
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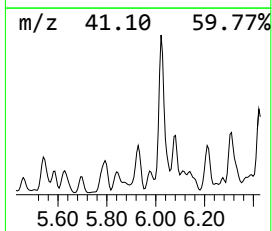
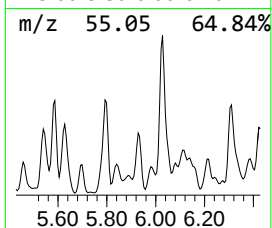
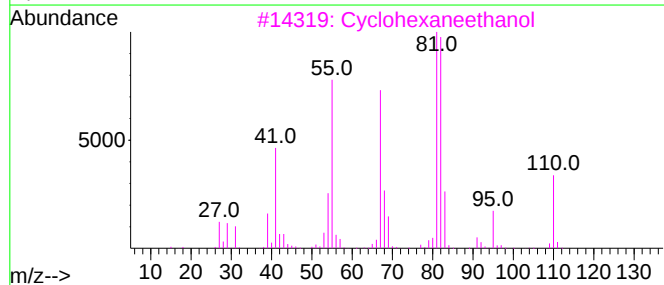
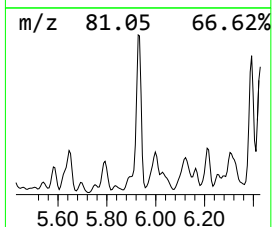
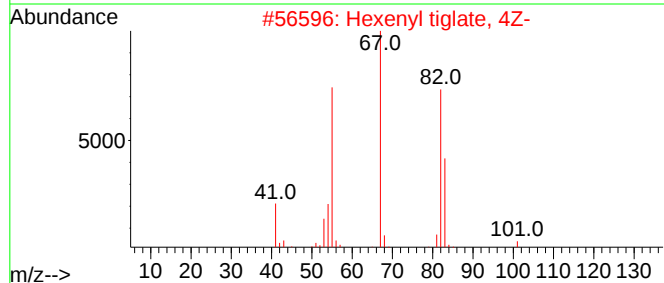
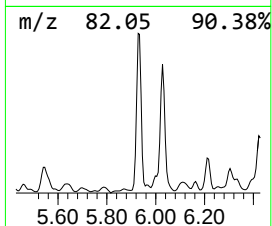
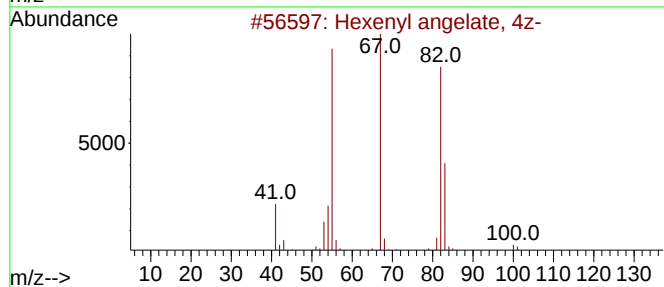
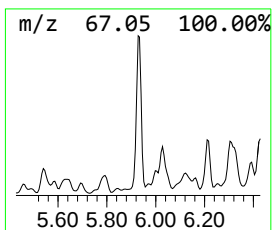
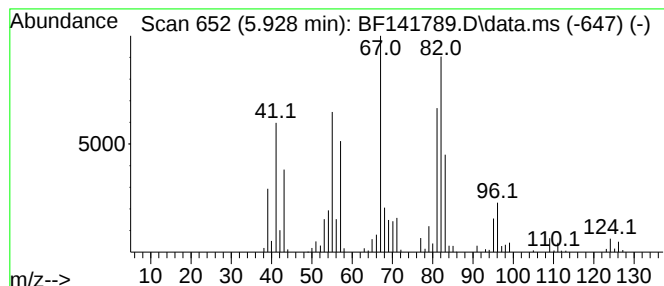
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexenyl angelate, 4z- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.928	6.36 ng	302618	1,4-Dichlorobenzene-d4	6.781

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexenyl angelate, 4z-	182	C11H18O2	1000383-63-7	59
2			Hexenyl tiglate, 4Z-	182	C11H18O2	1000383-63-6	59
3			Cyclohexaneethanol	128	C8H16O	004442-79-9	50
4			3-Aminocrotononitrile	82	C4H6N2	001118-61-2	49
5			Cyclohexaneethanol, acetate	170	C10H18O2	021722-83-8	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
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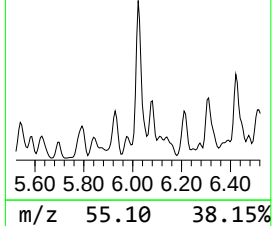
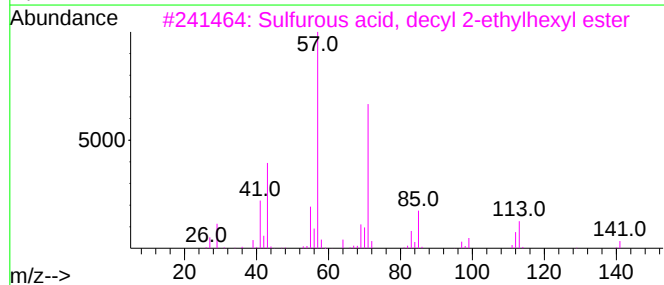
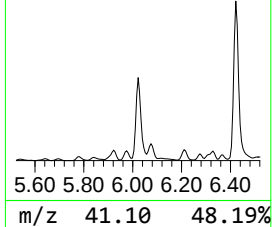
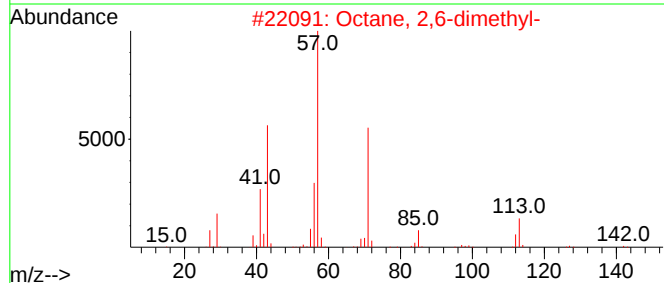
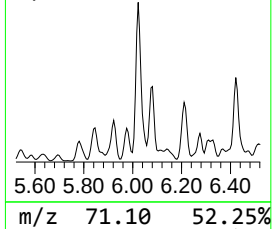
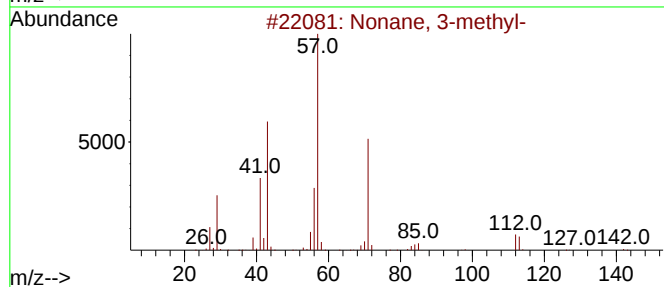
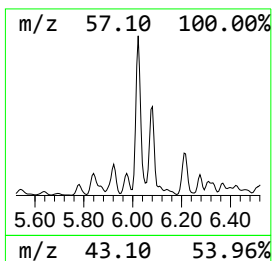
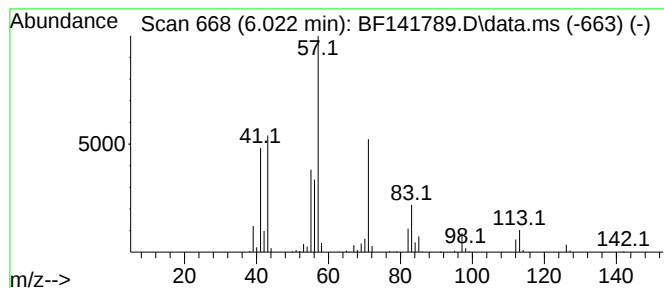
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Nonane, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.022	16.06 ng	763658	1,4-Dichlorobenzene-d4	6.781

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	62
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
3			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	53
4			Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	53
5			Sulfurous acid, 2-ethylhexyl iso...	250	C12H26O3S	1000309-18-7	50



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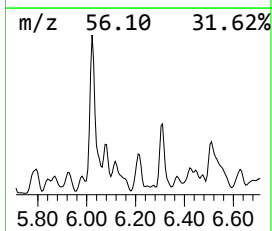
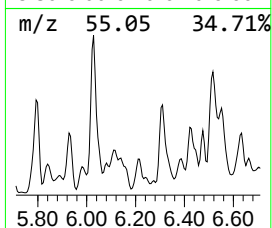
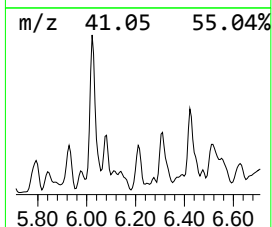
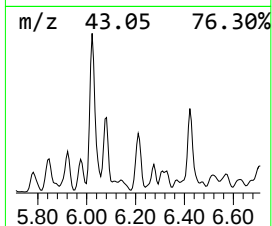
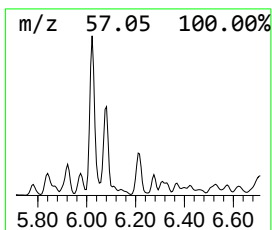
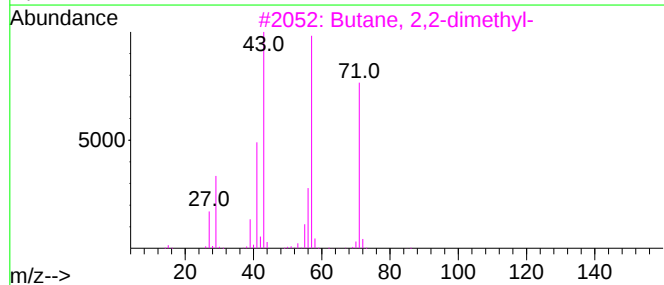
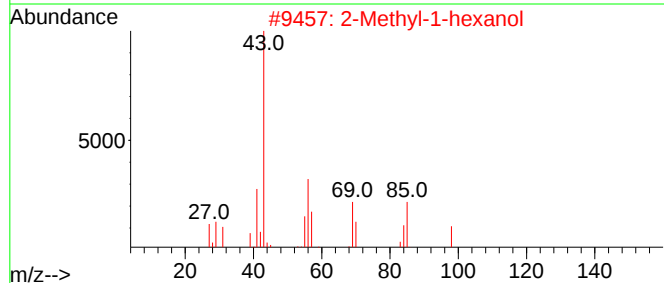
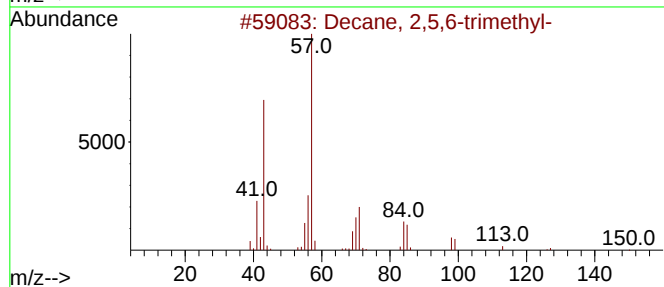
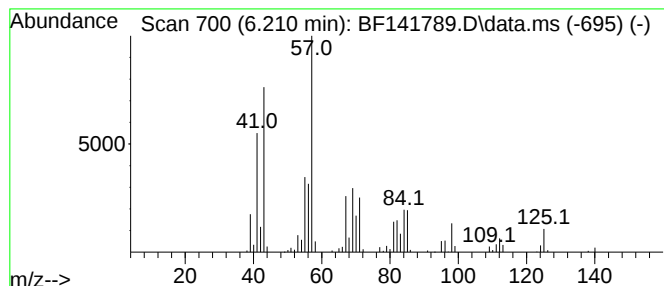
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown6.210 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.210	5.78 ng	274720	1,4-Dichlorobenzene-d4	6.781

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	47
2			2-Methyl-1-hexanol	116	C7H16O	1000427-67-0	27
3			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	27
4			Caprolactam	113	C6H11NO	000105-60-2	27
5			4-Piperidinecarboxamide	128	C6H12N2O	039546-32-2	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
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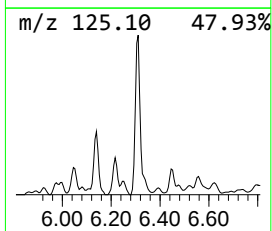
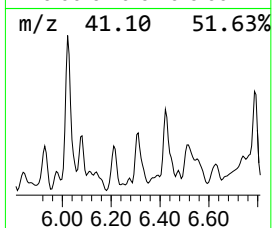
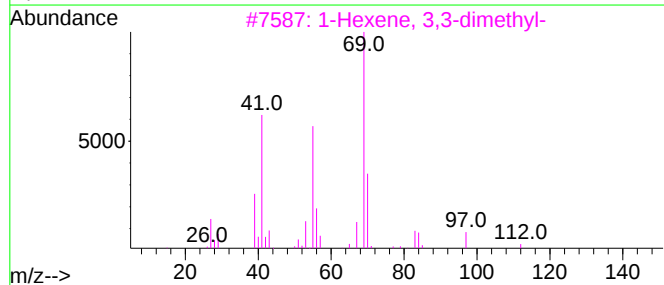
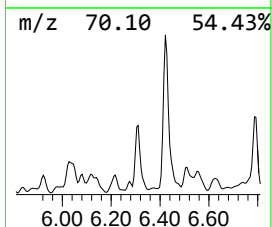
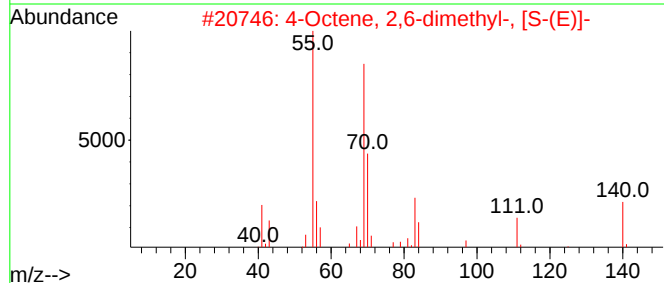
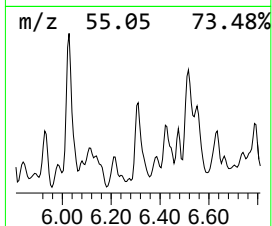
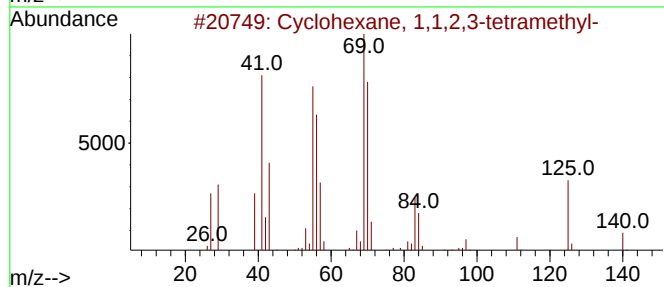
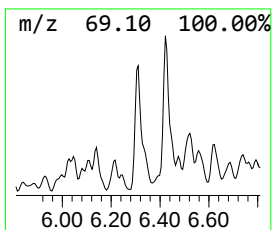
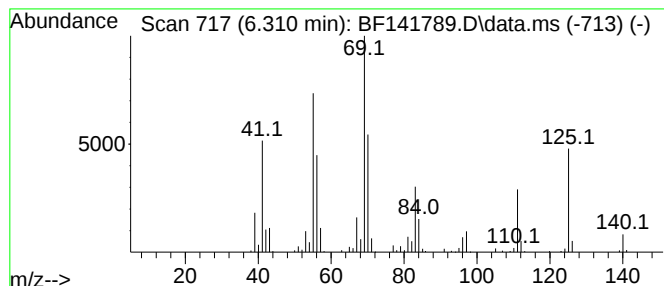
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.310	7.87 ng	374430	1,4-Dichlorobenzene-d4	6.781

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	74
2		4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	70
3		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	46
4		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	46
5		3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
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ALS Vial : 16 Sample Multiplier: 1

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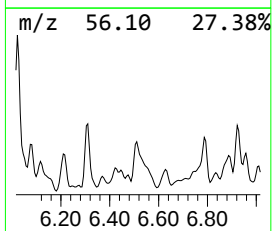
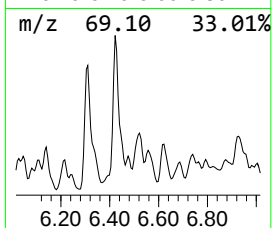
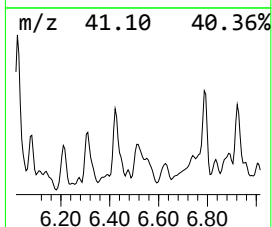
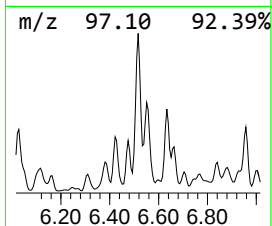
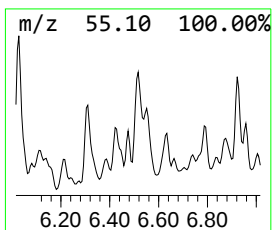
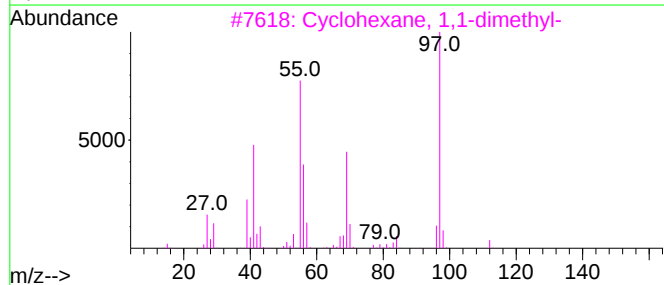
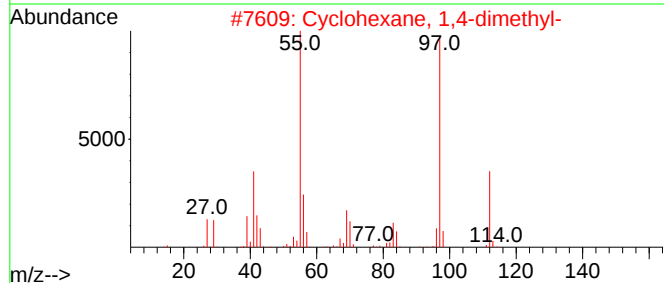
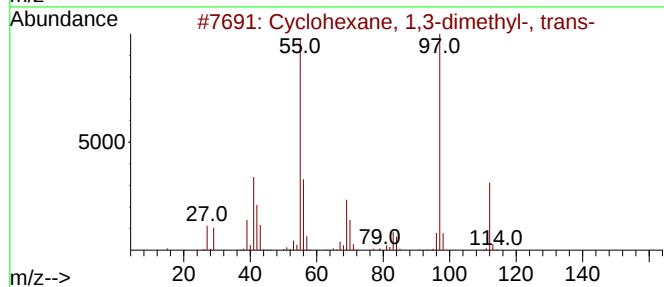
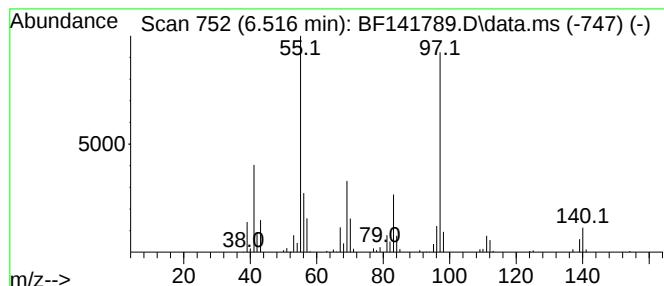
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.516	6.27 ng	298390	1,4-Dichlorobenzene-d4	6.781

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	81
2		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	72
3		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	70
4		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	64
5		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141789.D
Acq On : 26 Feb 2025 18:25
Operator : RC/JU
Sample : Q1427-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-227

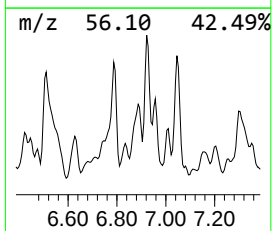
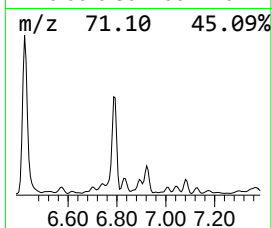
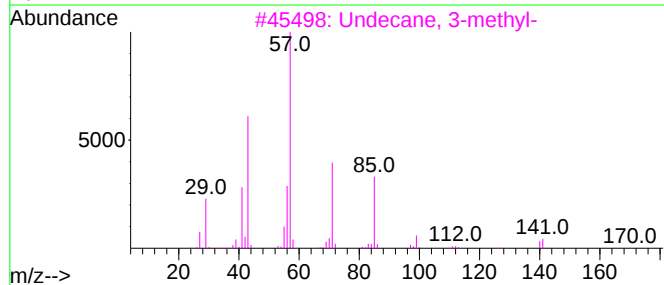
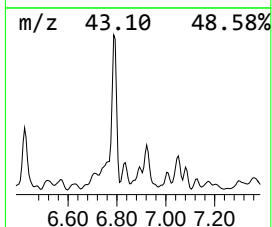
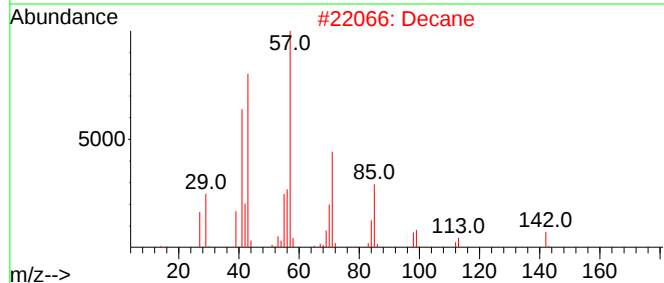
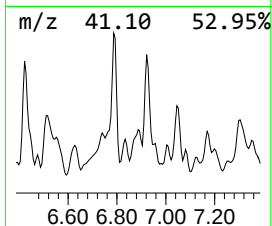
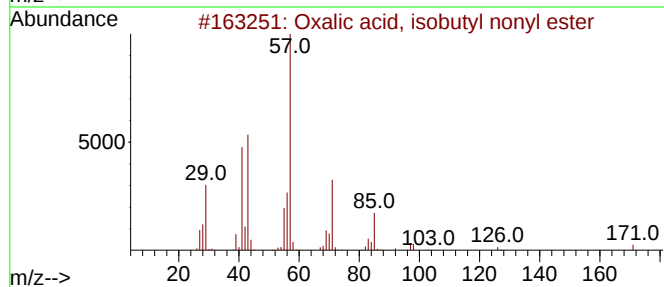
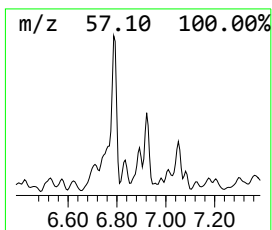
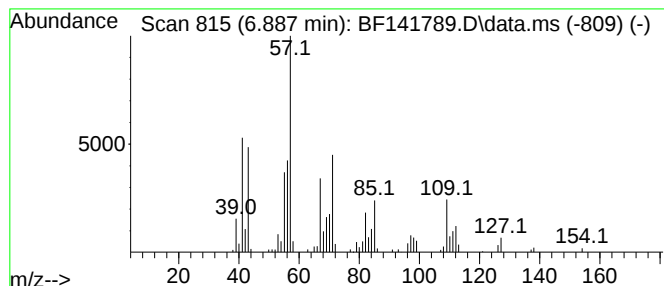
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown6.887 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.887	3.85 ng	183287	1,4-Dichlorobenzene-d4	6.781

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	43
2			Decane	142	C10H22	000124-18-5	38
3			Undecane, 3-methyl-	170	C12H26	001002-43-3	38
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	38
5			Hexadecane	226	C16H34	000544-76-3	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141789.D
Acq On : 26 Feb 2025 18:25
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ClientSampleId :
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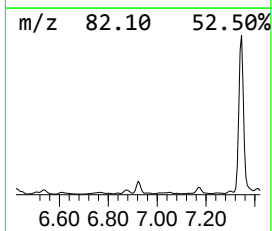
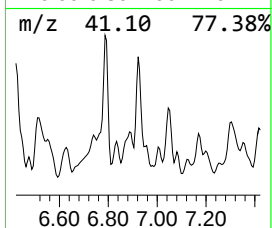
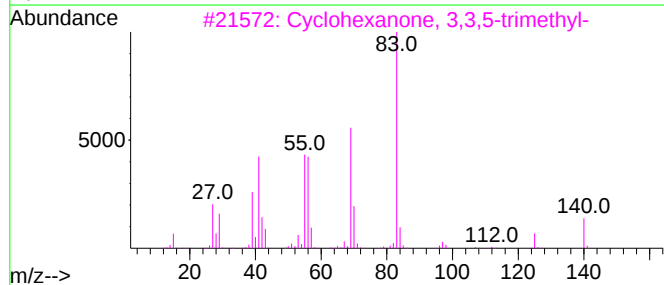
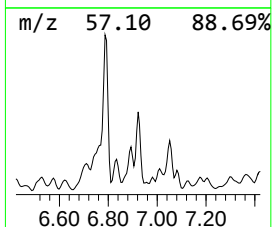
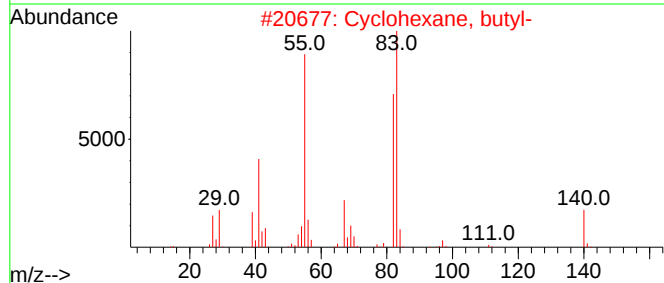
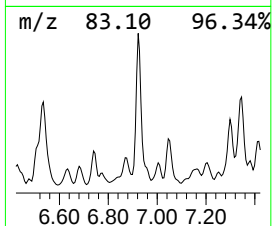
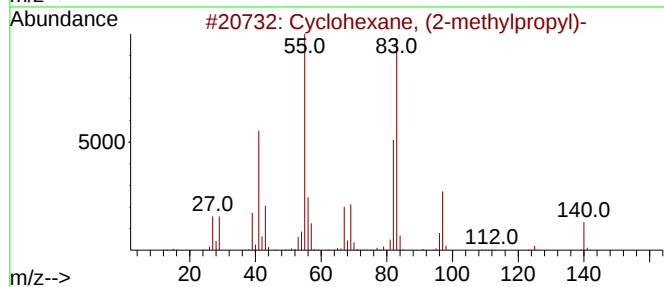
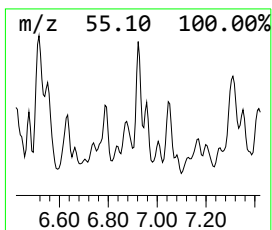
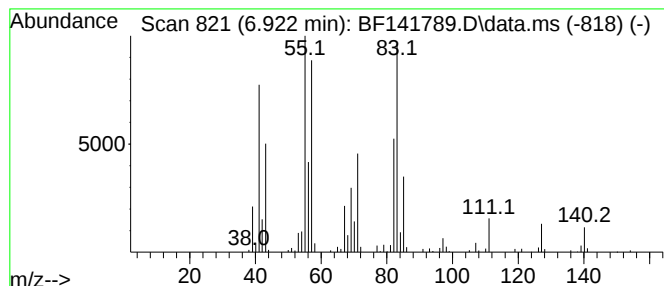
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclohexane, (2-methylpropyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.922	5.75 ng	273705	1,4-Dichlorobenzene-d4	6.781

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	52
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	46
3			Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	43
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	38
5			1,2,4-Triazol-1-ylacetic acid	127	C4H5N3O2	028711-29-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141789.D
Acq On : 26 Feb 2025 18:25
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Sample : Q1427-01
Misc :
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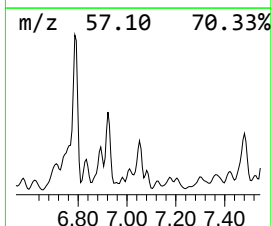
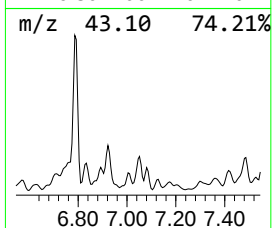
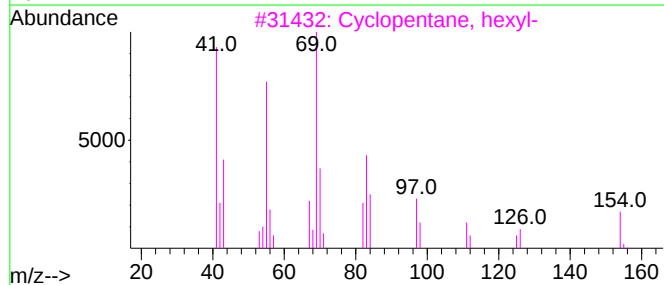
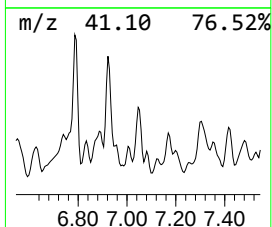
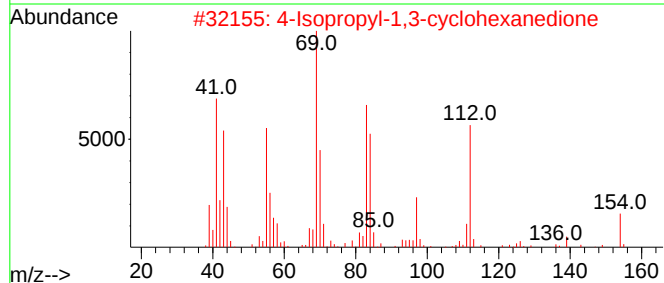
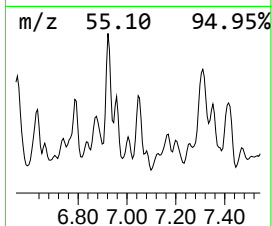
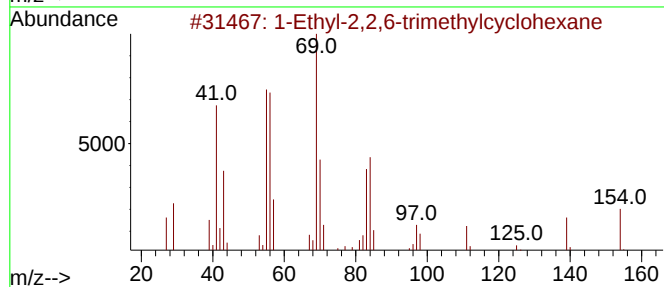
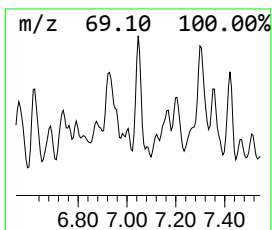
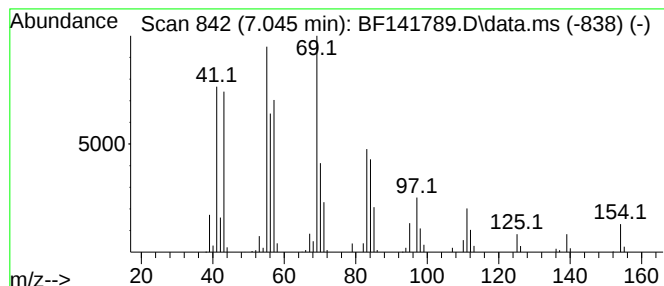
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-Ethyl-2,2,6-trimethylcycl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.045	4.90 ng	232900	1,4-Dichlorobenzene-d4	6.781

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	83
2		4-Isopropyl-1,3-cyclohexanedione	154	C9H14O2	062831-62-3	64
3		Cyclopentane, hexyl-	154	C11H22	004457-00-5	62
4		4-Undecene, (E)-	154	C11H22	000693-62-9	52
5		1-Hexene, 3-methyl-	98	C7H14	003404-61-3	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141789.D
Acq On : 26 Feb 2025 18:25
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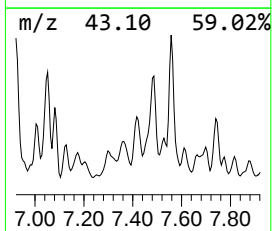
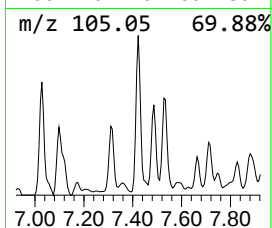
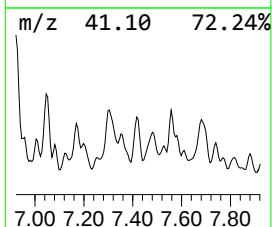
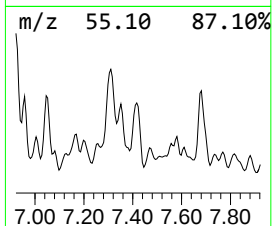
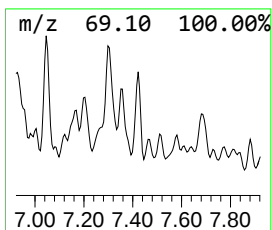
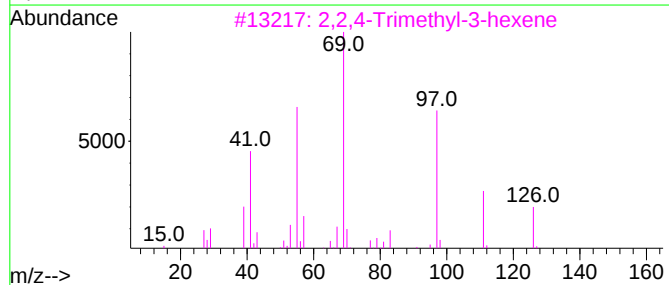
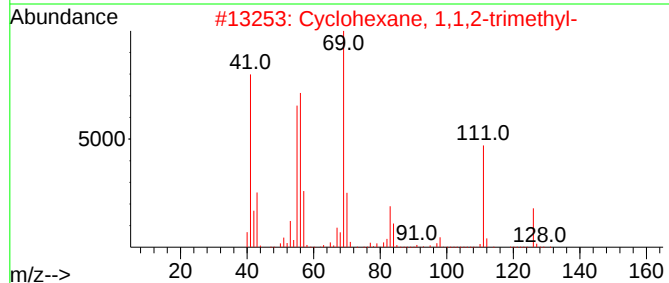
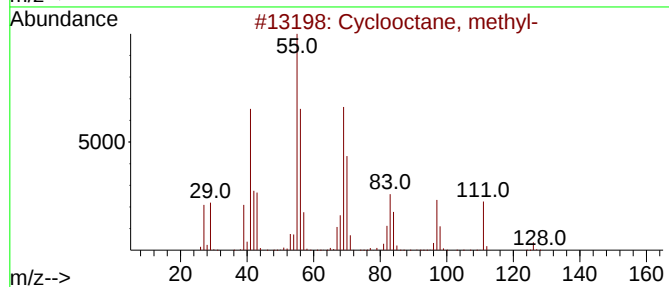
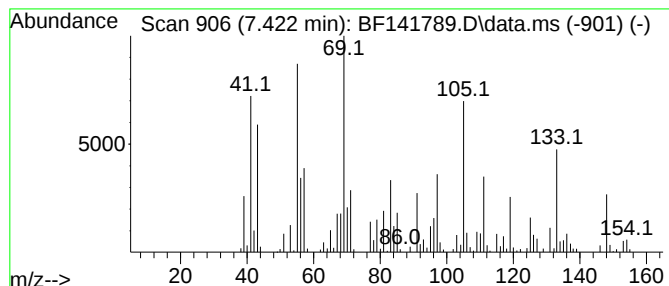
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown7.422 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.422	6.27 ng	214290	Naphthalene-d8	8.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctane, methyl-	126	C9H18	001502-38-1	43
2			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	38
3			2,2,4-Trimethyl-3-hexene	126	C9H18	059643-72-0	35
4			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	30
5			Cyclopentanecarboxylic acid, all...	154	C9H14O2	178905-33-4	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141789.D
Acq On : 26 Feb 2025 18:25
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Misc :
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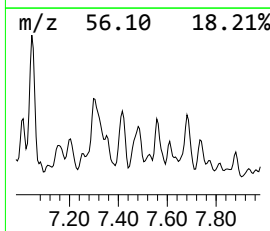
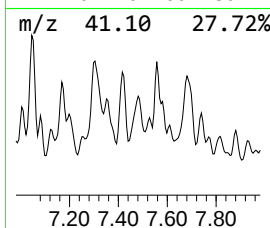
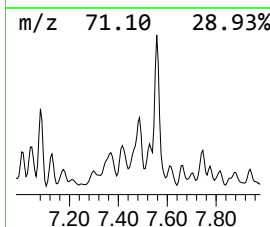
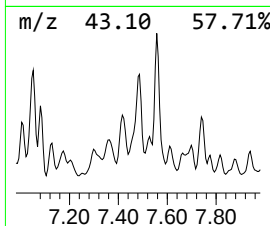
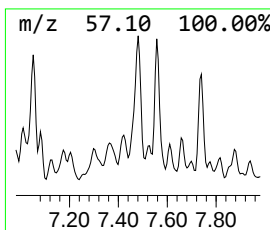
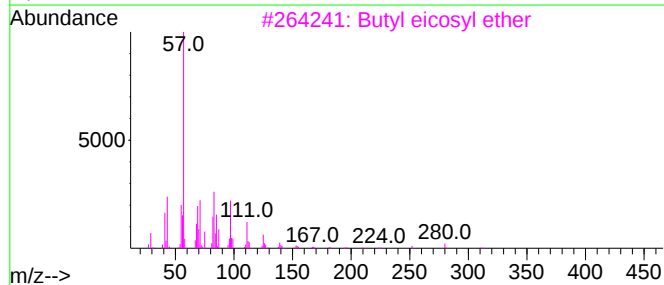
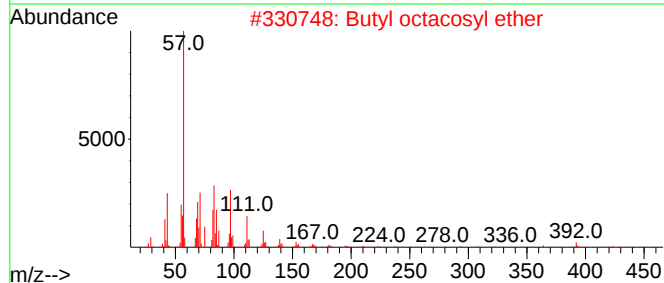
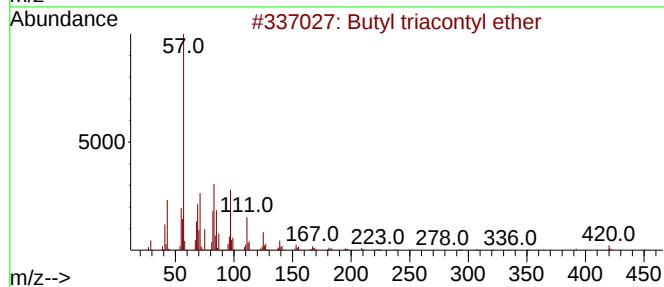
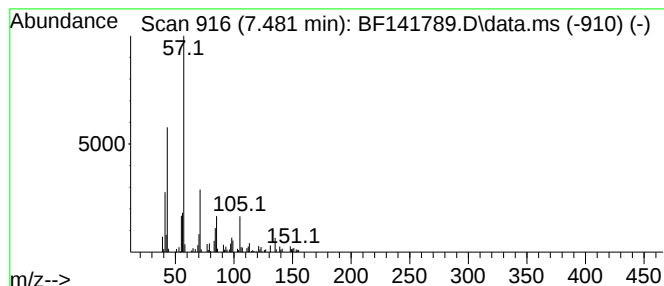
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Butyl triacontyl ether Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.481	5.48 ng	187465	Naphthalene-d8	8.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butyl triacontyl ether	495	C34H70O	1000406-41-2	59
2			Butyl octacosyl ether	467	C32H66O	1000406-41-1	59
3			Butyl eicosyl ether	354	C24H50O	1000406-40-7	53
4			Tetradecane, 2,5-dimethyl-	226	C16H34	056292-69-4	50
5			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141789.D
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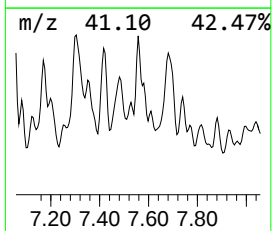
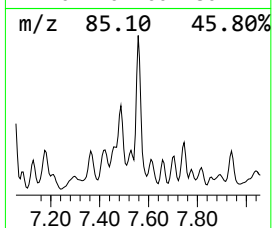
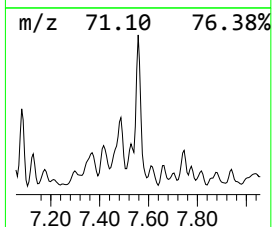
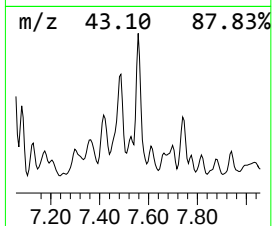
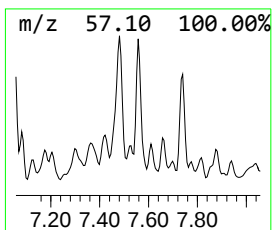
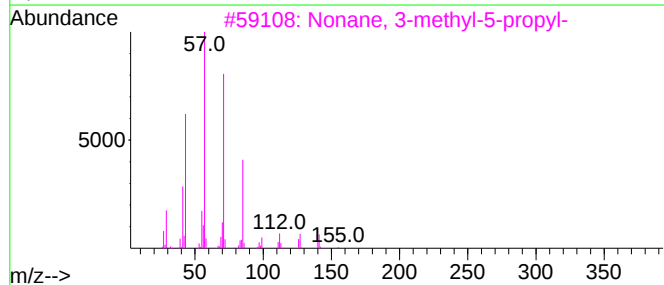
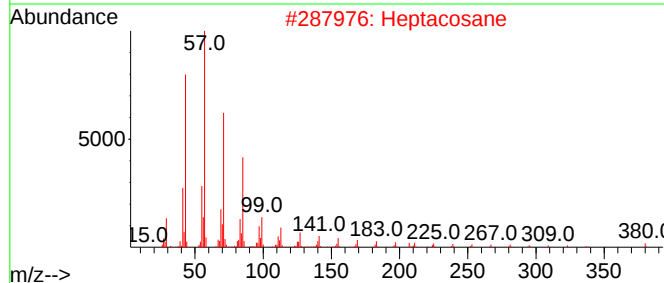
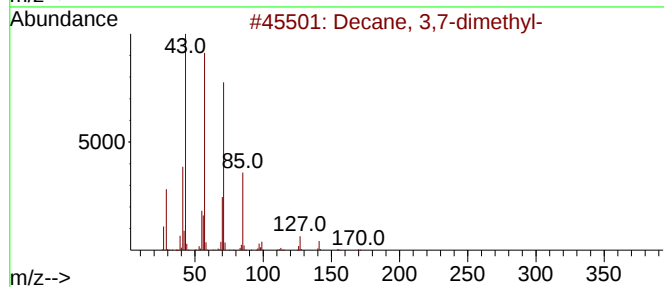
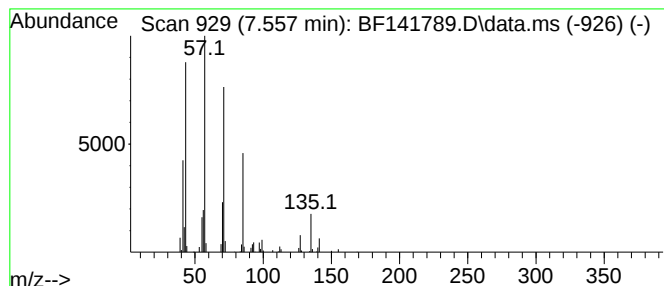
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Decane, 3,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.557	3.83 ng	130872	Naphthalene-d8	8.063

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	86
2		Heptacosane	380	C27H56	000593-49-7	72
3		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
4		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	64
5		Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141789.D
Acq On : 26 Feb 2025 18:25
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Sample : Q1427-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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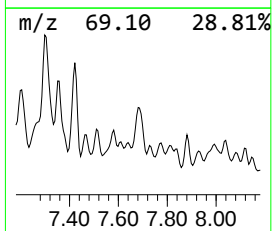
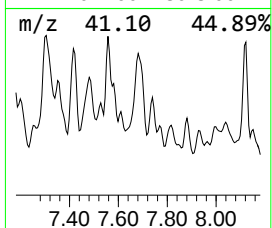
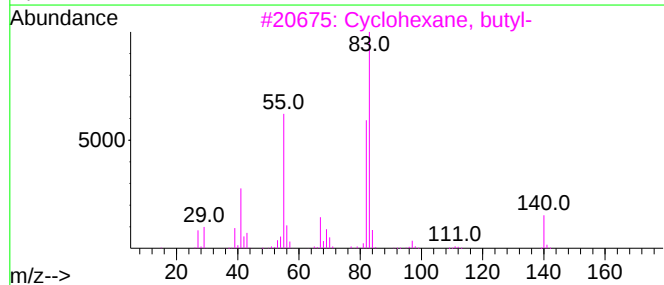
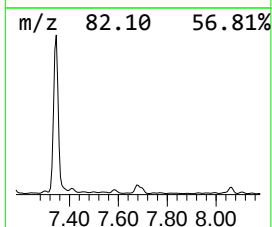
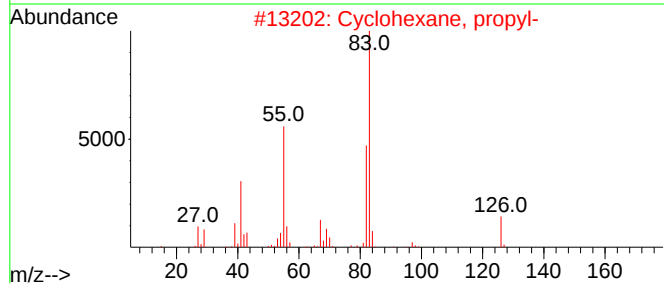
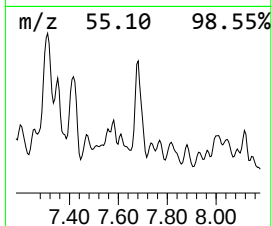
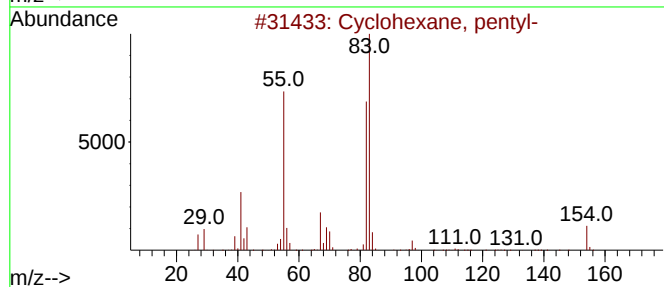
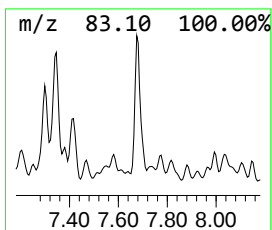
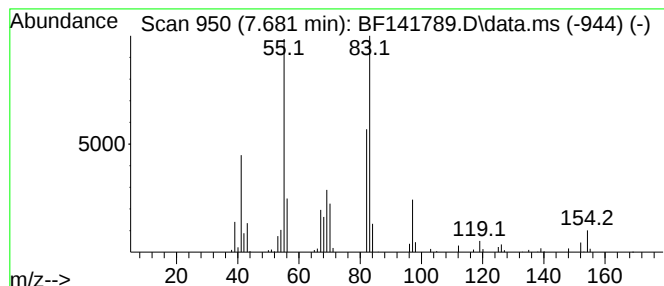
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclohexane, pentyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.681	4.37 ng	149555	Naphthalene-d8	8.063

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	59
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	59
4		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	53
5		Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141789.D
Acq On : 26 Feb 2025 18:25
Operator : RC/JU
Sample : Q1427-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

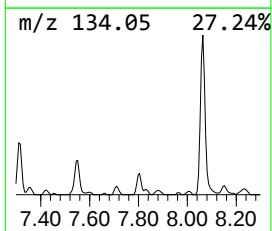
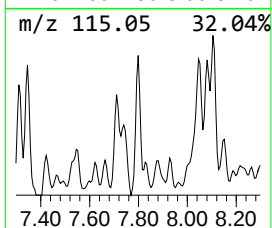
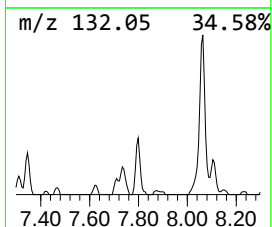
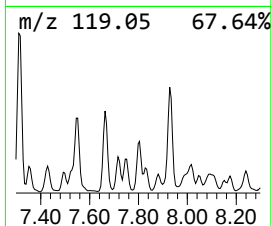
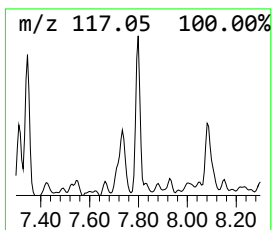
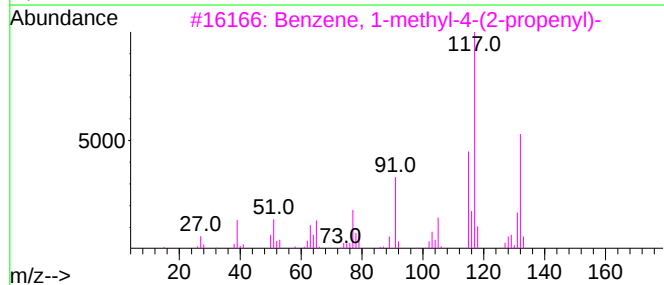
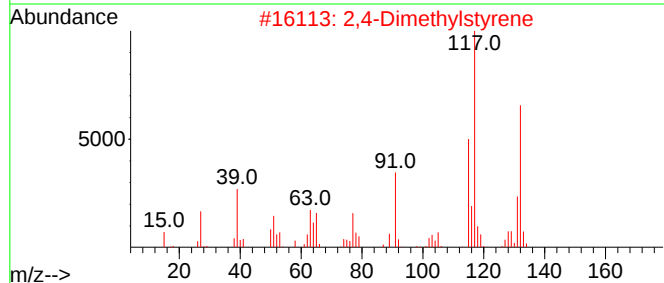
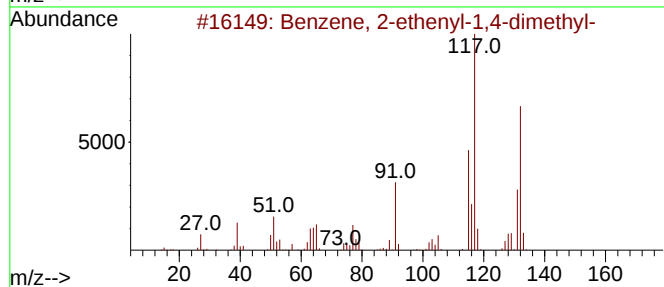
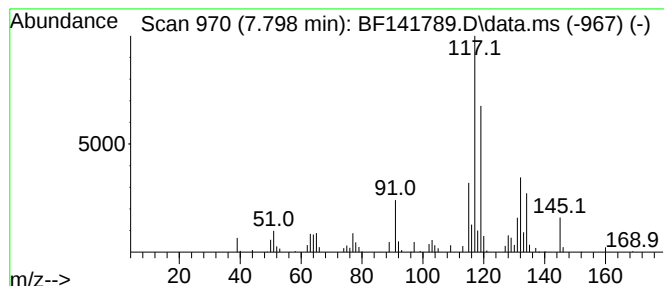
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ClientSampleId :
VNJ-227

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.798	3.93 ng	134257	Naphthalene-d8	8.063	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	89
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141789.D
Acq On : 26 Feb 2025 18:25
Operator : RC/JU
Sample : Q1427-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-227

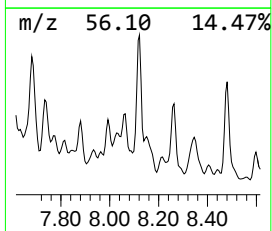
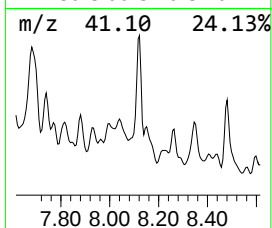
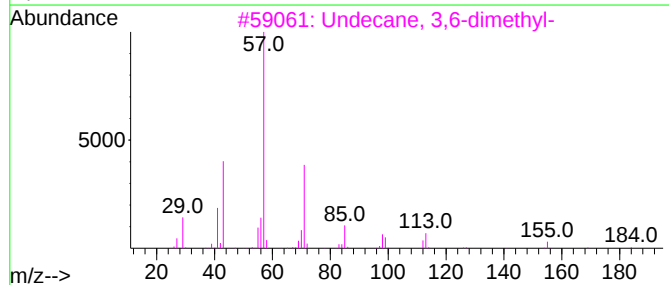
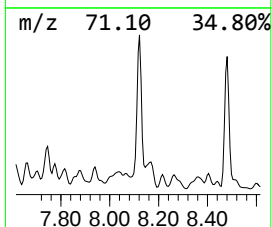
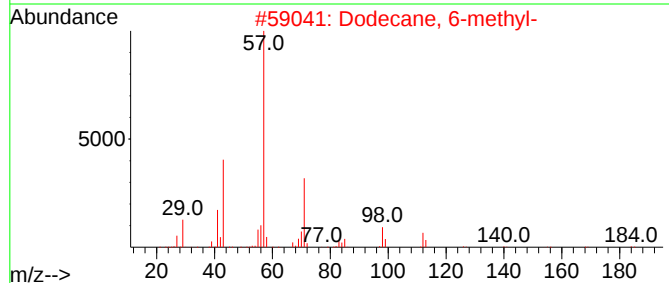
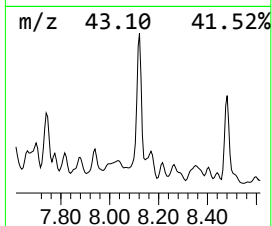
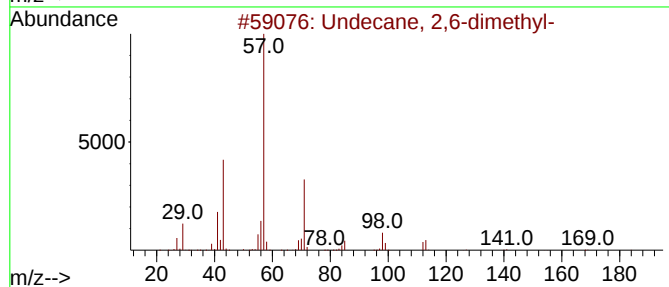
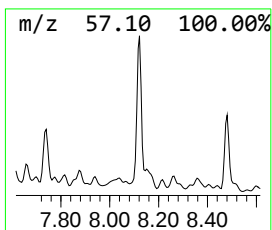
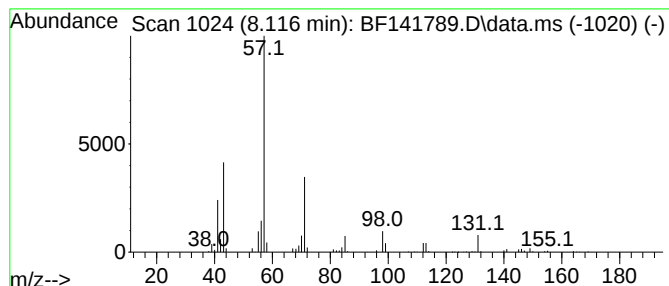
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Undecane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.116	5.64 ng	192866	Naphthalene-d8	8.063

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	86
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	72
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	50
5		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141789.D
Acq On : 26 Feb 2025 18:25
Operator : RC/JU
Sample : Q1427-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-227

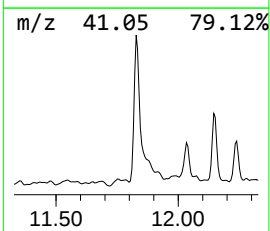
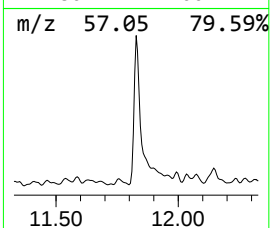
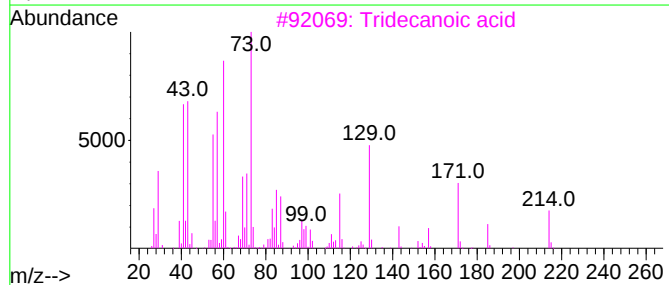
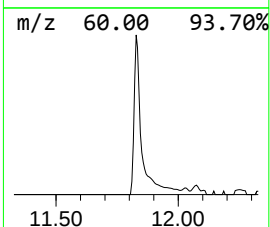
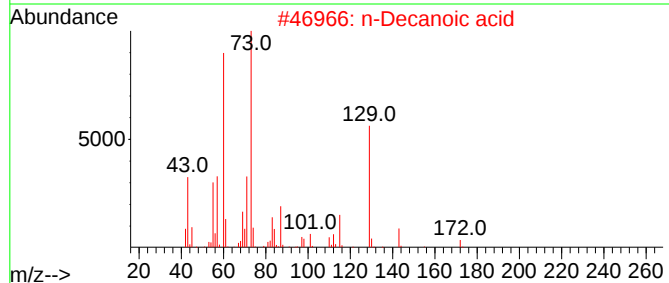
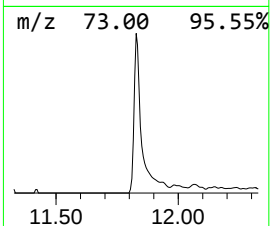
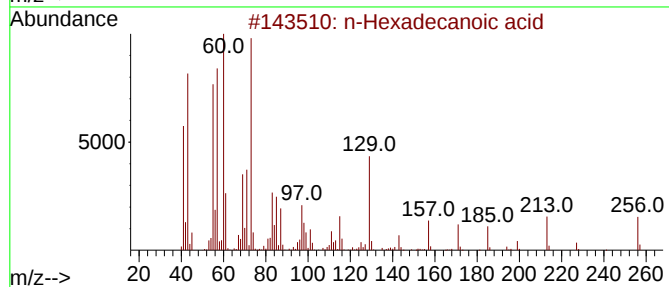
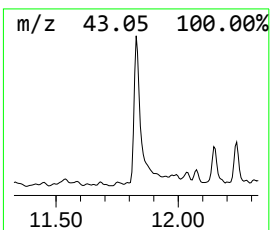
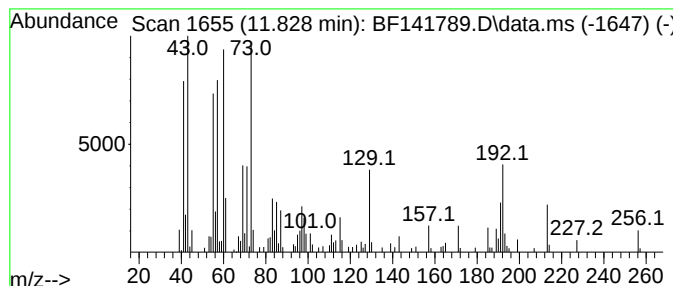
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.828	4.74 ng	183671	Phenanthrene-d10	11.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			n-Decanoic acid	172	C10H20O2	000334-48-5	91
3			Tridecanoic acid	214	C13H26O2	000638-53-9	87
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
 Data File : BF141789.D
 Acq On : 26 Feb 2025 18:25
 Operator : RC/JU
 Sample : Q1427-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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
Heptane, 2,5-di...	4.899	4.4	ng	210932	1	6.781	951291	20.0
Cyclohexane, 1,...	4.969	6.3	ng	300109	1	6.781	951291	20.0
Cyclohexane, 1,...	5.175	4.9	ng	232577	1	6.781	951291	20.0
Cyclopentane, 1...	5.540	4.7	ng	221956	1	6.781	951291	20.0
1-Ethyl-4-methy...	5.793	5.9	ng	279604	1	6.781	951291	20.0
Hexenyl angelat...	5.928	6.4	ng	302618	1	6.781	951291	20.0
Nonane, 3-methyl-	6.022	16.1	ng	763658	1	6.781	951291	20.0
unknown6.210	6.210	5.8	ng	274720	1	6.781	951291	20.0
Cyclohexane, 1,...	6.310	7.9	ng	374430	1	6.781	951291	20.0
Cyclohexane, 1,...	6.516	6.3	ng	298390	1	6.781	951291	20.0
unknown6.887	6.887	3.9	ng	183287	1	6.781	951291	20.0
Cyclohexane, (2...	6.922	5.8	ng	273705	1	6.781	951291	20.0
1-Ethyl-2,2,6-t...	7.045	4.9	ng	232900	1	6.781	951291	20.0
unknown7.422	7.422	6.3	ng	214290	2	8.063	684017	20.0
Butyl triaconty...	7.481	5.5	ng	187465	2	8.063	684017	20.0
Decane, 3,7-dim...	7.557	3.8	ng	130872	2	8.063	684017	20.0
Cyclohexane, pe...	7.681	4.4	ng	149555	2	8.063	684017	20.0
Benzene, 2-ethe...	7.798	3.9	ng	134257	2	8.063	684017	20.0
Undecane, 2,6-d...	8.116	5.6	ng	192866	2	8.063	684017	20.0
n-Hexadecanoic ...	11.828	4.7	ng	183671	4	11.298	775557	20.0