

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
 Data File : BF130857.D
 Acq On : 29 Oct 2022 15:13
 Operator : CG\JU
 Sample : N5267-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4-1024

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-BF102722.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130857.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.263	23	30	36	rVB	663635	863347	21.11%	0.964%
2	5.169	520	524	532	rBV	273130	333701	8.16%	0.373%
3	5.557	584	590	593	rBV	2172155	2087486	51.03%	2.330%
4	6.187	692	697	704	rBV2	171639	246749	6.03%	0.275%
5	6.393	724	732	734	rBV3	113028	205913	5.03%	0.230%
6	6.481	743	747	752	rBV4	160397	246848	6.03%	0.276%
7	6.557	755	760	763	rVB	2017610	2058409	50.32%	2.298%
8	6.681	777	781	786	rBV5	131855	273236	6.68%	0.305%
9	6.945	822	826	829	rVB2	963231	964400	23.58%	1.077%
10	7.051	838	844	847	rBV4	185981	309634	7.57%	0.346%
11	7.087	847	850	854	rBV	504892	555464	13.58%	0.620%
12	7.122	854	856	858	rVB	218320	161415	3.95%	0.180%
13	7.169	861	864	866	rBV2	154232	169787	4.15%	0.190%
14	7.216	866	872	874	rVB3	447511	522999	12.79%	0.584%
15	7.340	886	893	895	rBV4	385161	509915	12.47%	0.569%
16	7.363	895	897	902	rVB4	200925	325141	7.95%	0.363%
17	7.463	911	914	915	rBV2	436451	402781	9.85%	0.450%
18	7.504	918	921	927	rVB	1293724	1588632	38.84%	1.773%
19	7.587	930	935	938	rBV4	665424	1018114	24.89%	1.137%
20	7.640	938	944	948	rBV3	613663	1227269	30.00%	1.370%
21	7.692	948	953	955	rBV3	214563	332764	8.13%	0.371%
22	7.722	955	958	960	rBV2	691469	559869	13.69%	0.625%
23	7.751	960	963	966	rBV3	516258	479015	11.71%	0.535%
24	7.828	972	976	977	rBV3	443853	490917	12.00%	0.548%
25	7.845	977	979	981	rVV	755404	661999	16.18%	0.739%
26	7.869	981	983	986	rVV3	862572	733265	17.93%	0.819%
27	7.898	986	988	992	rVB2	609881	647717	15.83%	0.723%
28	7.940	992	995	997	rVB3	345743	332956	8.14%	0.372%
29	7.969	997	1000	1001	rBV	411691	385140	9.42%	0.430%
30	8.045	1010	1013	1019	rBV6	443866	661961	16.18%	0.739%
31	8.104	1019	1023	1025	rBV3	459600	620938	15.18%	0.693%
32	8.134	1025	1028	1030	rBV2	499108	475487	11.62%	0.531%
33	8.169	1031	1034	1035	rVV3	558351	573994	14.03%	0.641%
34	8.222	1039	1043	1047	rVV3	1070727	2273467	55.58%	2.538%
35	8.292	1050	1055	1057	rVB2	3534257	4090570	100.00%	4.566%
36	8.322	1057	1060	1062	rBV3	1047460	1093827	26.74%	1.221%

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.387	1068	1071	1073	rBV2	621128	773501	18.91%	0.863%
38	8.410	1073	1075	1077	rVV2	616145	686976	16.79%	0.767%
39	8.439	1077	1080	1082	rVB3	1067403	1102836	26.96%	1.231%
40	8.528	1090	1095	1098	rVB4	1777161	2046212	50.02%	2.284%
41	8.581	1102	1104	1107	rVB4	610809	526664	12.88%	0.588%
42	8.616	1107	1110	1113	rBV2	953729	1050349	25.68%	1.172%
43	8.657	1113	1117	1119	rBV	2897934	2628426	64.26%	2.934%
44	8.681	1119	1121	1122	rBV2	448714	329654	8.06%	0.368%
45	8.745	1129	1132	1134	rBV3	923539	916164	22.40%	1.023%
46	8.781	1134	1138	1140	rVV4	1243772	1422317	34.77%	1.588%
47	8.828	1144	1146	1149	rBV4	651469	864022	21.12%	0.964%
48	8.922	1159	1162	1166	rVB3	2098939	2629533	64.28%	2.935%
49	8.987	1171	1173	1175	rVB3	673075	487186	11.91%	0.544%
50	9.016	1175	1178	1180	rBV3	660728	903481	22.09%	1.009%
51	9.081	1188	1189	1192	rVB2	915433	642828	15.71%	0.718%
52	9.110	1192	1194	1197	rBV4	786798	1074302	26.26%	1.199%
53	9.145	1197	1200	1204	rVB5	1324252	1674725	40.94%	1.869%
54	9.187	1204	1207	1209	rBV4	473181	471536	11.53%	0.526%
55	9.234	1213	1215	1217	rVV2	523341	388407	9.50%	0.434%
56	9.257	1217	1219	1225	rVB3	3304264	3411476	83.40%	3.808%
57	9.316	1226	1229	1231	rBV	2134126	1815507	44.38%	2.027%
58	9.351	1233	1235	1237	rBV2	394995	310835	7.60%	0.347%
59	9.398	1239	1243	1247	rBV3	1439500	1719978	42.05%	1.920%
60	9.434	1247	1249	1253	rVV4	530877	558872	13.66%	0.624%
61	9.510	1260	1262	1263	rBV3	475682	374551	9.16%	0.418%
62	9.628	1280	1282	1284	rVB3	571096	465113	11.37%	0.519%
63	9.651	1284	1286	1288	rVV2	675767	495881	12.12%	0.554%
64	9.675	1288	1290	1293	rVV4	613735	588966	14.40%	0.657%
65	9.716	1293	1297	1300	rVV3	3255315	3389361	82.86%	3.783%
66	9.739	1300	1301	1303	rVB2	514733	306679	7.50%	0.342%
67	9.792	1308	1310	1312	rVV2	459564	444597	10.87%	0.496%
68	9.816	1312	1314	1316	rVB	974431	712901	17.43%	0.796%
69	9.863	1319	1322	1325	rVB4	860585	960957	23.49%	1.073%
70	9.910	1325	1330	1332	rBV4	579790	960090	23.47%	1.072%
71	9.934	1332	1334	1336	rBV3	357472	297780	7.28%	0.332%
72	10.034	1348	1351	1353	rBV3	647398	671569	16.42%	0.750%
73	10.104	1360	1363	1367	rBV3	671427	893112	21.83%	0.997%
74	10.145	1367	1370	1373	rBV2	536061	593721	14.51%	0.663%
75	10.239	1383	1386	1395	rVB5	1492938	2707591	66.19%	3.022%
76	10.316	1396	1399	1401	rBV2	1283609	1145502	28.00%	1.279%

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77	10.363	1405	1407	1411	rVB2	654132	564308	13.80%	0.630%
78	10.404	1411	1414	1419	rBV4	754619	1245890	30.46%	1.391%
79	10.451	1419	1422	1424	rBV3	534216	558340	13.65%	0.623%
80	10.539	1435	1437	1440	rBV2	453635	418022	10.22%	0.467%
81	10.639	1450	1454	1460	rVV2	1819017	2433868	59.50%	2.717%
82	10.692	1461	1463	1468	rVB4	550965	868226	21.23%	0.969%
83	10.763	1473	1475	1477	rVV2	464491	325452	7.96%	0.363%
84	10.786	1477	1479	1481	rVB	1086765	746088	18.24%	0.833%
85	10.910	1496	1500	1503	rBV	2542856	2414445	59.02%	2.695%
86	10.981	1510	1512	1515	rVB3	331252	316364	7.73%	0.353%
87	11.375	1575	1579	1585	rVB2	1347874	1649017	40.31%	1.841%
88	11.486	1595	1598	1600	rBV2	651151	635337	15.53%	0.709%
89	11.510	1600	1602	1606	rVB	512757	429533	10.50%	0.479%
90	11.722	1635	1638	1641	rVB3	326341	308567	7.54%	0.344%
91	11.998	1681	1685	1686	rBV2	205048	259525	6.34%	0.290%
92	12.704	1802	1805	1809	rVB	704476	563142	13.77%	0.629%
93	12.927	1838	1843	1849	rVB	540428	586823	14.35%	0.655%
94	13.069	1863	1867	1873	rVB	1642016	1502806	36.74%	1.678%
95	14.127	2042	2047	2049	rBV2	521655	646871	15.81%	0.722%
96	14.151	2049	2051	2054	rVB	245989	188381	4.61%	0.210%
97	15.192	2224	2228	2232	rBV	198958	346528	8.47%	0.387%
98	15.510	2279	2282	2289	rVB	122962	169394	4.14%	0.189%
99	15.574	2290	2293	2297	rBV	140717	171944	4.20%	0.192%
100	15.645	2301	2305	2308	rBV	245795	304819	7.45%	0.340%

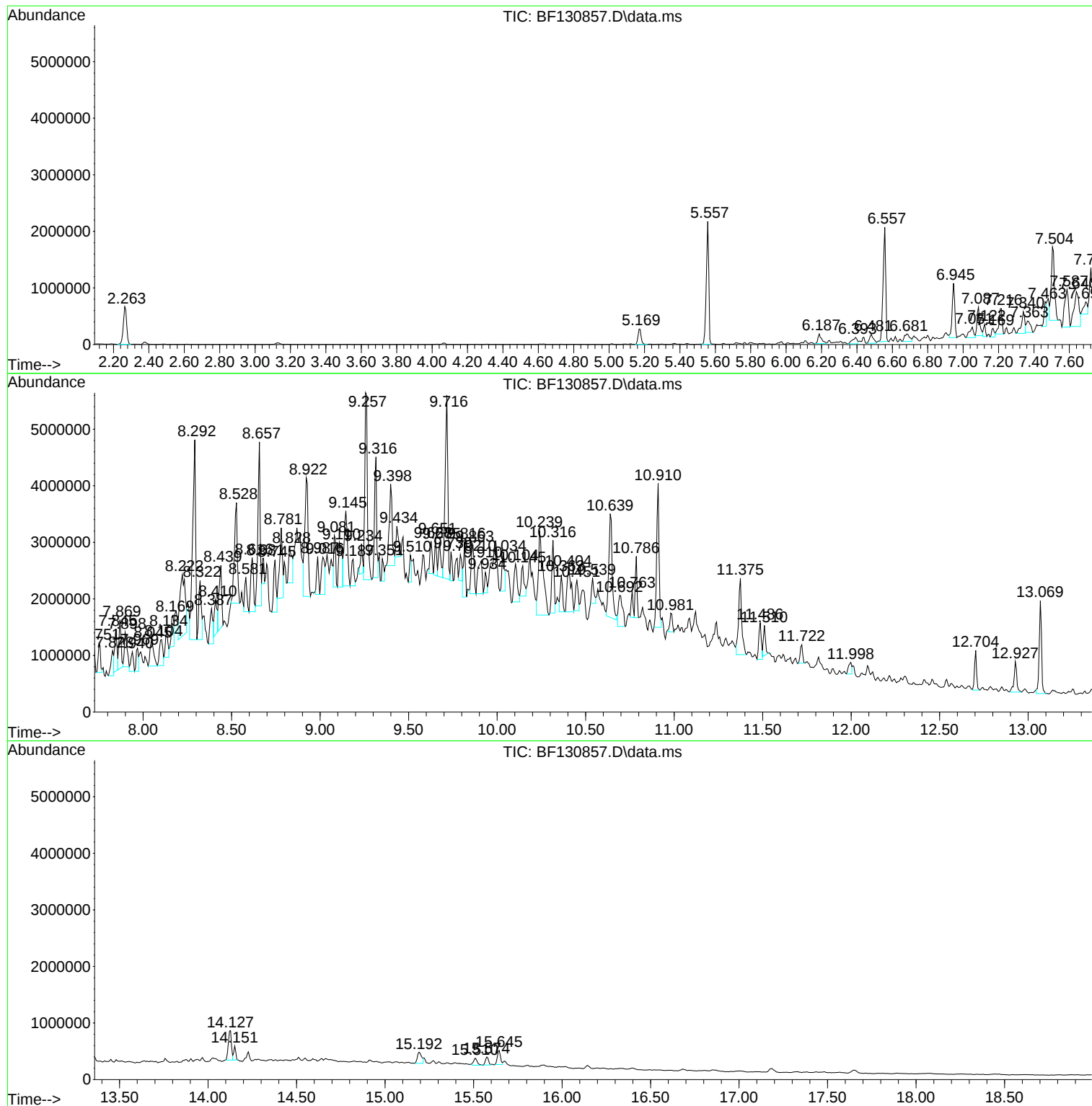
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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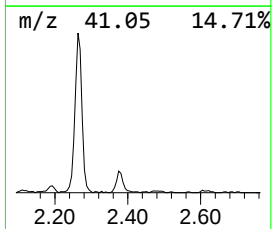
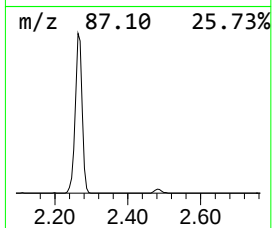
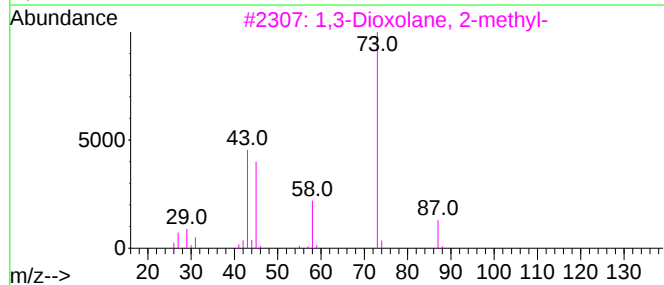
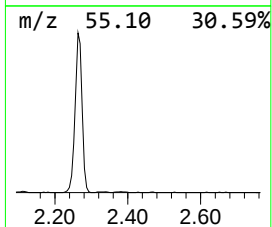
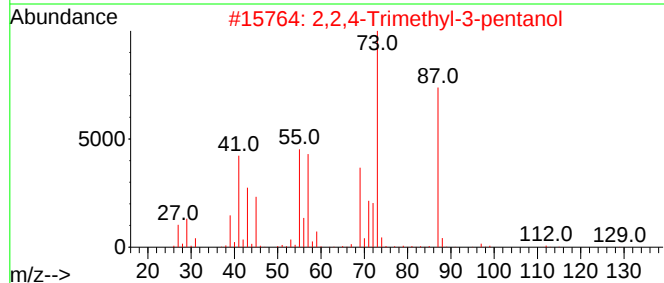
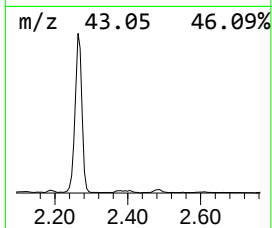
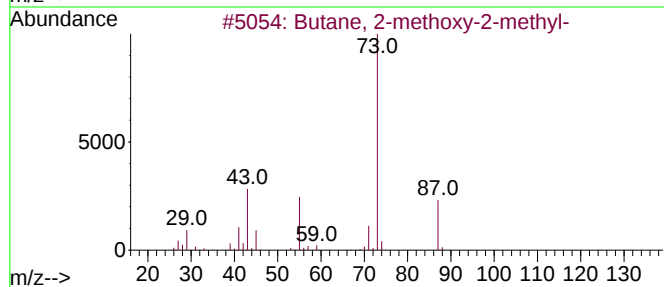
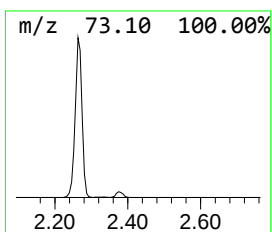
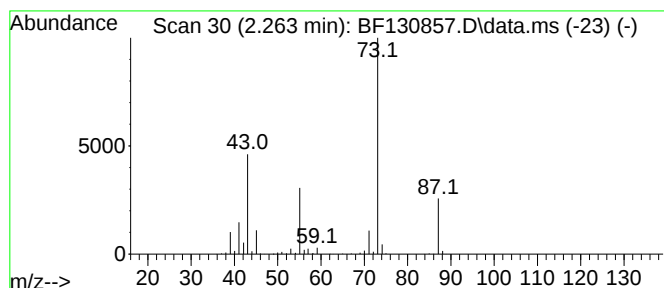
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.263	17.90 ng	863347	1,4-Dichlorobenzene-d4	6.945

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			Borane, dimethoxy-	74	C2H7B02	004542-61-4	9
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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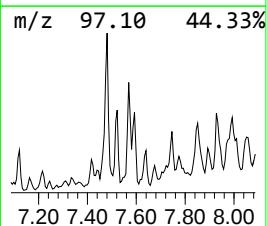
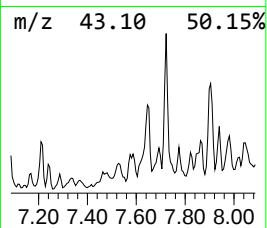
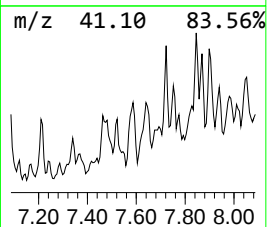
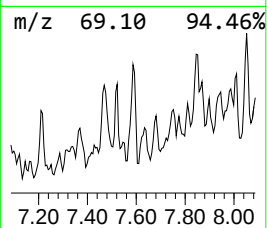
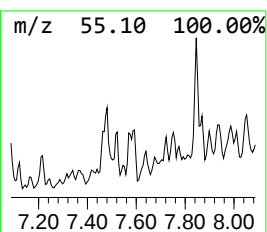
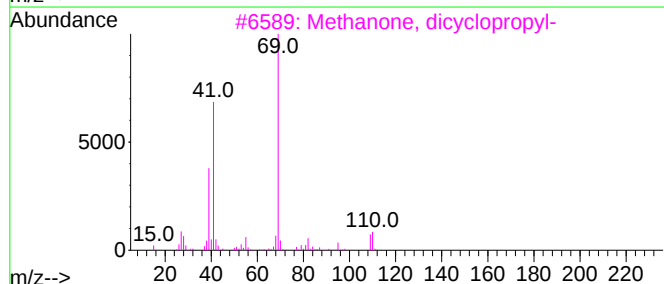
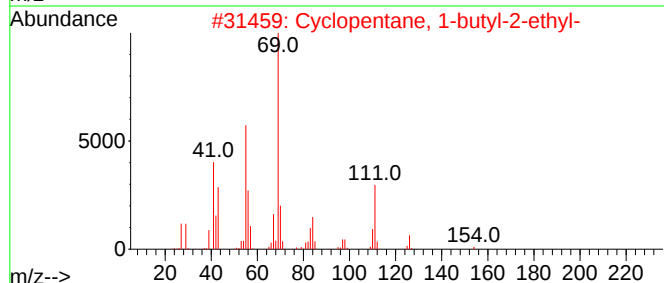
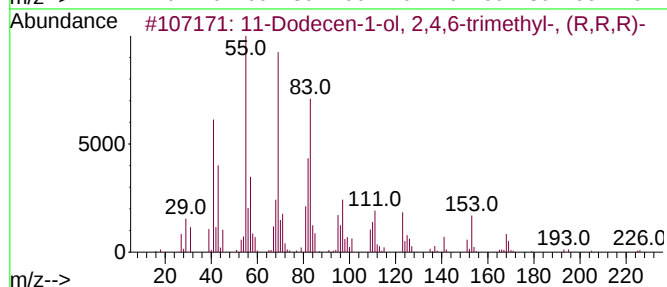
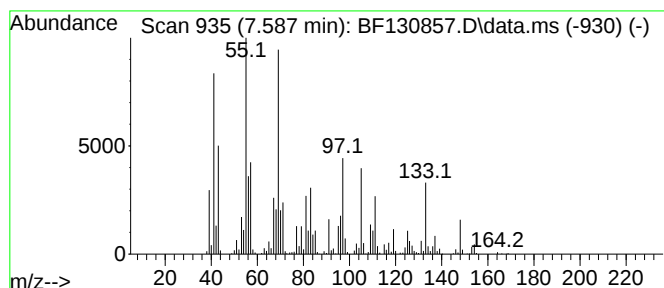
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.587 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.587	21.11 ng	1018110	1,4-Dichlorobenzene-d4	6.945

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Dodecen-1-ol, 2,4,6-trimethyl...	226	C15H30O	027829-54-5	47		
2	Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	43		
3	Methanone, dicyclopropyl-	110	C7H10O	001121-37-5	38		
4	Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	38		
5	5-Undecene, 7-methyl-, (E)-	168	C12H24	074630-66-3	38		



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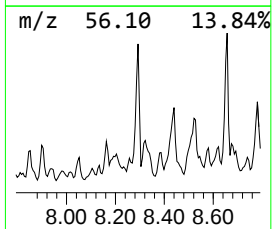
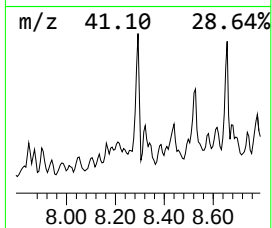
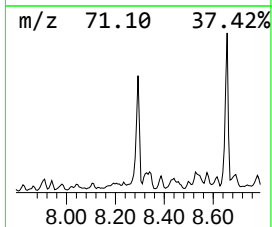
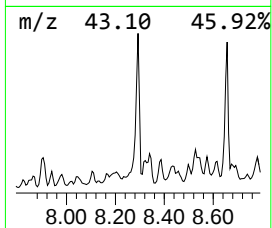
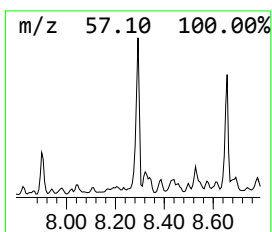
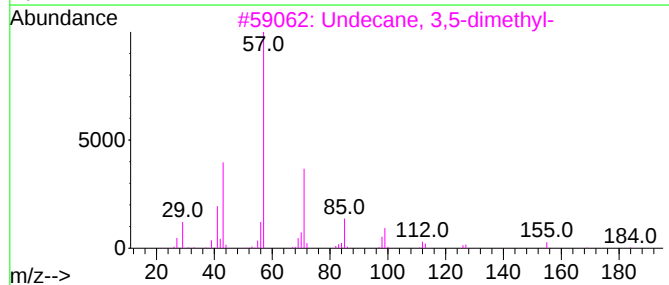
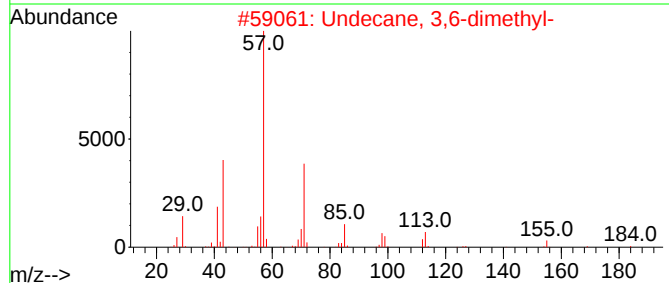
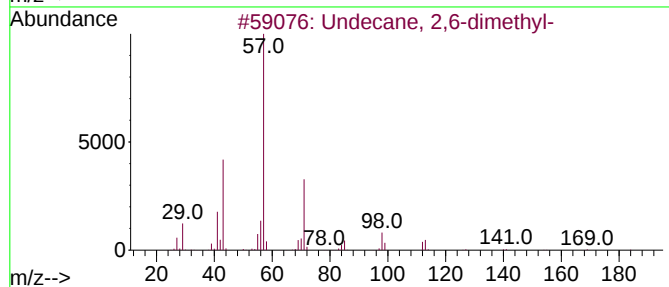
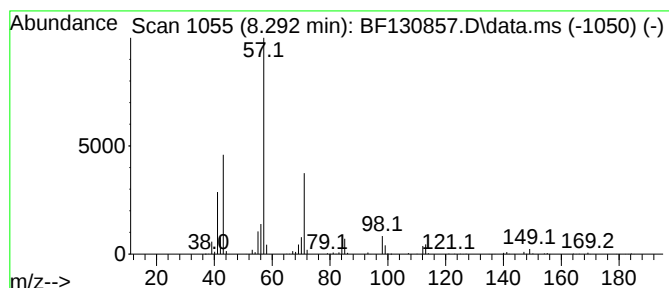
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.292	35.99 ng	4090570	Naphthalene-d8	8.234

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	80
3			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72
4			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
5			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130857.D
Acq On : 29 Oct 2022 15:13
Operator : CG\JU
Sample : N5267-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP4-1024

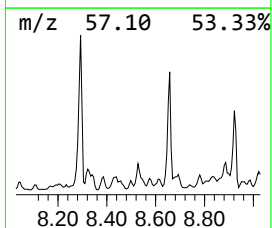
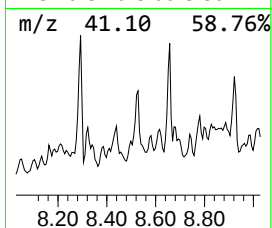
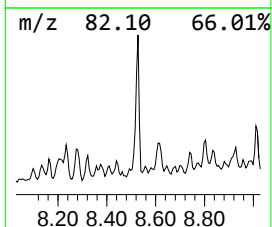
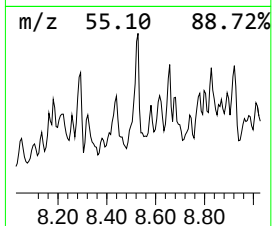
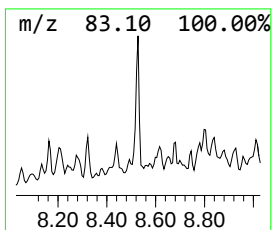
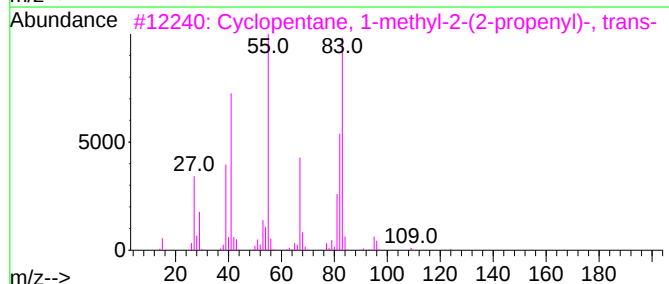
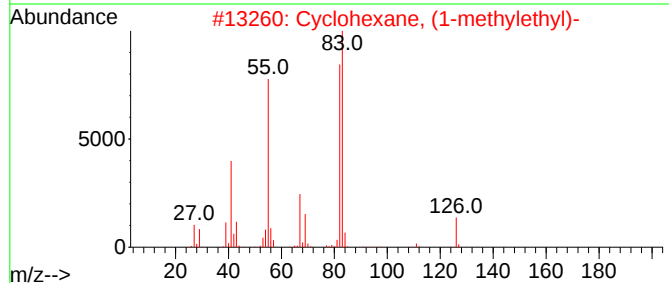
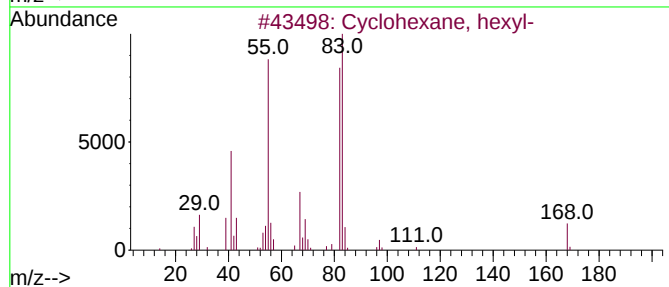
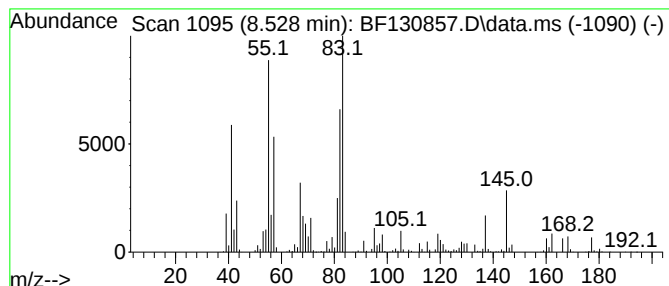
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclohexane, hexyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.528	18.00 ng	2046210	Naphthalene-d8	8.234

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, hexyl-	168	C12H24	004292-75-5	81
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	76
3		Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	62
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	59
5		Cyclohexane, octyl-	196	C14H28	001795-15-9	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
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Sample : N5267-10
Misc :
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ClientSampleId :
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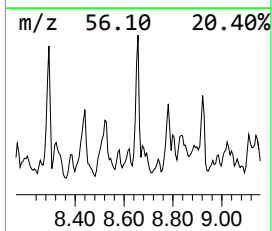
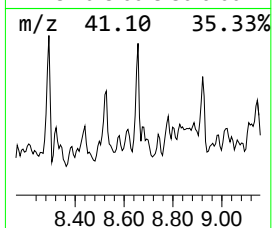
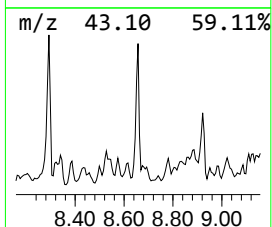
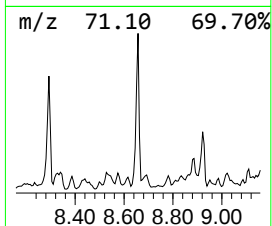
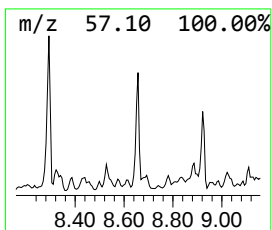
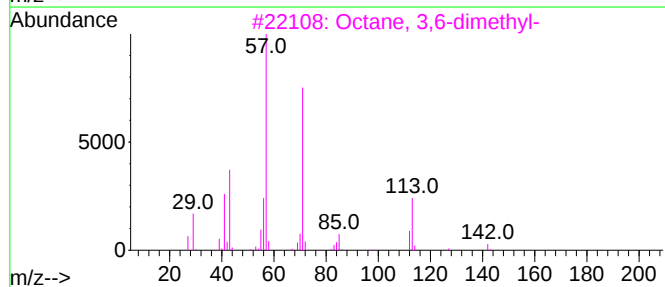
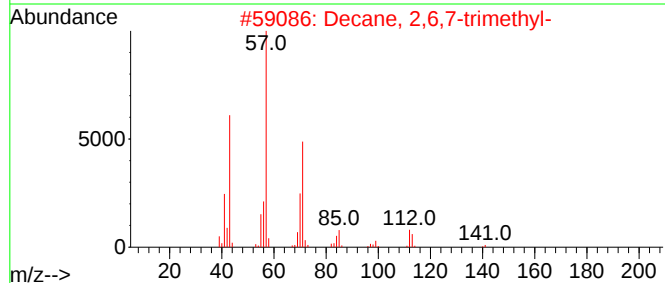
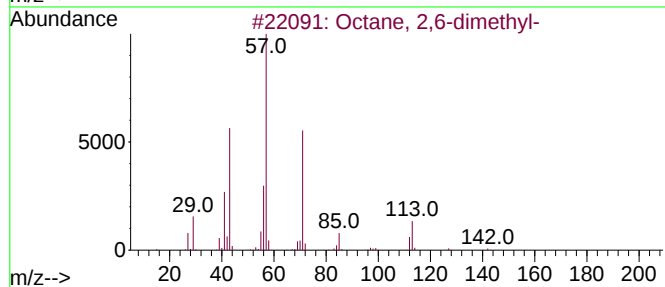
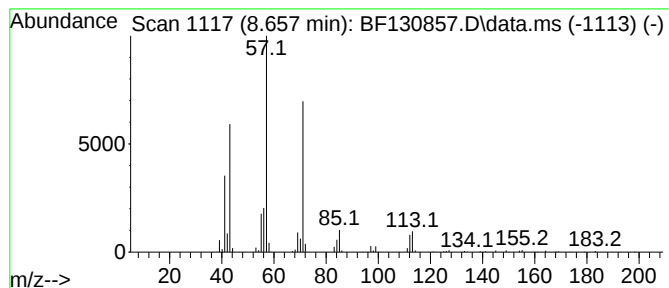
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octane, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.657	23.12 ng	2628430	Naphthalene-d8	8.234

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	83
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
4			Oxalic acid, 2-ethylhexyl isobut...	258	C14H26O4	1010309-38-5	72
5			Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130857.D
Acq On : 29 Oct 2022 15:13
Operator : CG\JU
Sample : N5267-10
Misc :
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Instrument :
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ClientSampleId :
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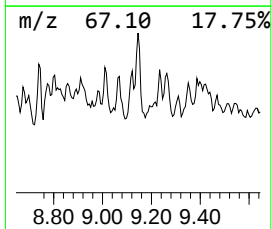
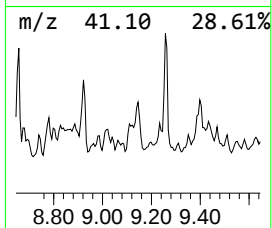
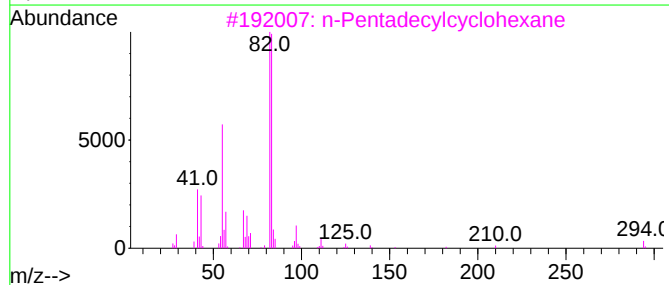
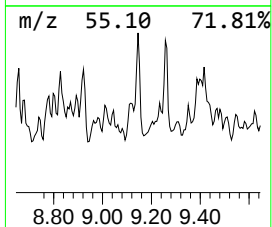
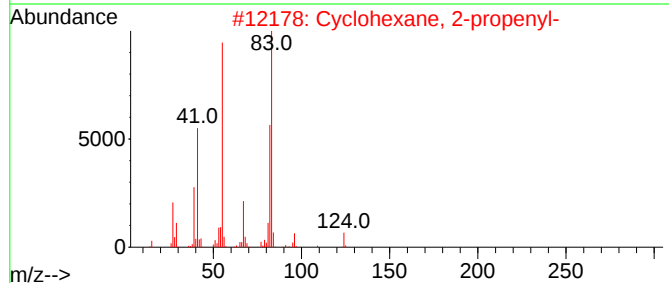
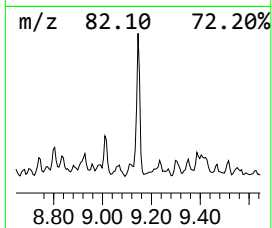
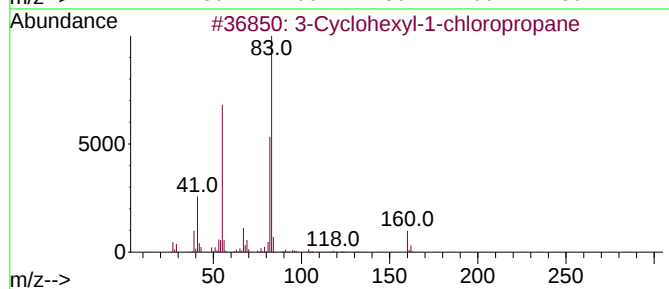
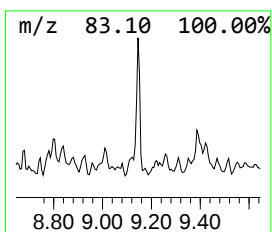
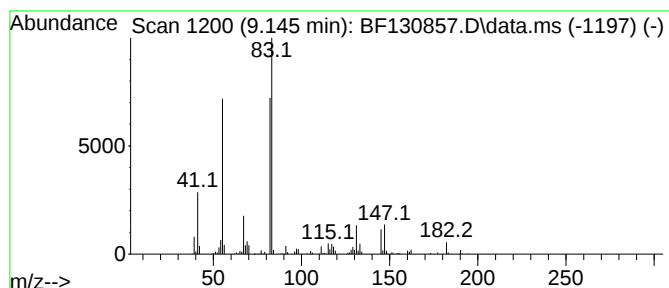
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 3-Cyclohexyl-1-chloropropane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.145	49.88 ng	1674730	Acenaphthene-d10	9.998

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	53
2		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	53
3		n-Pentadecylcyclohexane	294	C21H42	006006-95-7	45
4		Heptylcyclohexane	182	C13H26	005617-41-4	45
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130857.D
Acq On : 29 Oct 2022 15:13
Operator : CG\JU
Sample : N5267-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

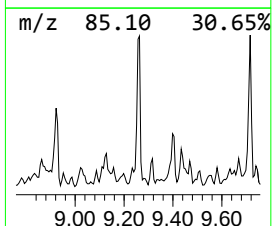
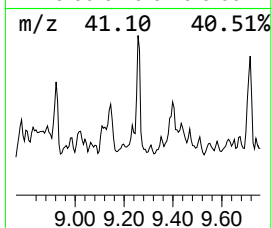
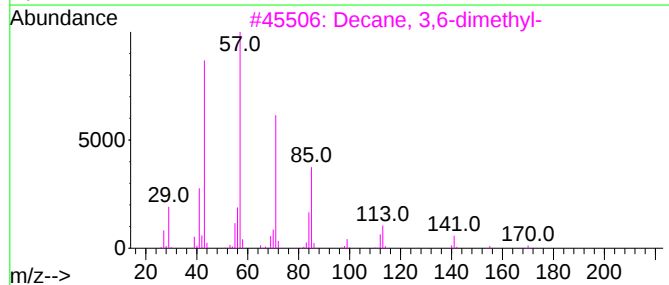
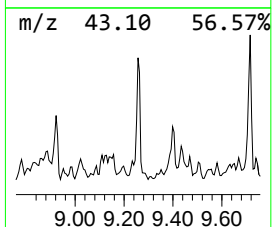
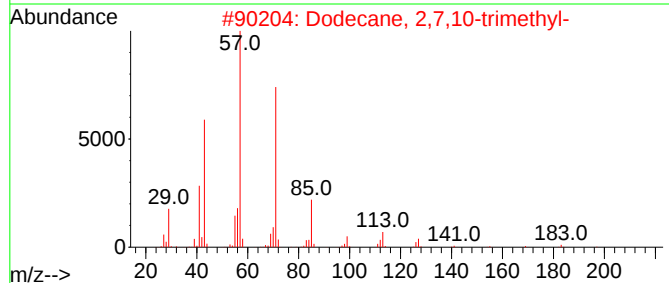
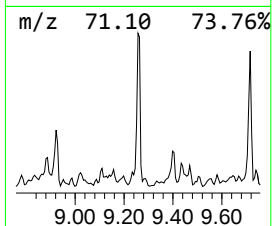
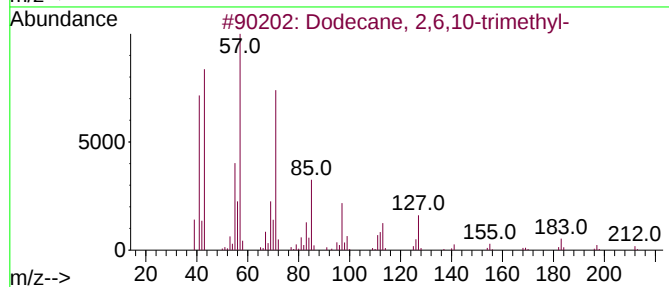
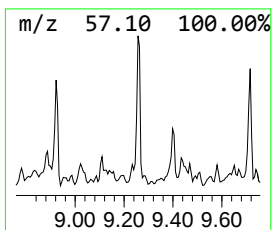
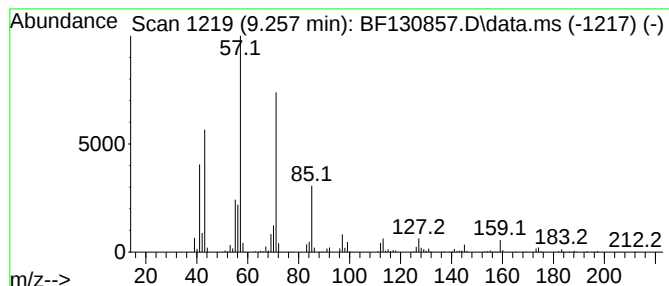
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 2,6,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.257	101.60 ng	3411480	Acenaphthene-d10		9.998	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	91
2	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	90
3	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	83
4	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	72
5	Undecane, 4,6-dimethyl-		184	C13H28	017312-82-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
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Sample : N5267-10
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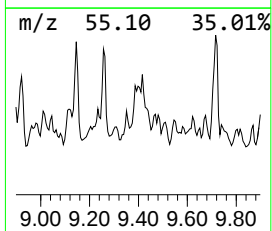
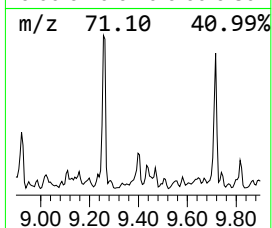
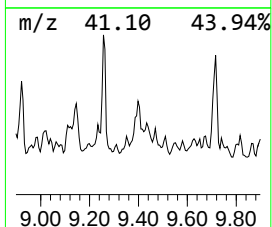
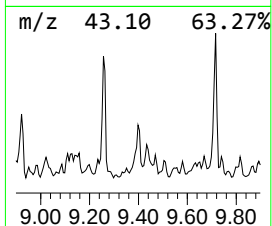
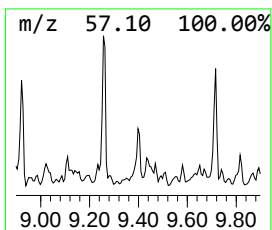
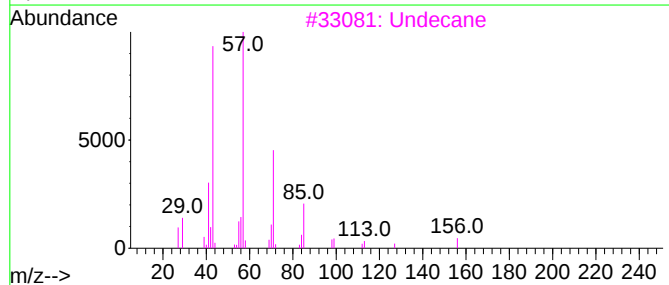
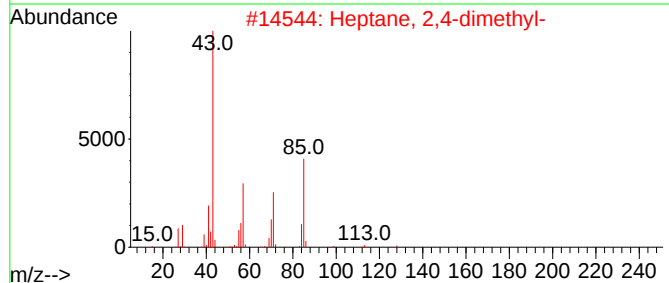
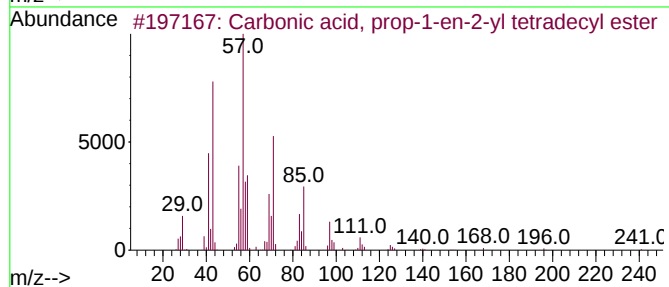
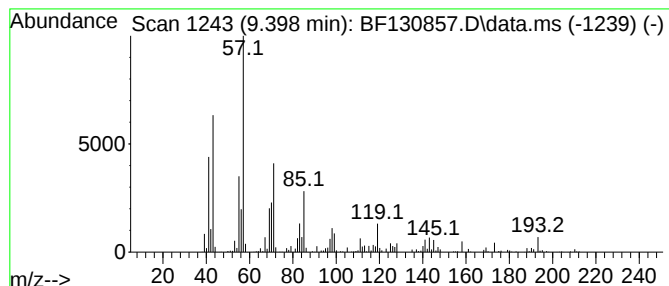
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Carbonic acid, prop-1-en-2-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD			R.T.
9.398	51.22 ng	1719980	Acenaphthene-d10			9.998
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Carbonic acid, prop-1-en-2-yl te...		298	C18H34O3	1000382-90-9	64
2	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	58
3	Undecane		156	C11H24	001120-21-4	58
4	Undecane, 3,9-dimethyl-		184	C13H28	017301-31-4	53
5	Heptyl tetradecyl ether		312	C21H44O	1000406-39-3	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130857.D
Acq On : 29 Oct 2022 15:13
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ClientSampleId :
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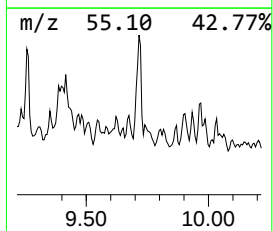
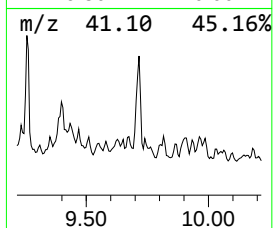
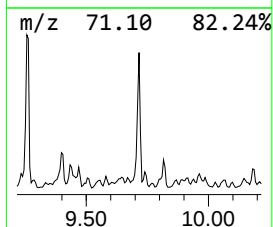
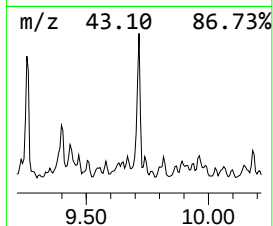
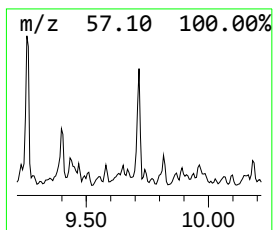
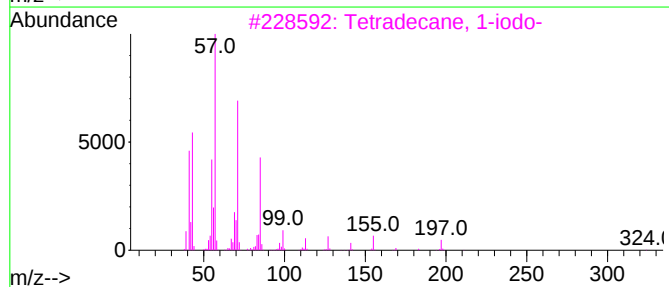
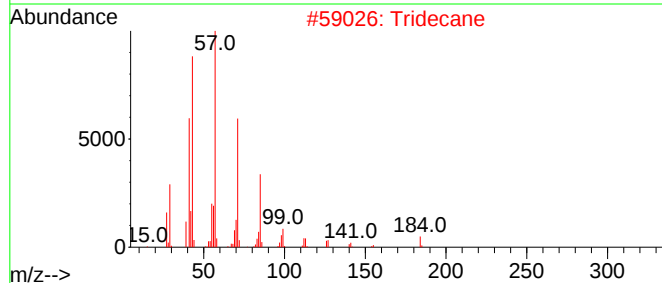
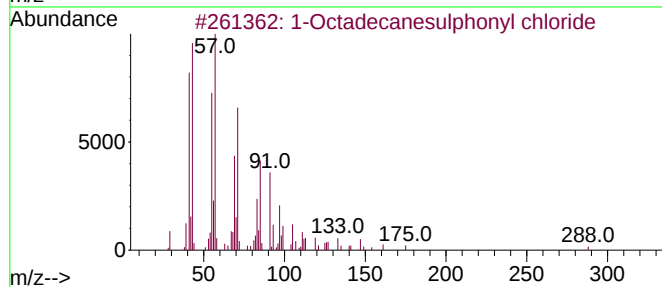
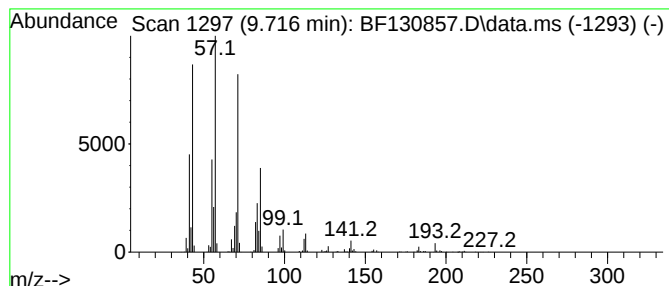
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Octadecanesulphonyl chloride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.716	100.94 ng	3389360	Acenaphthene-d10	9.998

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90
2		Tridecane	184	C13H28	000629-50-5	87
3		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
4		Pentacosane	352	C25H52	000629-99-2	80
5		Tetradecane	198	C14H30	000629-59-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130857.D
Acq On : 29 Oct 2022 15:13
Operator : CG\JU
Sample : N5267-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP4-1024

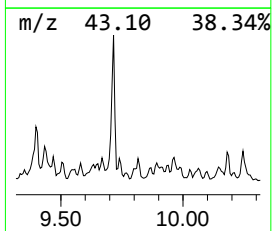
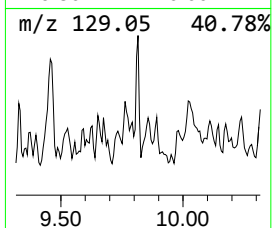
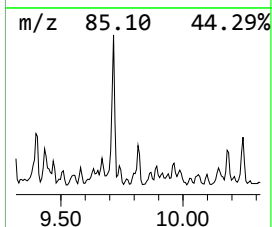
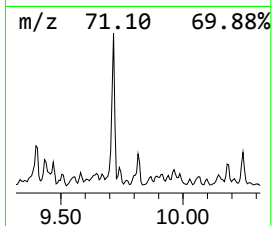
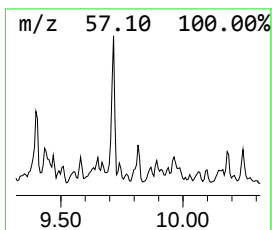
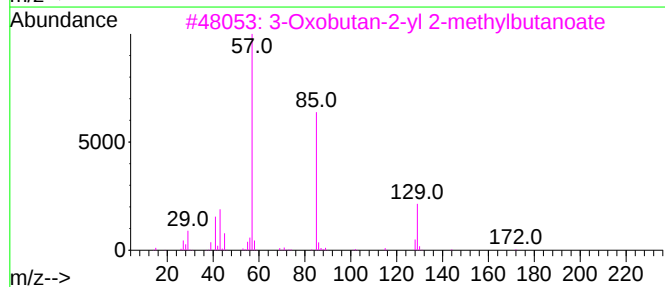
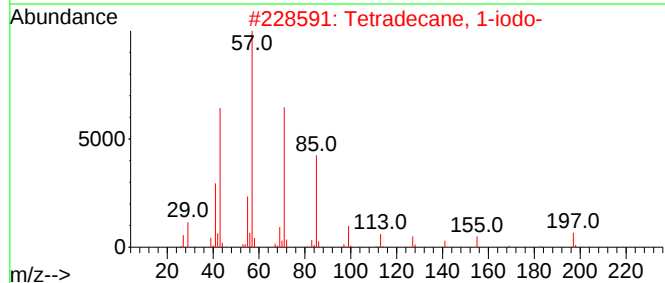
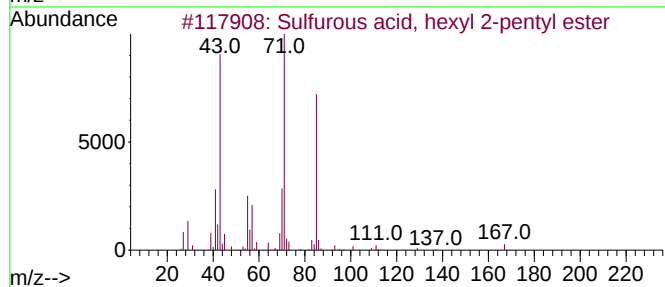
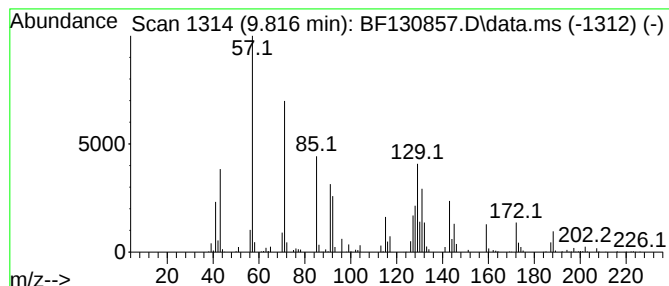
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown9.816 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.816	21.23 ng	712901	Acenaphthene-d10	9.998

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	22
2		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	22
3		3-Oxobutan-2-yl 2-methylbutanoate	172	C9H16O3	1000372-70-6	22
4		Pentadecane	212	C15H32	000629-62-9	22
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130857.D
Acq On : 29 Oct 2022 15:13
Operator : CG\JU
Sample : N5267-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP4-1024

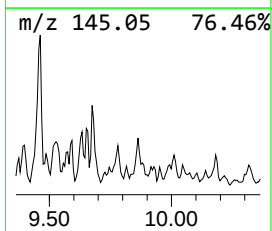
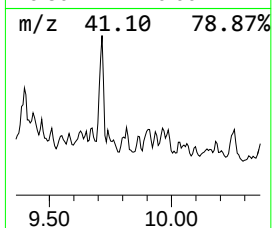
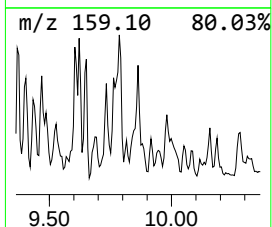
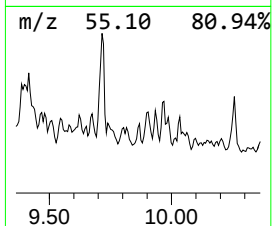
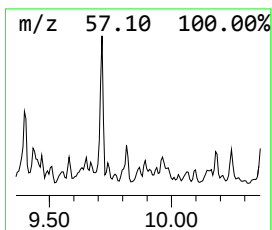
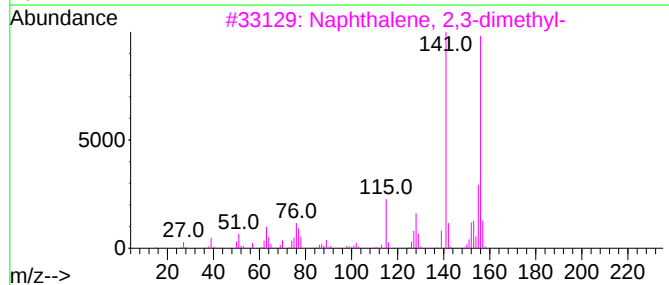
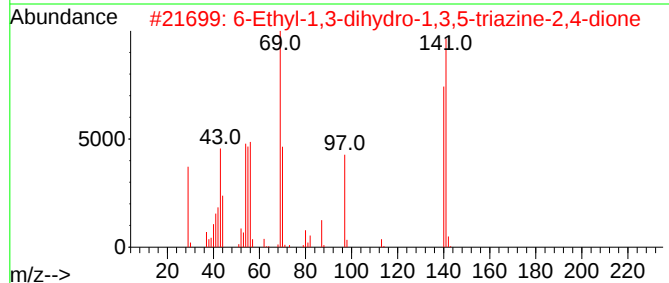
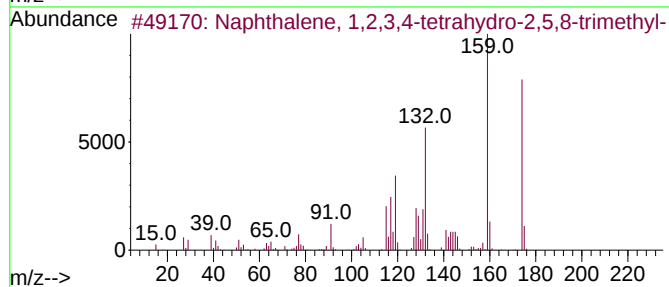
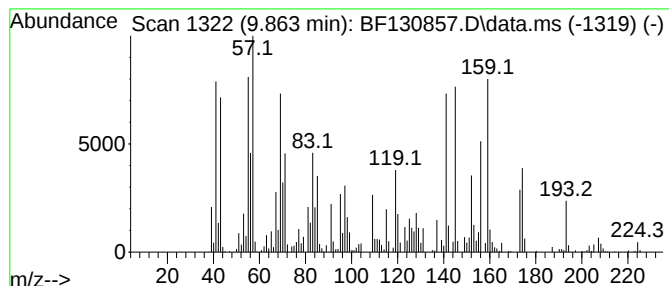
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown9.863 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.863	28.62 ng	960957	Acenaphthene-d10	9.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-17-7	20
2			6-Ethyl-1,3-dihydro-1,3,5-triazi...	141	C5H7N3O2	007501-27-1	18
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	15
4			Bicyclo[2.2.1]heptan-2-one, 4,7,...	152	C10H16O	010292-98-5	15
5			Bicyclo[2.2.1]heptan-2-one, 4,7,...	152	C10H16O	013854-85-8	15



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130857.D
Acq On : 29 Oct 2022 15:13
Operator : CG\JU
Sample : N5267-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

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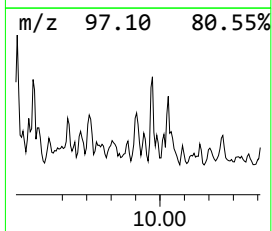
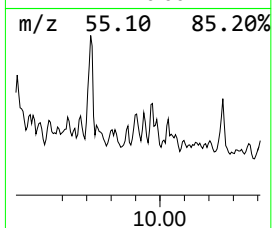
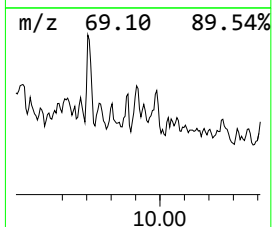
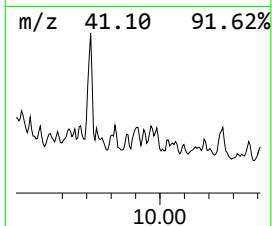
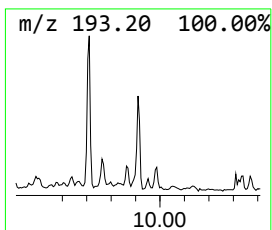
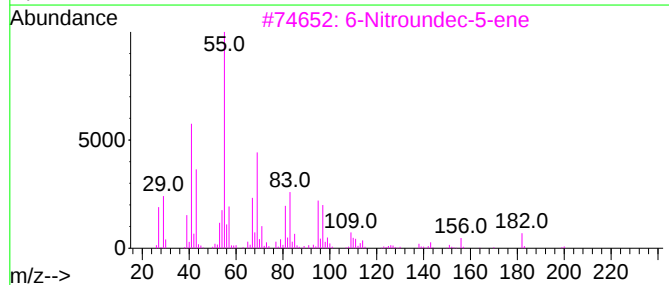
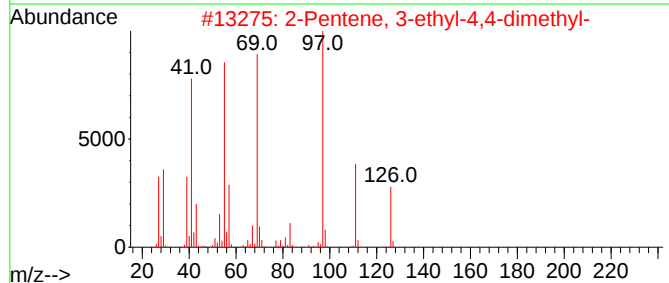
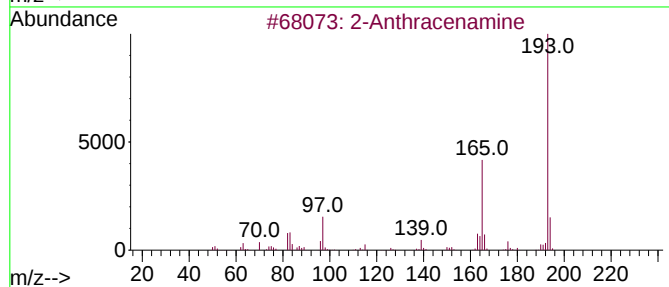
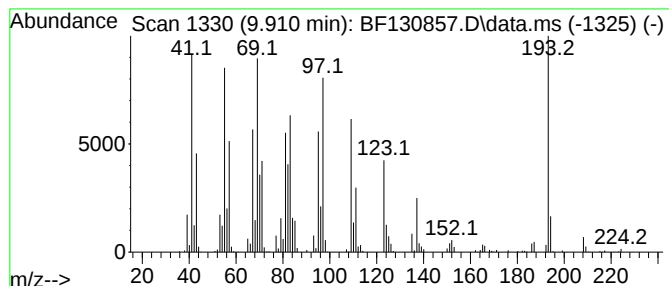
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown9.910 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.910	28.59 ng	960090	Acenaphthene-d10	9.998

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Anthracenamine	193	C14H11N	000613-13-8	46
2		2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	27
3		6-Nitroundec-5-ene	199	C11H21NO2	1000192-40-3	25
4		photocitral B	152	C10H16O	006040-45-5	25
5		(2,4,6-Trimethylcyclohexyl) meth...	156	C10H20O	013702-56-2	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130857.D
Acq On : 29 Oct 2022 15:13
Operator : CG\JU
Sample : N5267-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

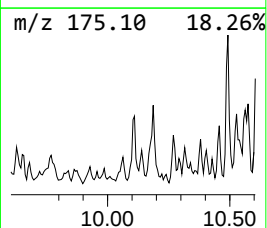
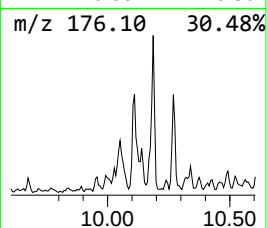
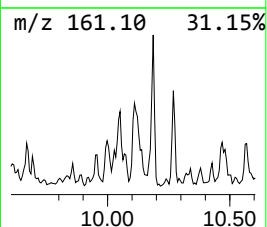
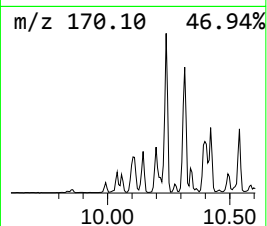
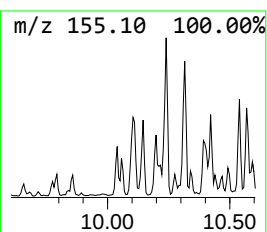
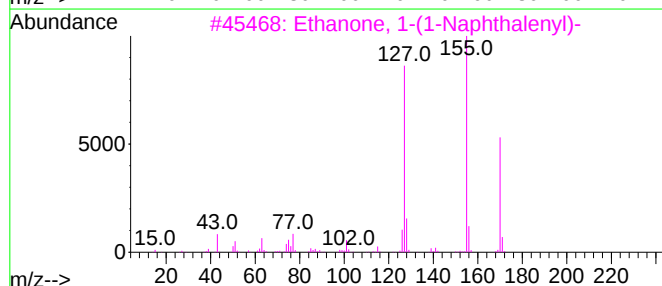
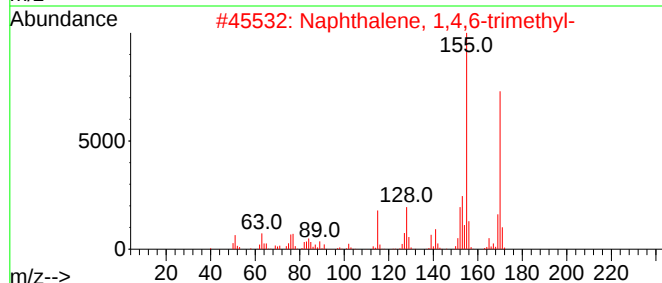
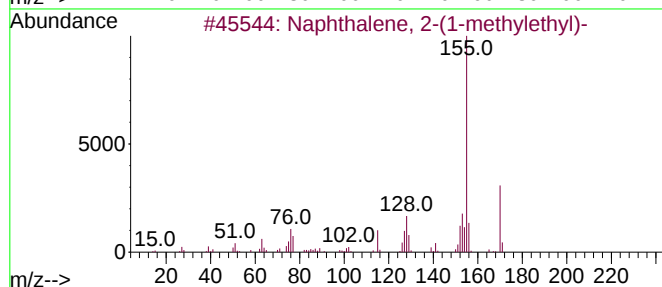
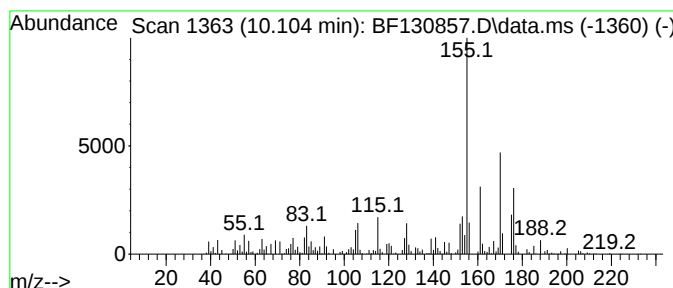
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2-(1-methyleth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.104	26.60 ng	893112	Acenaphthene-d10	9.998	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	76
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	70
3	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	52
4	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	50
5	5-Acetyl-2-thiophenecarboxylic acid	170	C7H6O3S	004066-41-5	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
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Acq On : 29 Oct 2022 15:13
Operator : CG\JU
Sample : N5267-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

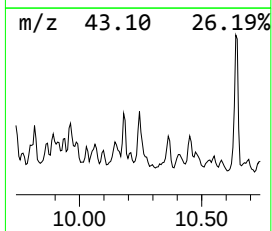
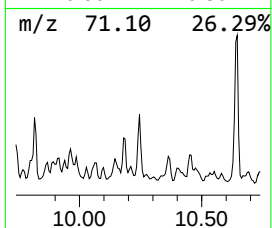
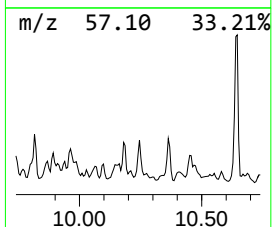
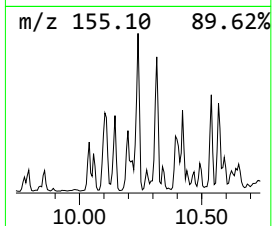
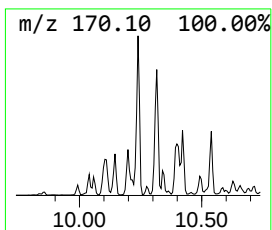
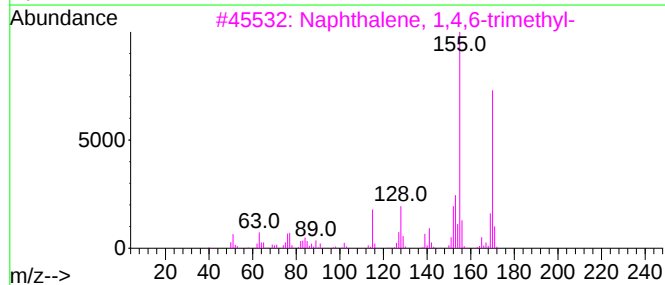
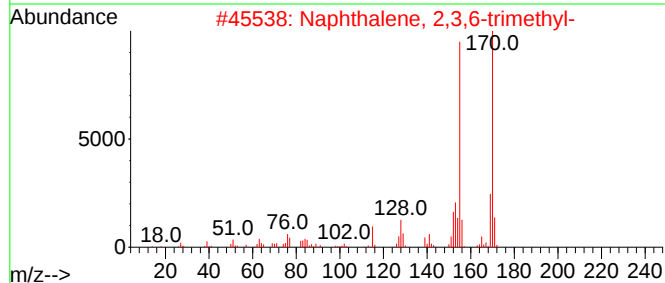
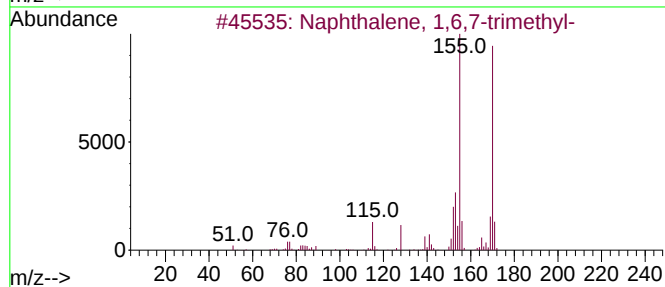
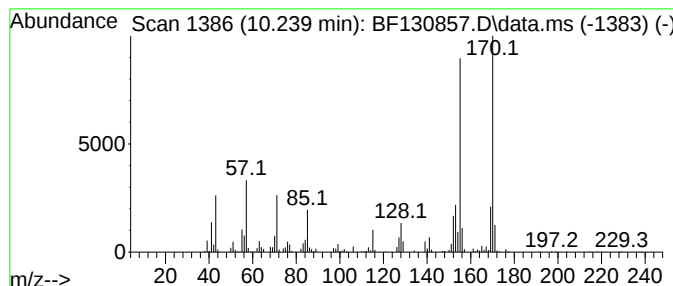
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.239	80.63 ng	2707590	Acenaphthene-d10	9.998	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130857.D
Acq On : 29 Oct 2022 15:13
Operator : CG\JU
Sample : N5267-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

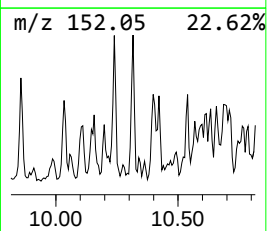
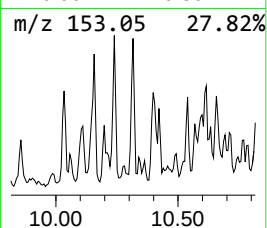
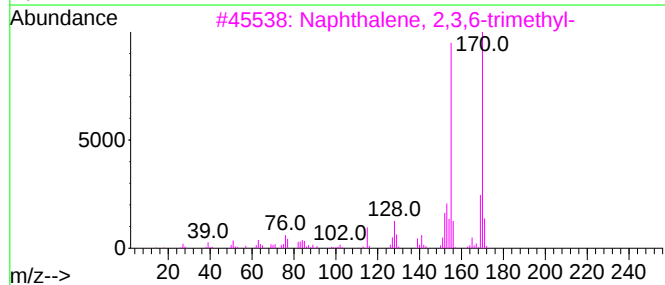
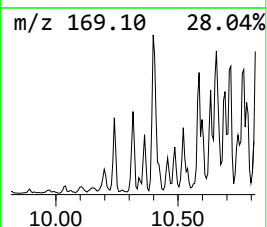
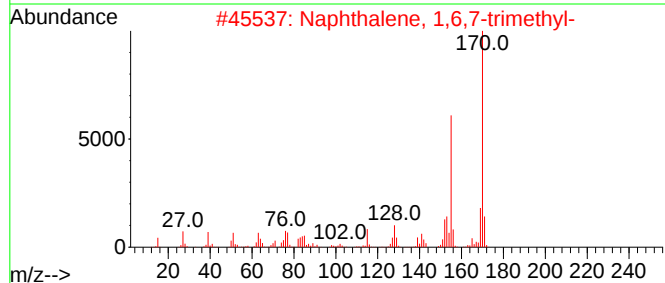
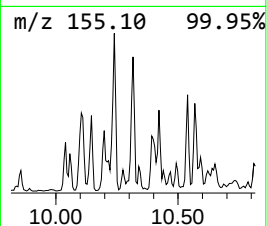
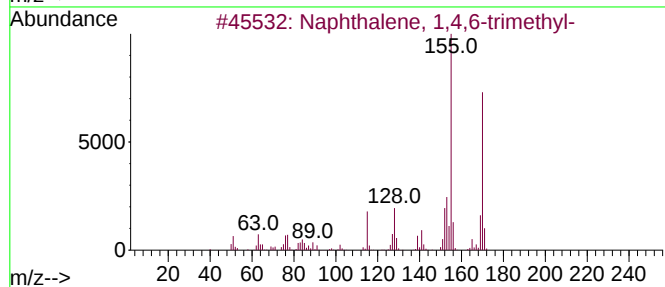
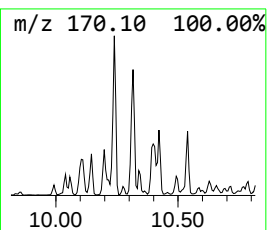
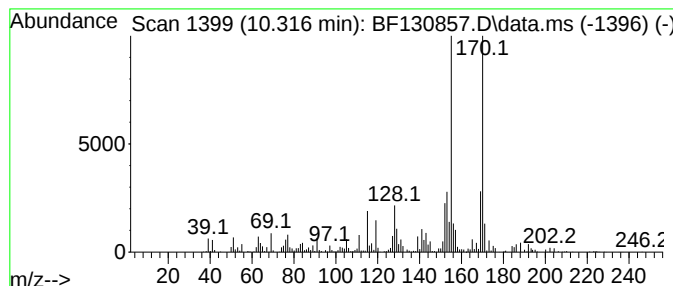
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,4,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.316	34.11 ng	1145500	Acenaphthene-d10		9.998	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-		170	C13H14	002131-42-2	98
2	Naphthalene, 1,6,7-trimethyl-		170	C13H14	002245-38-7	97
3	Naphthalene, 2,3,6-trimethyl-		170	C13H14	000829-26-5	97
4	4,6,8-Trimethylazulene		170	C13H14	000941-81-1	91
5	3-(2-Methyl-propenyl)-1H-indene		170	C13H14	1000187-78-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130857.D
Acq On : 29 Oct 2022 15:13
Operator : CG\JU
Sample : N5267-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

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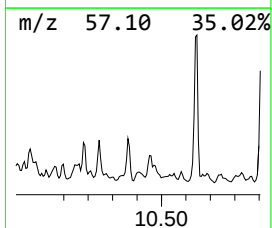
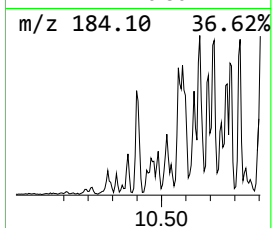
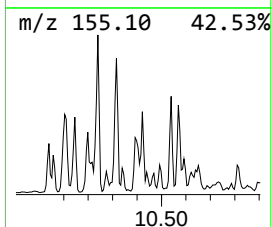
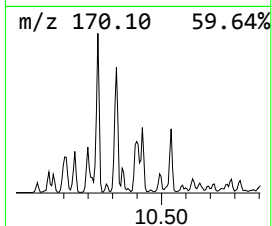
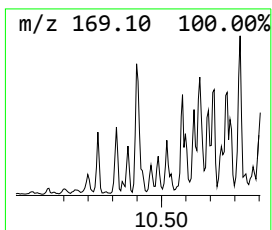
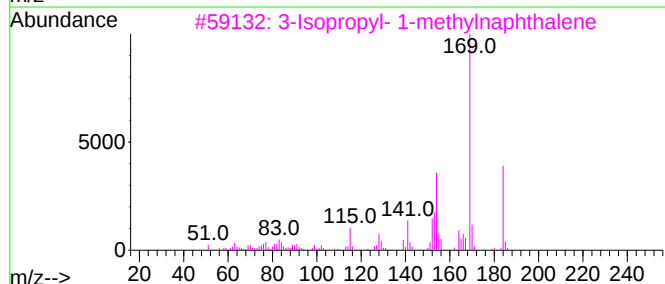
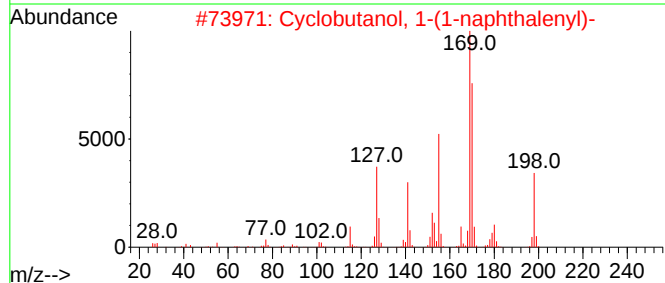
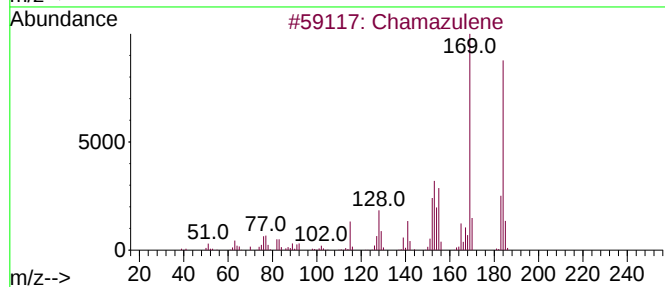
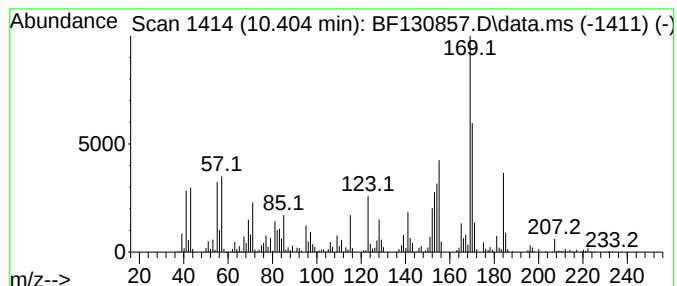
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Chamazulene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.404	37.10 ng	1245890	Acenaphthene-d10	9.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Chamazulene	184	C14H16	000529-05-5	83
2			Cyclobutanol, 1-(1-naphthalenyl)-	198	C14H14O	074685-79-3	62
3			3-Isopropyl- 1-methylnaphthalene	184	C14H16	1000383-71-4	55
4			Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	55
5			Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130857.D
Acq On : 29 Oct 2022 15:13
Operator : CG\JU
Sample : N5267-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

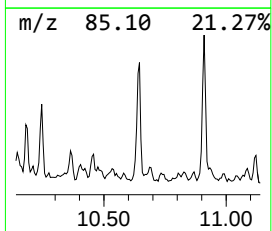
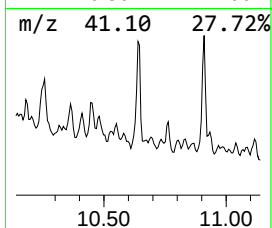
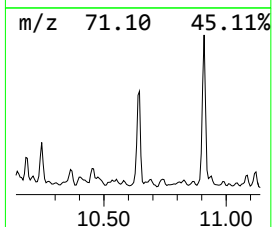
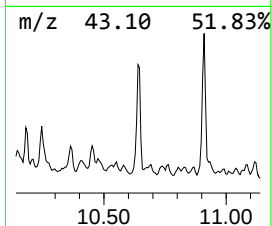
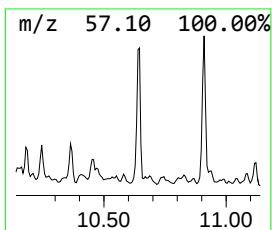
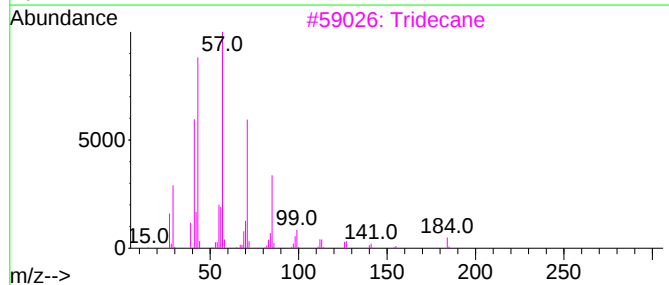
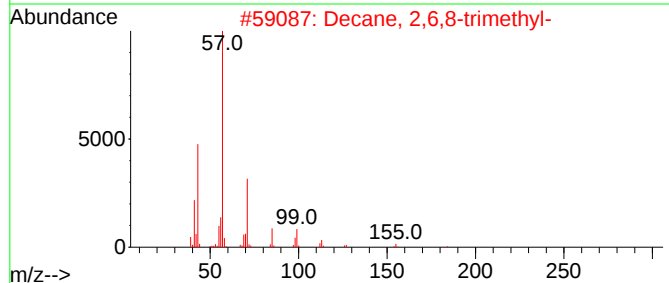
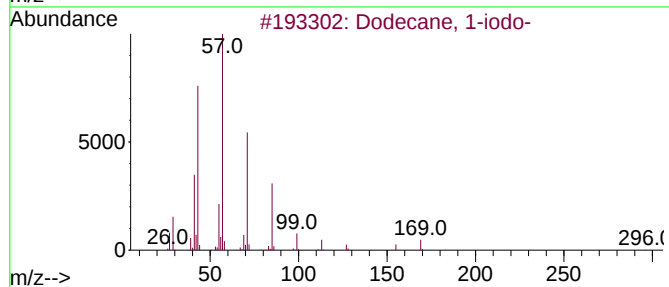
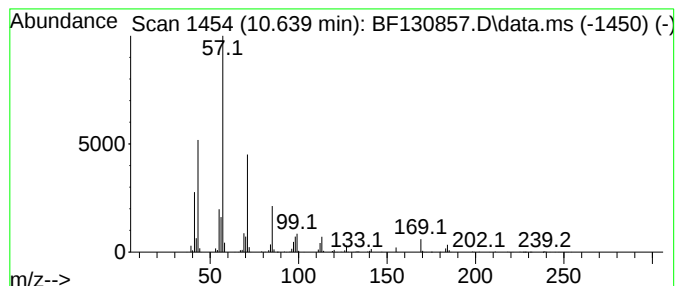
Instrument :
BNA_F
ClientSampleId :
TP4-1024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dodecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.639	72.48 ng	2433870	Acenaphthene-d10			9.998
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	83
2	Decane, 2,6,8-trimethyl-		184	C13H28	062108-26-3	76
3	Tridecane		184	C13H28	000629-50-5	64
4	Nonadecane		268	C19H40	000629-92-5	64
5	Undecane, 3,6-dimethyl-		184	C13H28	017301-28-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130857.D
Acq On : 29 Oct 2022 15:13
Operator : CG\JU
Sample : N5267-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

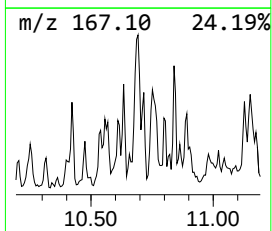
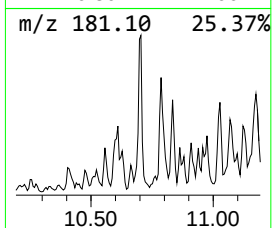
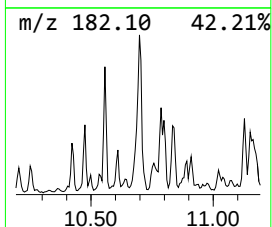
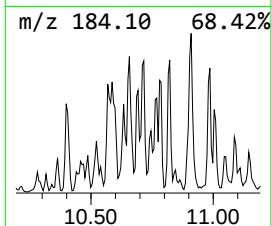
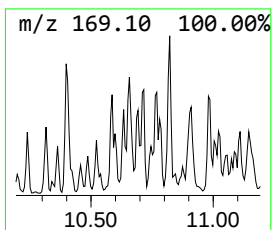
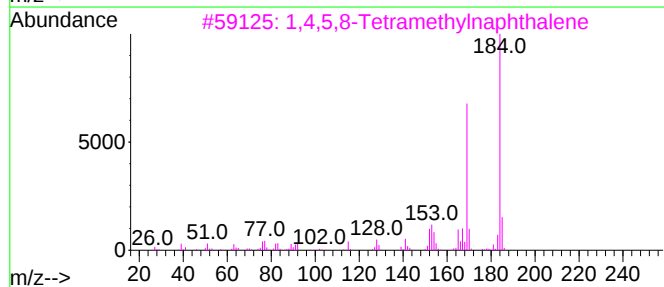
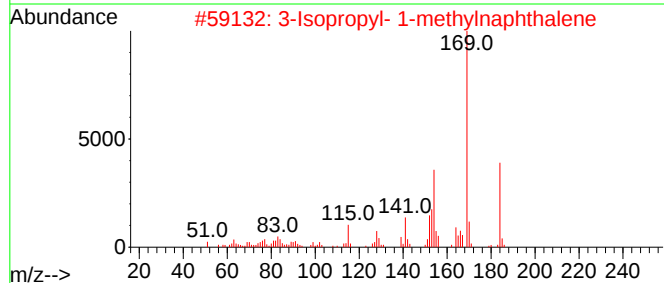
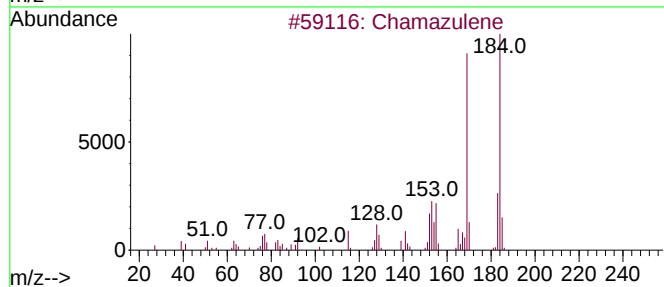
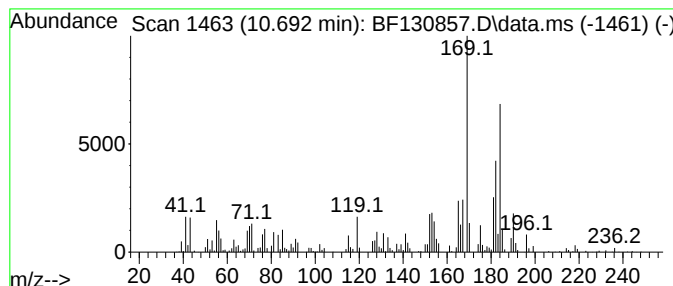
Instrument :
BNA_F
ClientSampleId :
TP4-1024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 3-Isopropyl- 1-methylnaphth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.692	25.86 ng	868226	Acenaphthene-d10			9.998
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Chamazulene		184	C14H16	000529-05-5	70
2	3-Isopropyl- 1-methylnaphthalene		184	C14H16	1000383-71-4	70
3	1,4,5,8-Tetramethylnaphthalene		184	C14H16	002717-39-7	60
4	1,6-Dimethyl- 3-ethylnaphthalene		184	C14H16	1000383-71-8	55
5	2-Isopropyl-3-methylnaphthalene		184	C14H16	1000383-71-2	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130857.D
Acq On : 29 Oct 2022 15:13
Operator : CG\JU
Sample : N5267-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

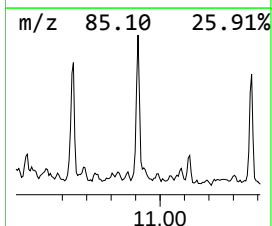
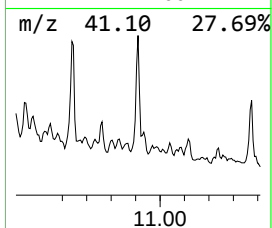
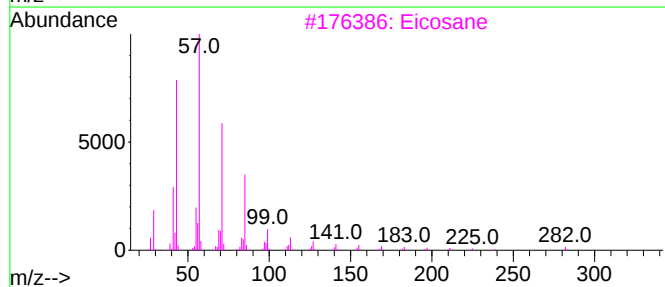
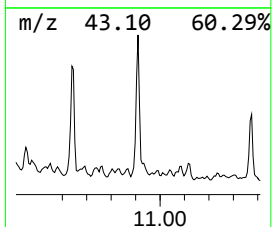
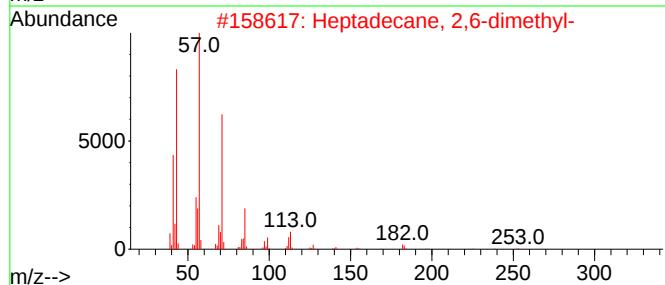
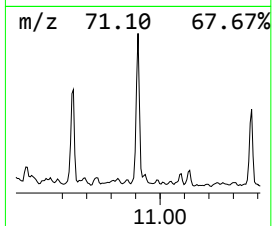
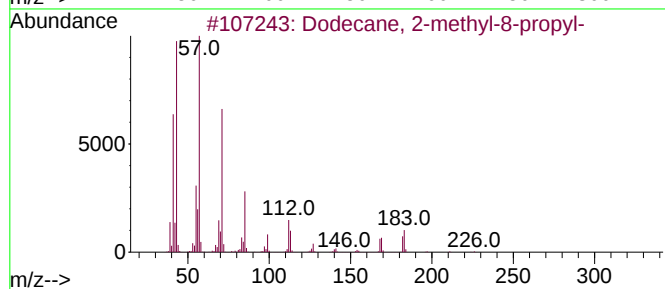
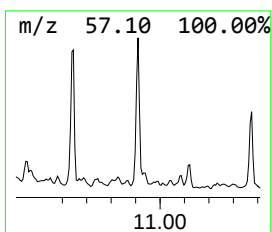
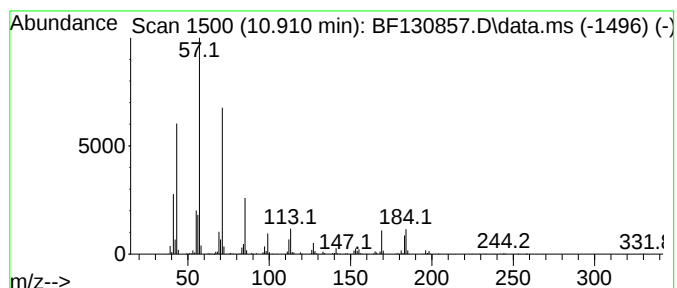
Instrument :
BNA_F
ClientSampleId :
TP4-1024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dodecane, 2-methyl-8-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.910	76.01 ng	2414450	Phenanthrene-d10		11.486	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-8-propyl-		226	C16H34	055045-07-3	72
2	Heptadecane, 2,6-dimethyl-		268	C19H40	054105-67-8	59
3	Eicosane		282	C20H42	000112-95-8	59
4	Heptadecane, 7-methyl-		254	C18H38	020959-33-5	59
5	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130857.D
Acq On : 29 Oct 2022 15:13
Operator : CG\JU
Sample : N5267-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

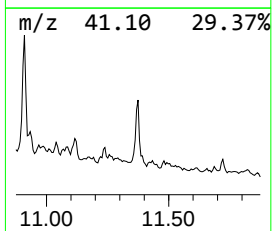
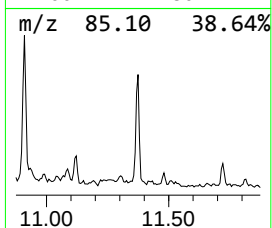
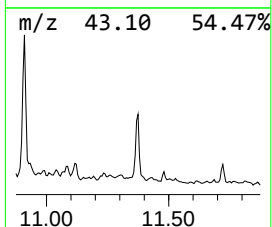
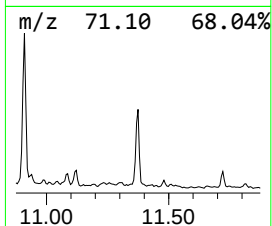
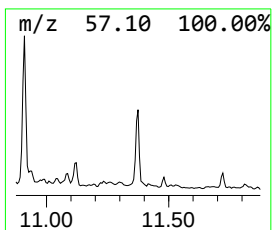
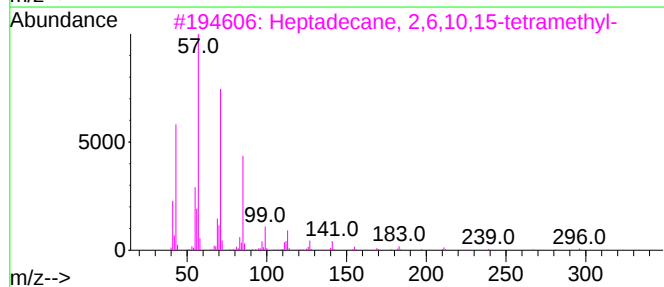
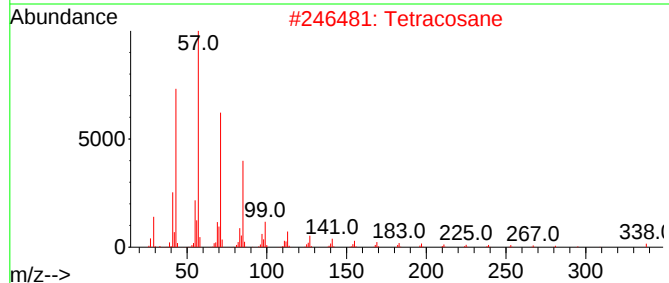
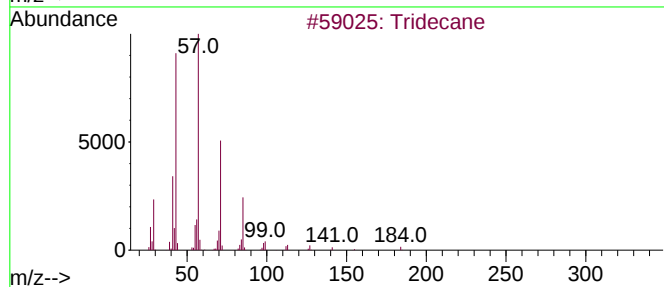
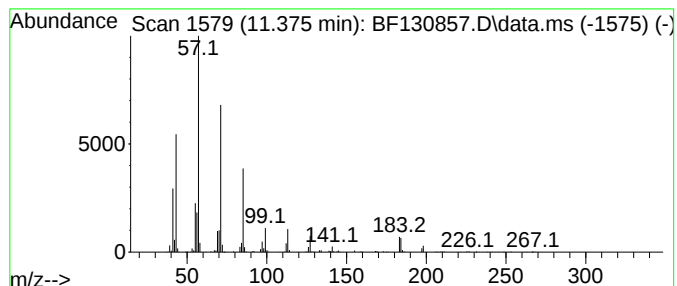
Instrument :
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ClientSampleId :
TP4-1024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.375	51.91 ng	1649020	Phenanthrene-d10		11.486	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	91
2	Tetracosane		338	C24H50	000646-31-1	86
3	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	86
4	Heptacosane		380	C27H56	000593-49-7	86
5	Hexadecane		226	C16H34	000544-76-3	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
 Data File : BF130857.D
 Acq On : 29 Oct 2022 15:13
 Operator : CG\JU
 Sample : N5267-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4-1024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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...	2.263	17.9	ng	863347	1	6.945	964400	20.0
unknown7.587	7.587	21.1	ng	1018110	1	6.945	964400	20.0
Undecane, 2,6-d...	8.292	36.0	ng	4090570	2	8.234	2273470	20.0
Cyclohexane, he...	8.528	18.0	ng	2046210	2	8.234	2273470	20.0
Octane, 2,6-dim...	8.657	23.1	ng	2628430	2	8.234	2273470	20.0
3-Cyclohexyl-1-...	9.145	49.9	ng	1674730	3	9.998	671569	20.0
Dodecane, 2,6,1...	9.257	101.6	ng	3411480	3	9.998	671569	20.0
Carbonic acid, ...	9.398	51.2	ng	1719980	3	9.998	671569	20.0
1-Octadecanesul...	9.716	100.9	ng	3389360	3	9.998	671569	20.0
unknown9.816	9.816	21.2	ng	712901	3	9.998	671569	20.0
unknown9.863	9.863	28.6	ng	960957	3	9.998	671569	20.0
unknown9.910	9.910	28.6	ng	960090	3	9.998	671569	20.0
Naphthalene, 2-...	10.104	26.6	ng	893112	3	9.998	671569	20.0
Naphthalene, 1,...	10.239	80.6	ng	2707590	3	9.998	671569	20.0
Naphthalene, 1,...	10.316	34.1	ng	1145500	3	9.998	671569	20.0
Chamazulene	10.404	37.1	ng	1245890	3	9.998	671569	20.0
Dodecane, 1-iodo-	10.639	72.5	ng	2433870	3	9.998	671569	20.0
3-Isopropyl- 1-...	10.692	25.9	ng	868226	3	9.998	671569	20.0
Dodecane, 2-met...	10.910	76.0	ng	2414450	4	11.486	635337	20.0
Tridecane	11.375	51.9	ng	1649020	4	11.486	635337	20.0