

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136745.D
 Acq On : 27 Dec 2023 04:48
 Operator : CG\JU
 Sample : 05602-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROUTE-4-TP-5

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-BF122023.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136745.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.169	9	14	23	rVB2	17908	27604	1.76%	0.164%
2	5.028	495	500	506	rVB	45452	60292	3.83%	0.358%
3	5.428	564	568	582	rBV	1646046	1572605	100.00%	9.326%
4	6.275	709	712	716	rVB	302631	237345	15.09%	1.408%
5	6.381	727	730	731	rBV	18046	17187	1.09%	0.102%
6	6.398	731	733	735	rVV	85610	78705	5.00%	0.467%
7	6.434	735	739	742	rVV	1615290	1473023	93.67%	8.735%
8	6.469	742	745	750	rVB	63085	64699	4.11%	0.384%
9	6.551	757	759	766	rVB2	89348	136512	8.68%	0.810%
10	6.622	766	771	773	rBV2	28110	29345	1.87%	0.174%
11	6.716	784	787	790	rBV	85921	60710	3.86%	0.360%
12	6.786	795	799	804	rVB2	549235	755622	48.05%	4.481%
13	6.863	804	812	815	rBV	202156	170704	10.85%	1.012%
14	6.904	815	819	824	rBV	967245	891264	56.67%	5.285%
15	6.951	824	827	830	rVB3	27120	31478	2.00%	0.187%
16	6.998	832	835	837	rBV	54591	41586	2.64%	0.247%
17	7.034	837	841	842	rBV	172921	145928	9.28%	0.865%
18	7.051	842	844	846	rBV	810102	671650	42.71%	3.983%
19	7.122	852	856	858	rBV	689510	526430	33.48%	3.122%
20	7.145	858	860	863	rVB	44501	38335	2.44%	0.227%
21	7.181	863	866	868	rVB2	24825	22590	1.44%	0.134%
22	7.216	868	872	873	rBV	352717	347987	22.13%	2.064%
23	7.286	880	884	887	rBV	128115	149397	9.50%	0.886%
24	7.322	887	890	891	rVV2	97408	105530	6.71%	0.626%
25	7.345	891	894	897	rVV	1090753	1001582	63.69%	5.940%
26	7.375	897	899	903	rVB2	114419	114132	7.26%	0.677%
27	7.416	903	906	908	rBV2	36128	47514	3.02%	0.282%
28	7.439	908	910	913	rVV	52829	50839	3.23%	0.301%
29	7.504	917	921	923	rVV	71675	72376	4.60%	0.429%
30	7.528	923	925	927	rVV	123021	104610	6.65%	0.620%
31	7.581	931	934	935	rVV2	30862	36620	2.33%	0.217%
32	7.610	935	939	941	rVV2	51217	63173	4.02%	0.375%
33	7.663	945	948	952	rVB4	15600	19756	1.26%	0.117%
34	7.716	952	957	959	rBV3	12839	22370	1.42%	0.133%
35	7.745	959	962	964	rVV	48711	50382	3.20%	0.299%
36	7.798	967	971	974	rVV	261627	256757	16.33%	1.523%

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Integrator: RTE

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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

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.833	974	977	981	rVV	182520	178251	11.33%	1.057%
38	7.875	981	984	988	rVB2	67809	62553	3.98%	0.371%
39	7.939	993	995	996	rBV	23860	17119	1.09%	0.102%
40	8.063	1012	1016	1018	rVB	481773	404628	25.73%	2.400%
41	8.869	1149	1153	1157	rVB2	19779	19383	1.23%	0.115%
42	9.139	1194	1199	1202	rBV	1775493	1416649	90.08%	8.401%
43	9.216	1209	1212	1215	rBV3	19115	19807	1.26%	0.117%
44	9.539	1265	1267	1269	rVB	27521	18799	1.20%	0.111%
45	9.680	1288	1291	1294	rBV2	25151	28008	1.78%	0.166%
46	9.722	1295	1298	1300	rVV3	26853	22451	1.43%	0.133%
47	9.751	1300	1303	1307	rVB2	20377	21449	1.36%	0.127%
48	9.816	1307	1314	1317	rBV	514933	413767	26.31%	2.454%
49	9.851	1317	1320	1324	rVB2	24281	23097	1.47%	0.137%
50	10.022	1345	1349	1354	rVB5	16447	25877	1.65%	0.153%
51	10.075	1354	1358	1361	rBV3	11487	17062	1.08%	0.101%
52	10.251	1385	1388	1390	rVB	31733	22552	1.43%	0.134%
53	10.363	1404	1407	1413	rBV3	25550	31697	2.02%	0.188%
54	10.469	1420	1425	1429	rBV	44807	53079	3.38%	0.315%
55	10.610	1445	1449	1454	rBV	921909	763030	48.52%	4.525%
56	10.739	1466	1471	1478	rVB	102865	140542	8.94%	0.833%
57	11.174	1543	1545	1547	rBV	37718	29046	1.85%	0.172%
58	11.204	1547	1550	1555	rVB	66254	69016	4.39%	0.409%
59	11.310	1564	1568	1570	rBV	530015	431074	27.41%	2.556%
60	11.333	1570	1572	1575	rVB	98247	73043	4.64%	0.433%
61	11.604	1616	1618	1621	rVB	34747	26483	1.68%	0.157%
62	11.810	1651	1653	1655	rBV	23136	21796	1.39%	0.129%
63	11.845	1655	1659	1665	rVV	243549	229453	14.59%	1.361%
64	11.921	1670	1672	1675	rBV	33409	32566	2.07%	0.193%
65	12.016	1686	1688	1691	rVB	24321	17955	1.14%	0.106%
66	12.292	1732	1735	1738	rBV4	19570	22485	1.43%	0.133%
67	12.363	1745	1747	1750	rBV	24823	25693	1.63%	0.152%
68	12.404	1751	1754	1758	rVB4	30927	32849	2.09%	0.195%
69	12.527	1772	1775	1778	rBV	103177	85085	5.41%	0.505%
70	12.568	1779	1782	1785	rVB2	60781	51741	3.29%	0.307%
71	12.633	1790	1793	1796	rBV2	60195	61640	3.92%	0.366%
72	12.757	1811	1814	1816	rBV	110280	89380	5.68%	0.530%
73	12.780	1816	1818	1821	rVB4	25414	21367	1.36%	0.127%
74	12.910	1835	1840	1843	rBV	1530113	1500601	95.42%	8.899%
75	13.139	1876	1879	1881	rBV	36647	34357	2.18%	0.204%
76	13.486	1936	1938	1940	rVB2	29449	22653	1.44%	0.134%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.815	1992	1994	1997	rVB2	34658	27109	1.72%	0.161%
78	13.862	1997	2002	2012	rBV5	52888	152499	9.70%	0.904%
79	13.962	2016	2019	2022	rBV	376072	348040	22.13%	2.064%
80	14.439	2098	2100	2104	rVB	46770	36719	2.33%	0.218%
81	15.445	2267	2271	2275	rBV2	185270	223713	14.23%	1.327%

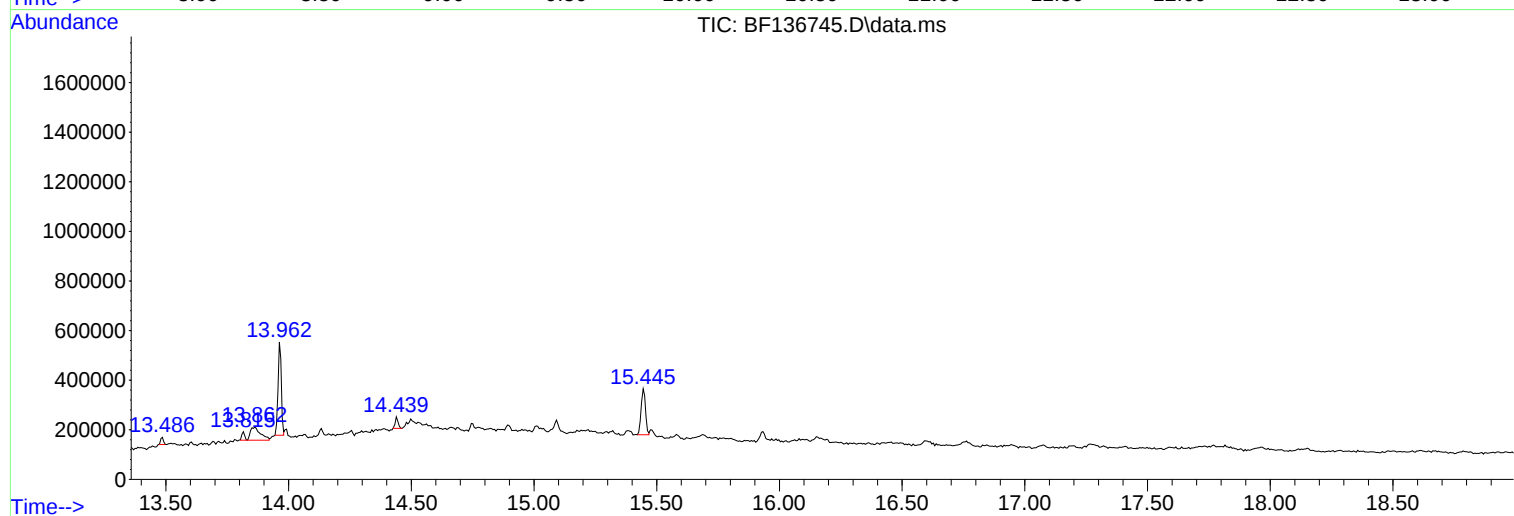
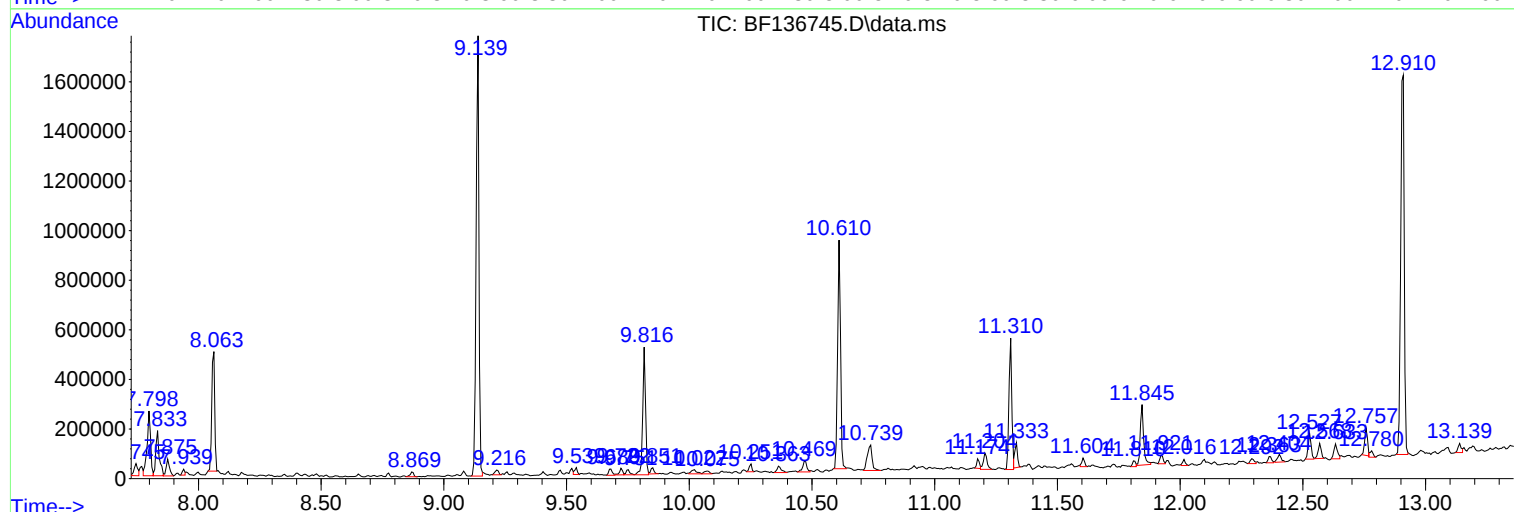
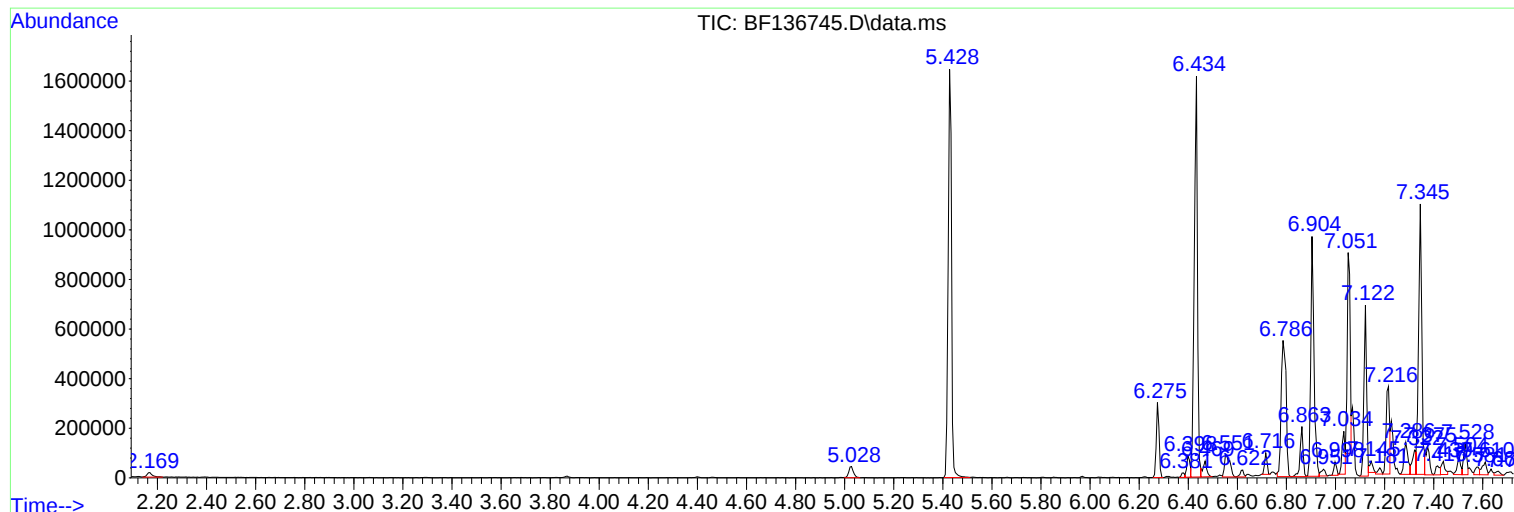
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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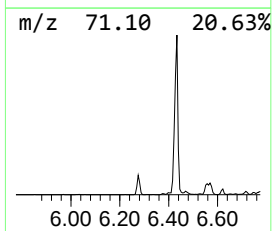
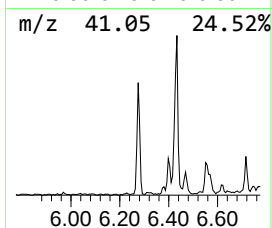
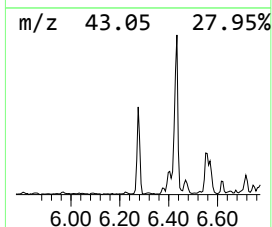
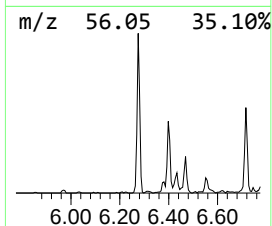
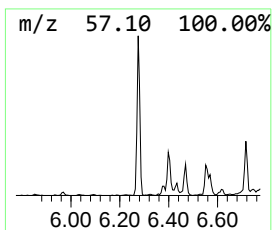
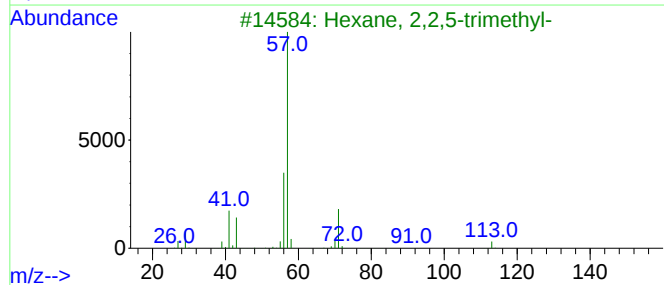
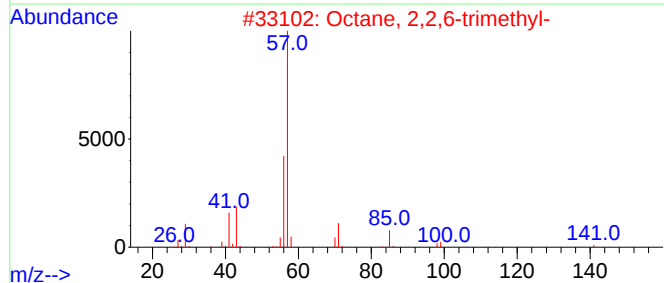
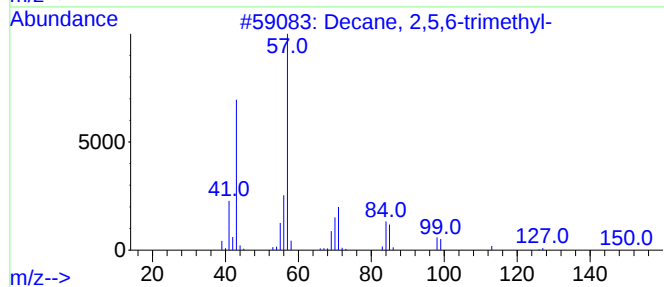
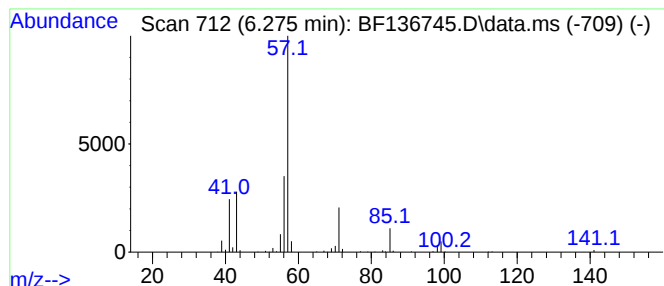
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane, 2,5,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.275	6.28 ng	237345	1,4-Dichlorobenzene-d4	6.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	78
2			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	64
3			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
4			Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	59
5			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59



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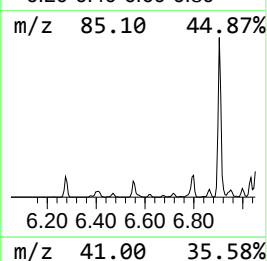
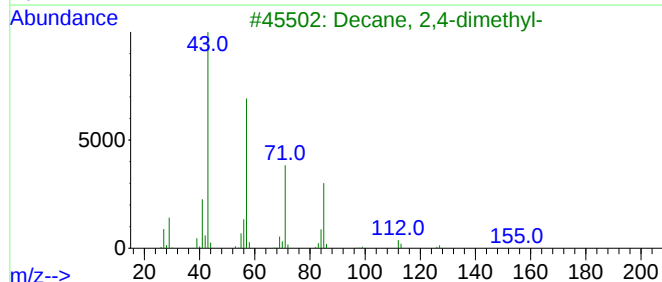
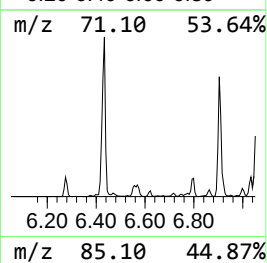
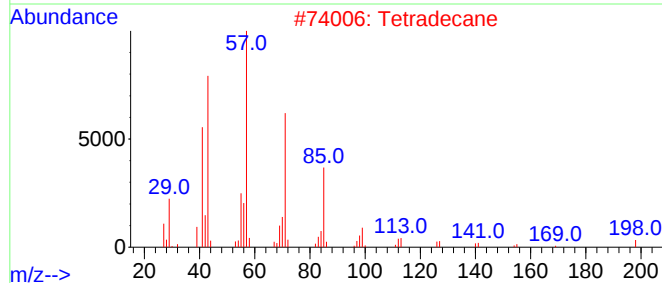
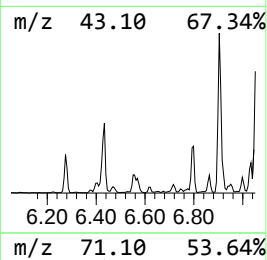
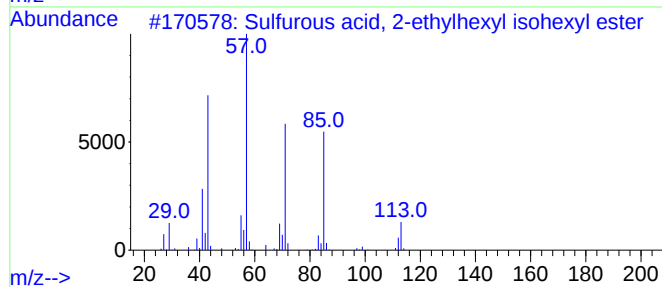
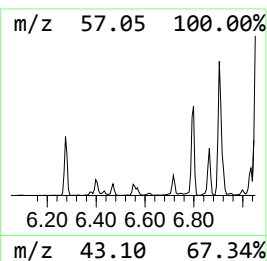
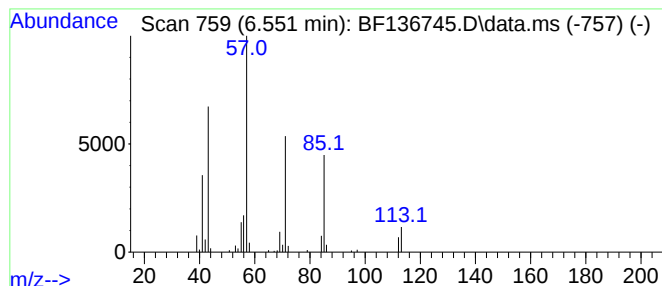
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Sulfurous acid, 2-ethylhexy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.551	3.61 ng	136512	1,4-Dichlorobenzene-d4	6.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	86
2			Tetradecane	198	C14H30	000629-59-4	78
3			Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	72
4			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
5			Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	64



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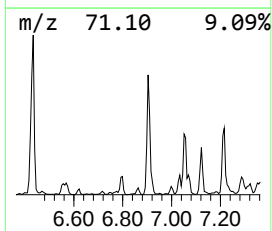
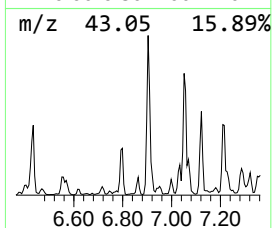
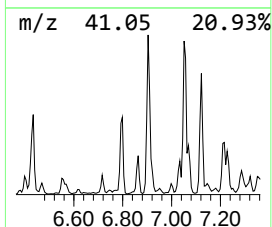
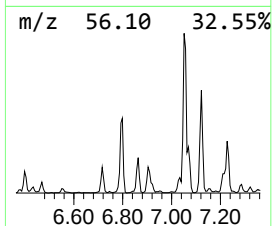
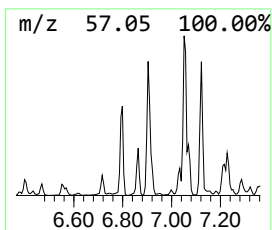
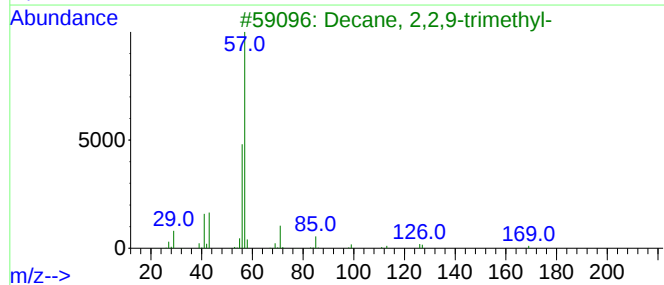
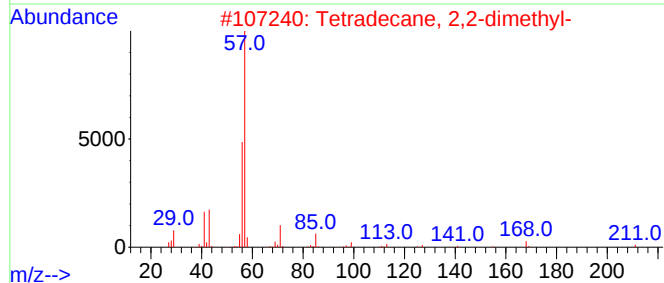
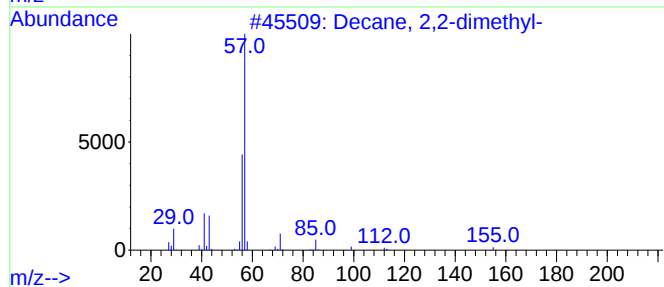
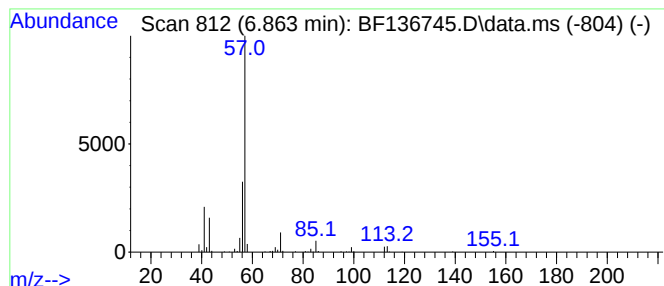
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Decane, 2,2-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.863	4.52 ng	170704	1,4-Dichlorobenzene-d4	6.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	78
2			Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	78
3			Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	78
4			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	78
5			Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	78



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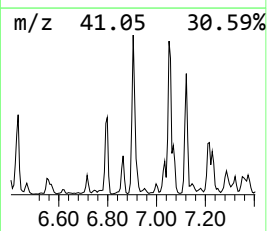
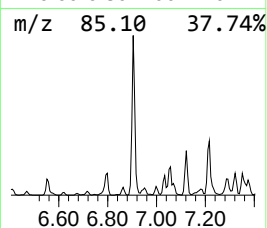
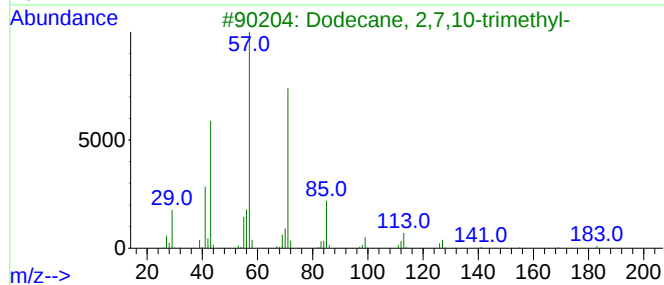
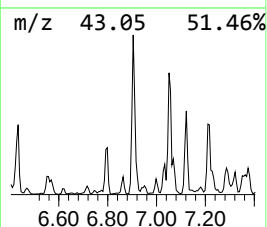
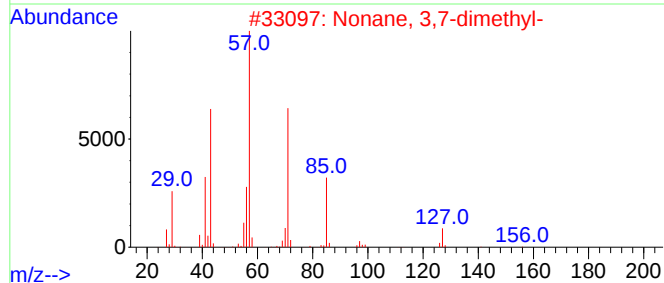
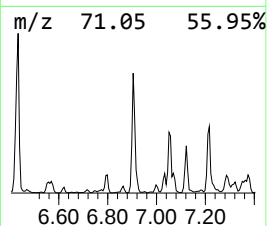
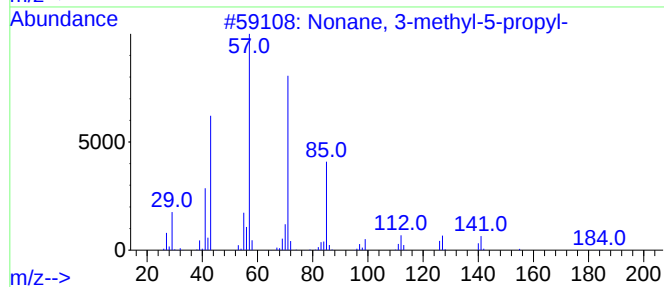
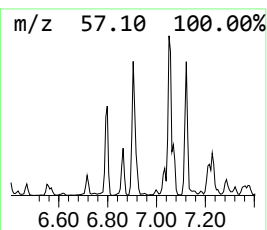
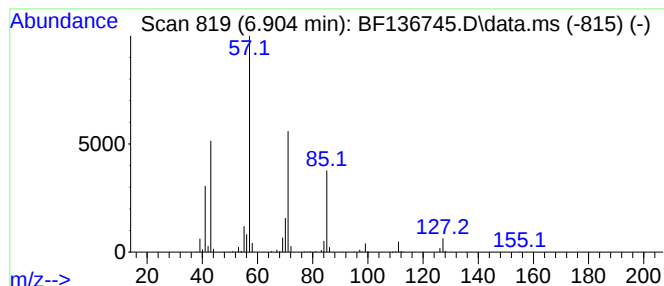
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Nonane, 3-methyl-5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.904	23.59 ng	891264	1,4-Dichlorobenzene-d4	6.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	78
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
5			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136745.D
Acq On : 27 Dec 2023 04:48
Operator : CG\JU
Sample : 05602-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROUTE-4-TP-5

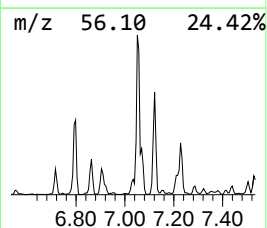
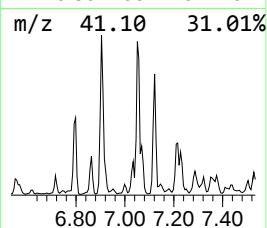
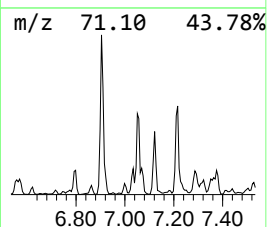
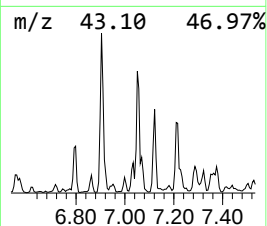
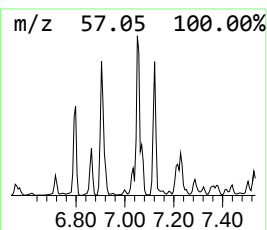
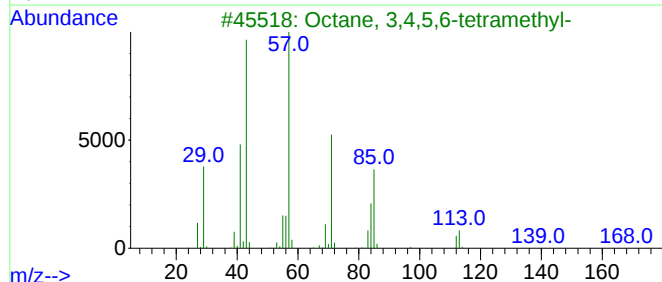
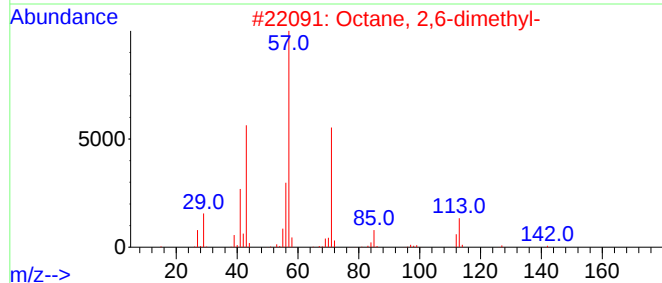
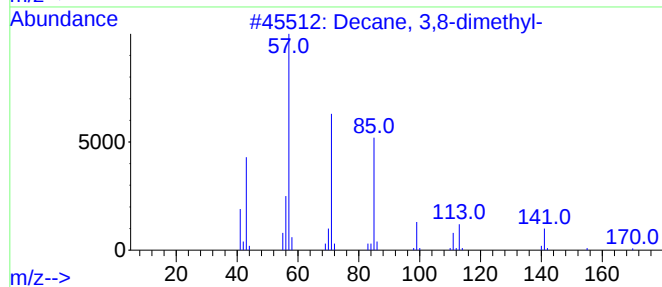
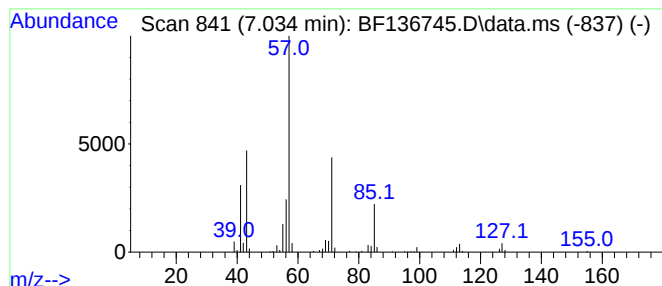
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Decane, 3,8-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.034	3.86 ng	145928	1,4-Dichlorobenzene-d4	6.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
3			Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	59
4			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59
5			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136745.D
Acq On : 27 Dec 2023 04:48
Operator : CG\JU
Sample : 05602-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
ROUTE-4-TP-5

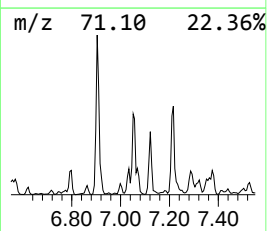
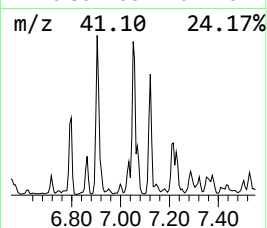
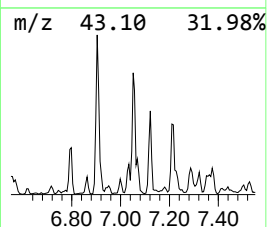
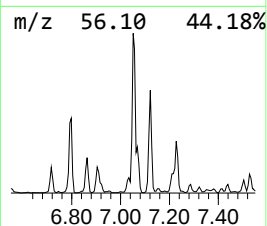
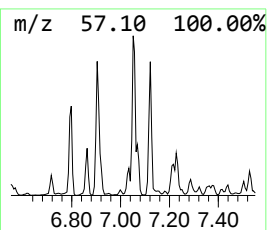
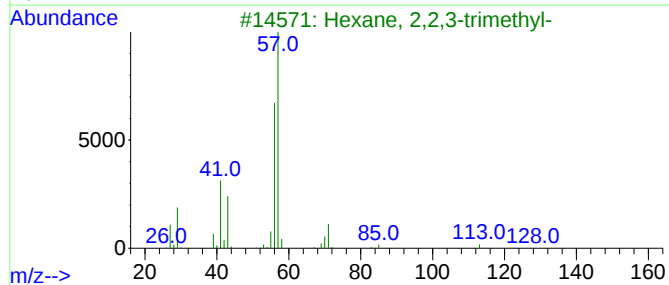
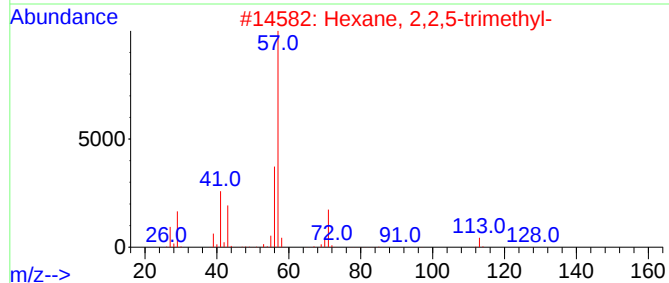
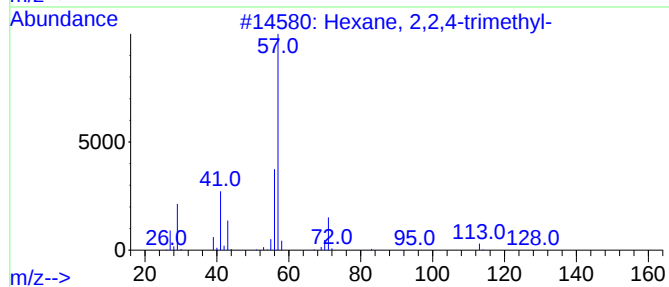
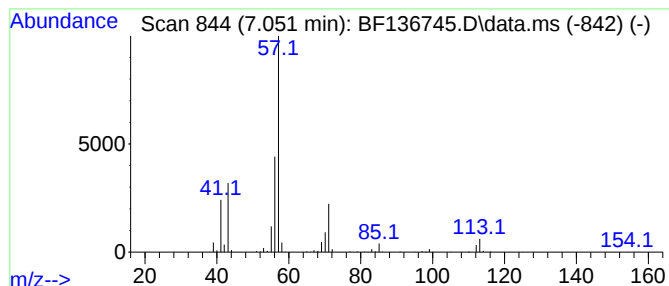
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexane, 2,2,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.051	17.78 ng	671650	1,4-Dichlorobenzene-d4	6.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	78
2			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	72
3			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	72
4			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	64
5			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136745.D
Acq On : 27 Dec 2023 04:48
Operator : CG\JU
Sample : 05602-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROUTE-4-TP-5

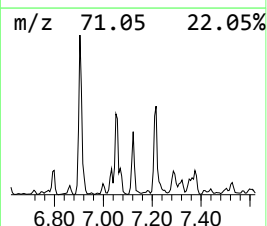
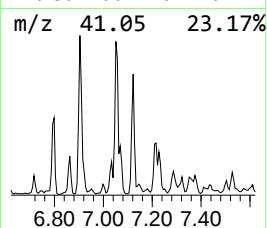
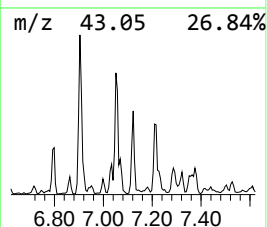
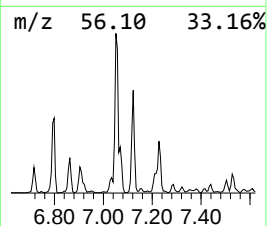
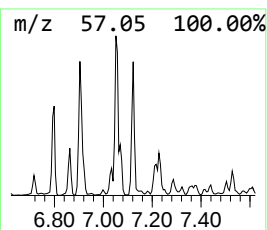
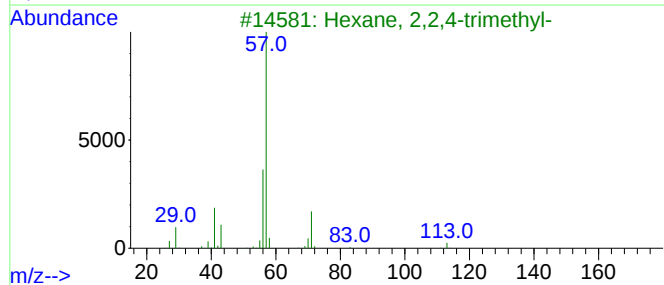
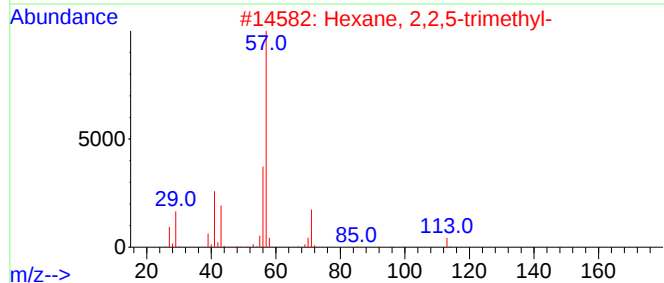
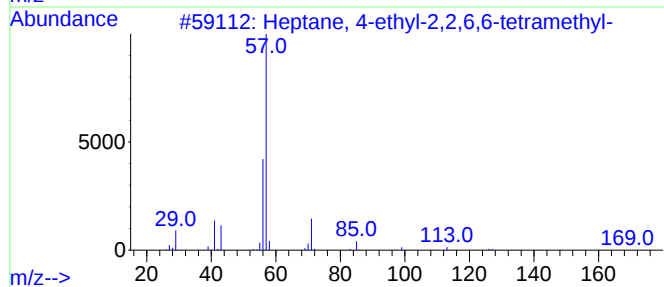
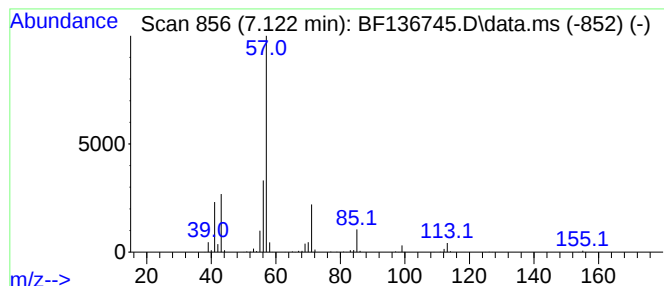
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptane, 4-ethyl-2,2,6,6-te... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.122	13.93 ng	526430	1,4-Dichlorobenzene-d4	6.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	64
2			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
3			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64
4			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	50
5			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136745.D
Acq On : 27 Dec 2023 04:48
Operator : CG\JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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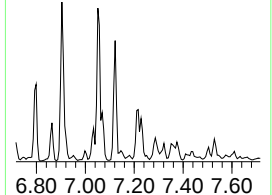
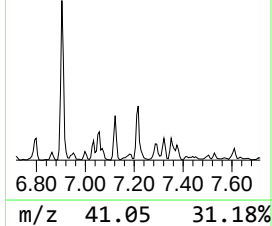
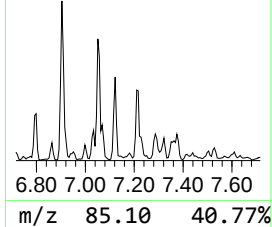
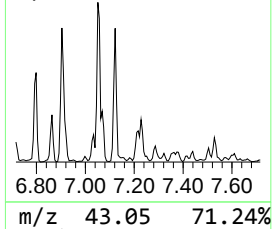
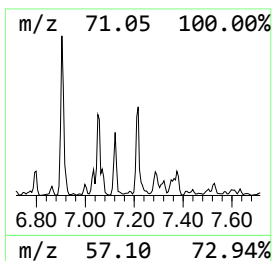
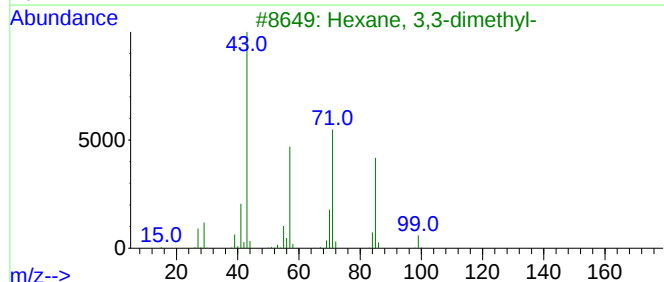
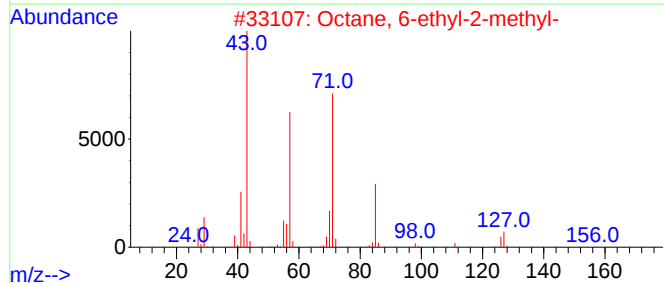
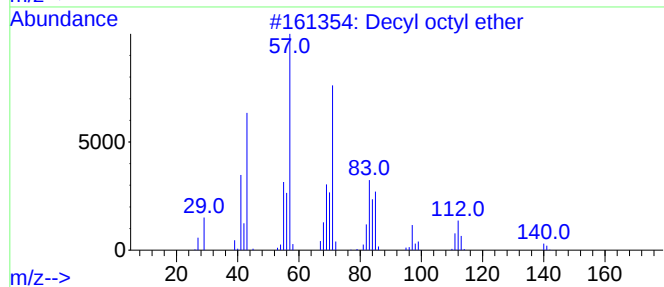
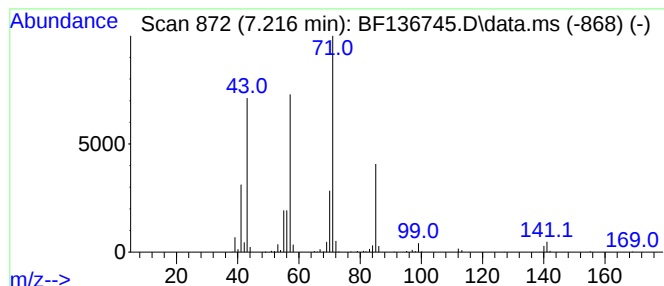
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Decyl octyl ether Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.216	9.21 ng	347987	1,4-Dichlorobenzene-d4	6.786

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decyl octyl ether	270	C18H38O	1000406-38-3	72
2		Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	72
3		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	72
4		Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	64
5		Sulfurous acid, nonyl pentyl ester	278	C14H30O3S	1000309-14-2	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136745.D
Acq On : 27 Dec 2023 04:48
Operator : CG\JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ROUTE-4-TP-5

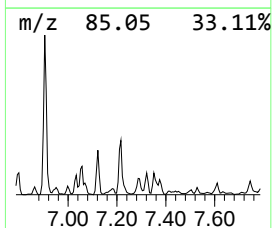
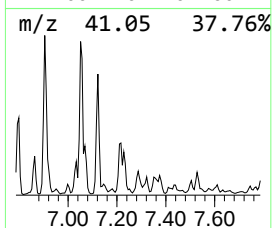
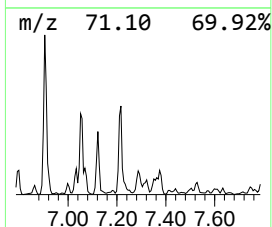
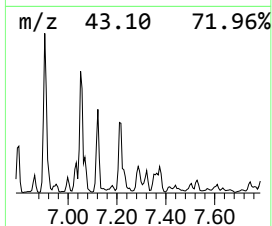
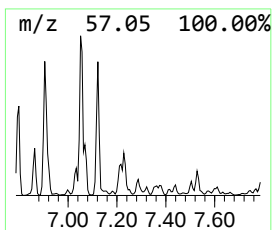
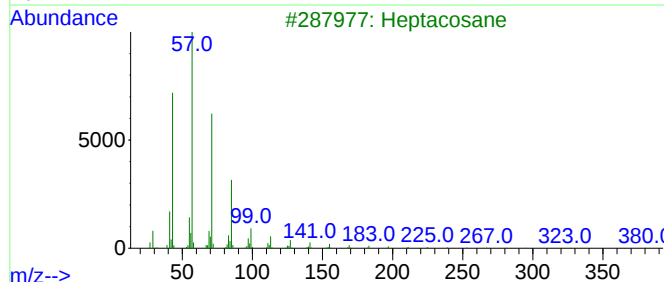
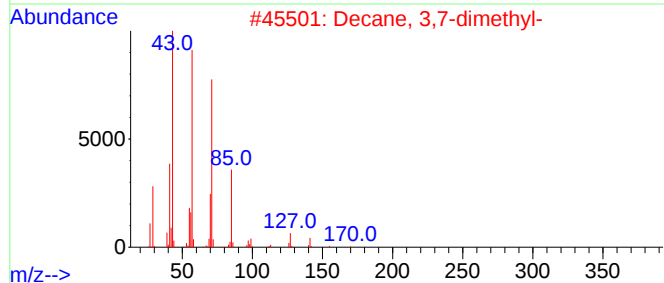
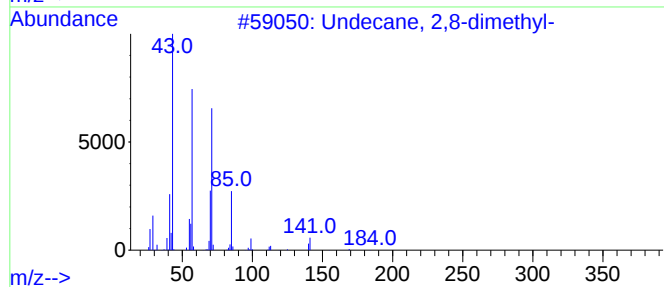
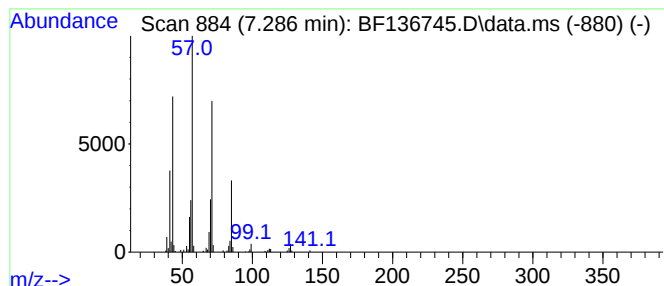
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Undecane, 2,8-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.286	3.95 ng	149397	1,4-Dichlorobenzene-d4	6.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	59
2			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	59
3			Heptacosane	380	C27H56	000593-49-7	53
4			Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	53
5			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136745.D
Acq On : 27 Dec 2023 04:48
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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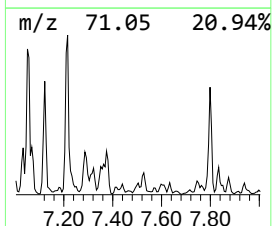
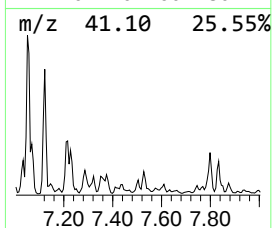
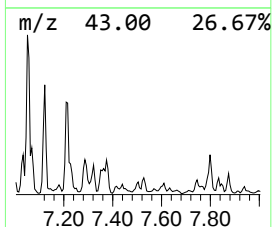
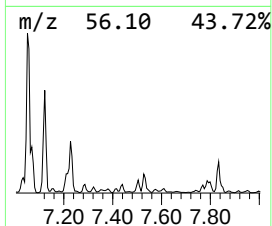
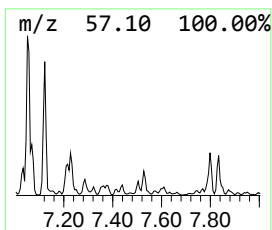
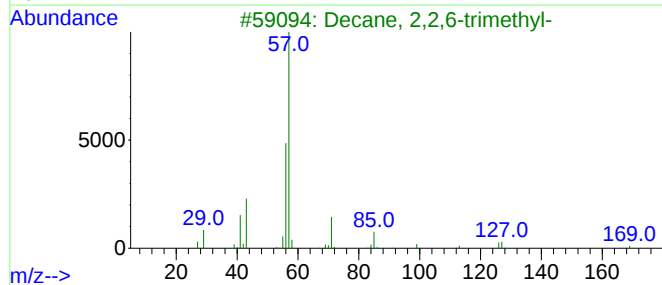
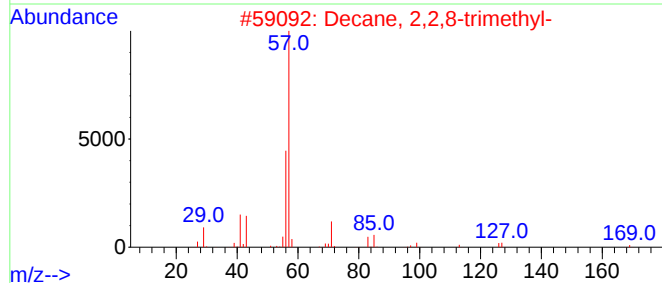
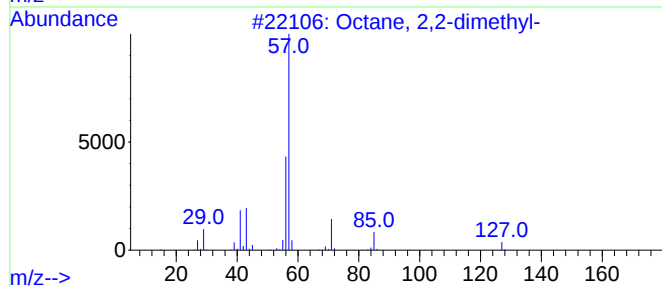
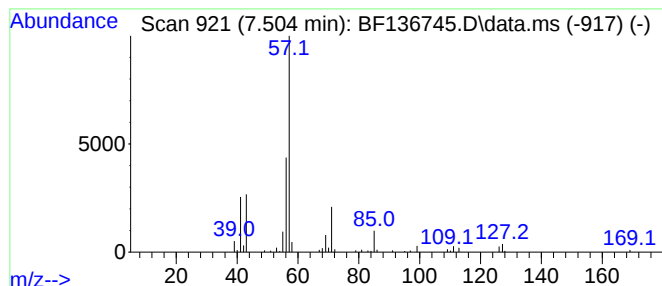
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octane, 2,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.504	3.58 ng	72376	Naphthalene-d8	8.063

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	72
2		Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	72
3		Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	72
4		Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	72
5		Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	64



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Acq On : 27 Dec 2023 04:48
Operator : CG\JU
Sample : 05602-09
Misc :
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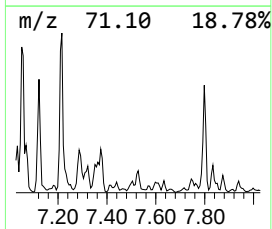
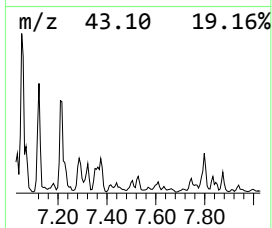
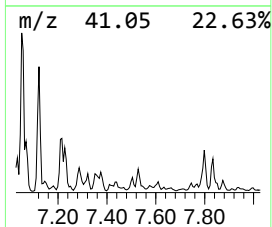
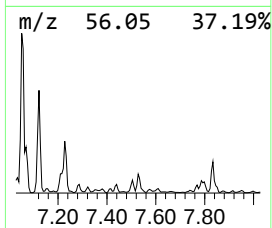
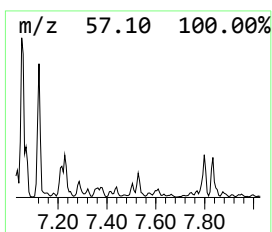
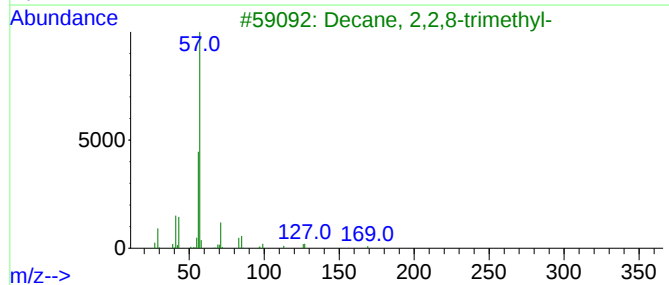
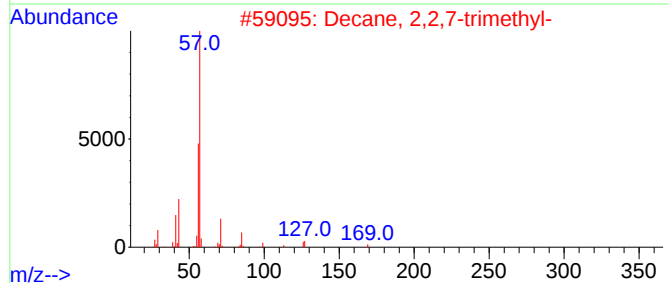
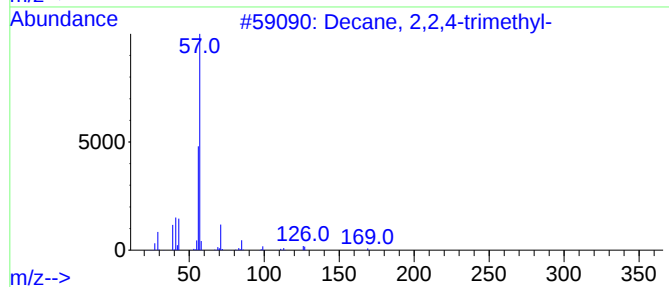
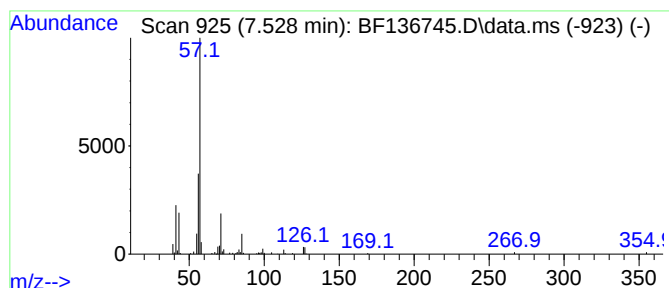
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Decane, 2,2,4-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.528	5.17 ng	104610	Naphthalene-d8	8.063

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 2,2,4-trimethyl-	184	C13H28	062237-98-3	78
2		Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	78
3		Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	78
4		Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	78
5		Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
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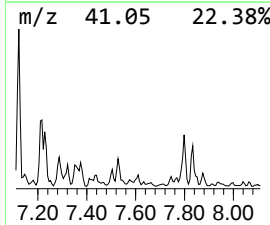
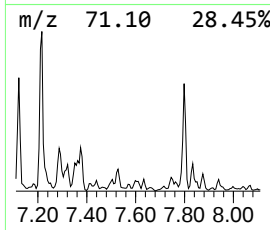
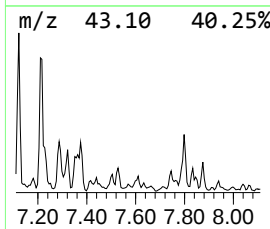
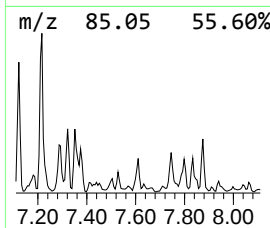
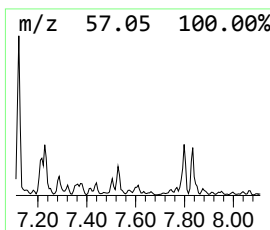
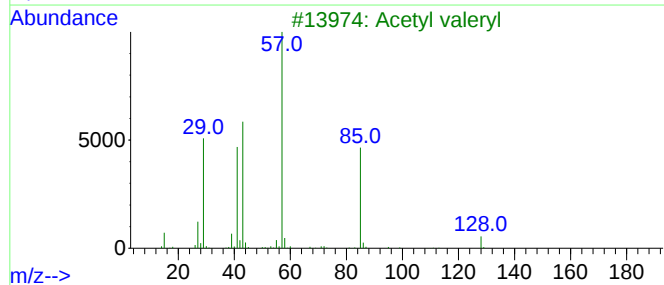
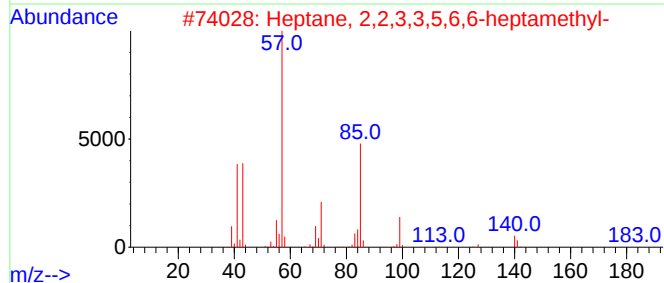
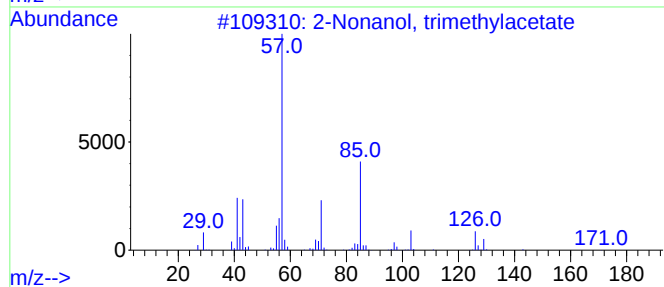
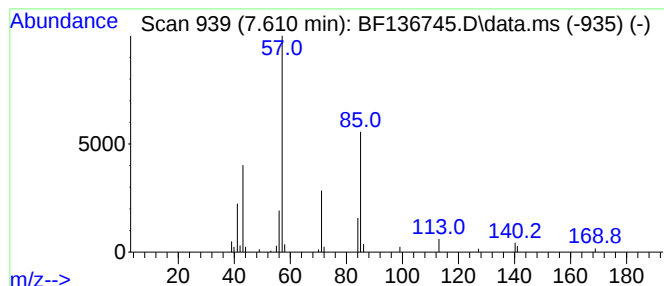
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 2-Nonanol, trimethylacetate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.610	3.12 ng	63173	Naphthalene-d8	8.063

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Nonanol, trimethylacetate	228	C14H28O2	1000463-21-6	72
2		Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	50
3		Acetyl valeryl	128	C7H12O2	000096-04-8	38
4		2-Pyrrolidinone	85	C4H7NO	000616-45-5	38
5		Tetradecane	198	C14H30	000629-59-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136745.D
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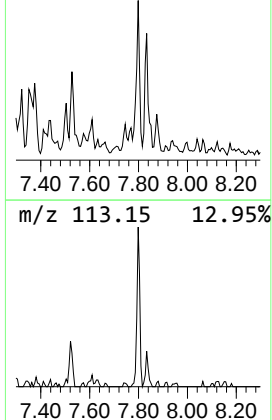
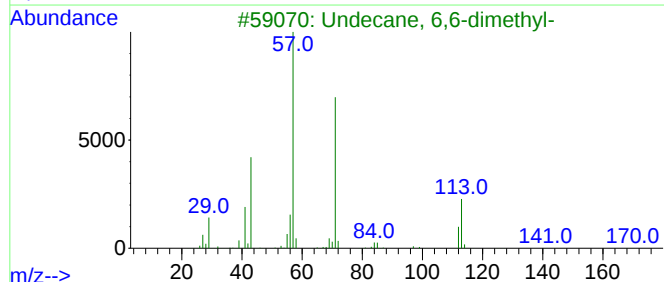
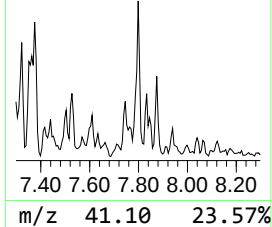
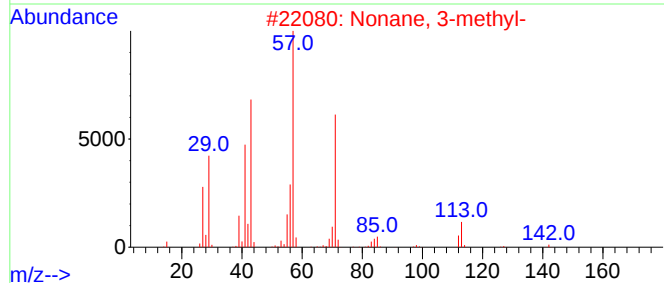
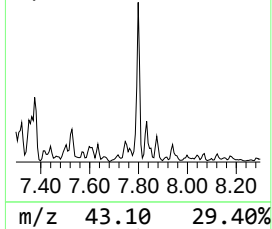
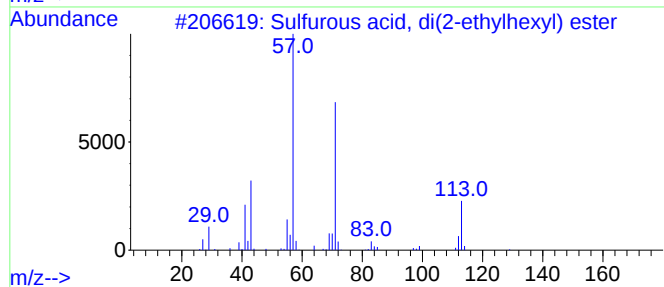
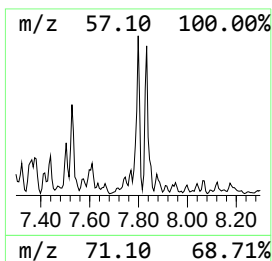
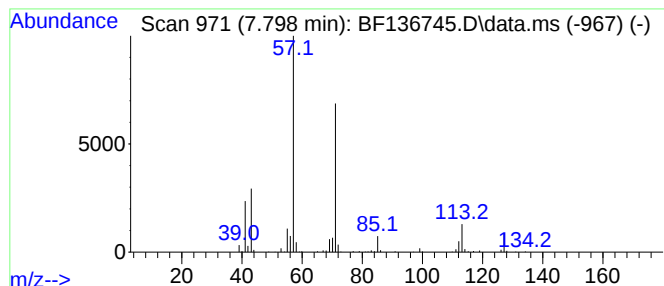
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Sulfurous acid, di(2-ethylh... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.798	12.69 ng	256757	Naphthalene-d8	8.063

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	72
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	59
3		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	56
4		3-Hexanone, 2,2-dimethyl-	128	C8H16O	005405-79-8	53
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136745.D
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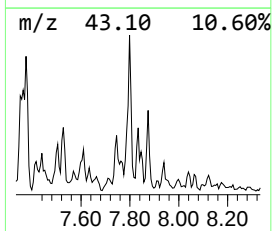
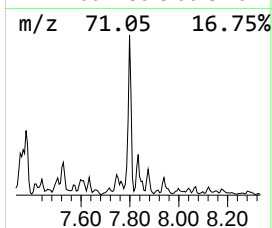
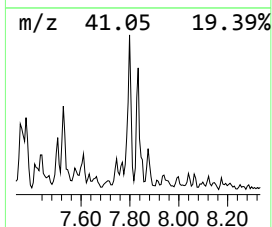
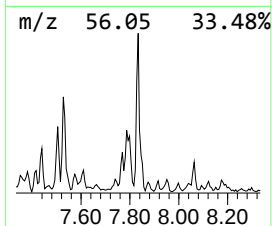
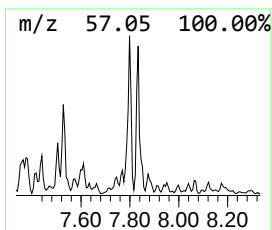
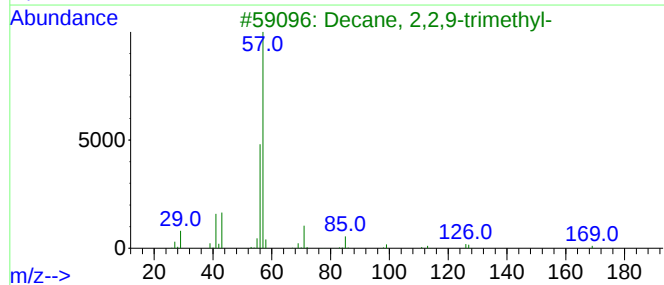
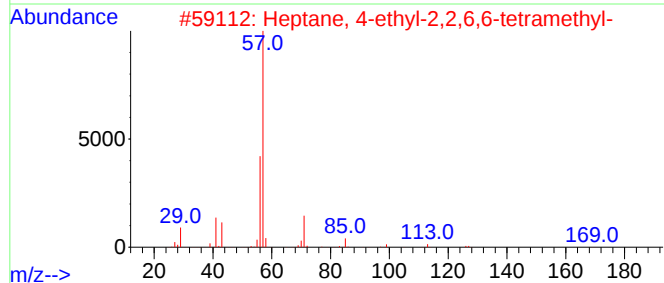
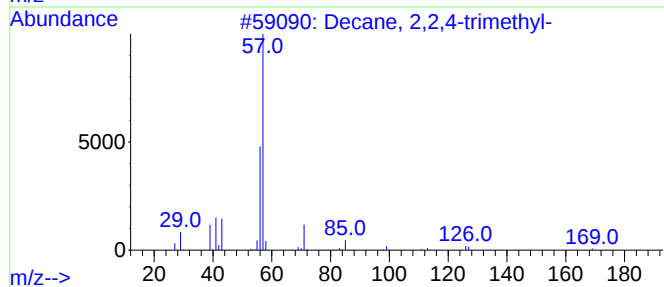
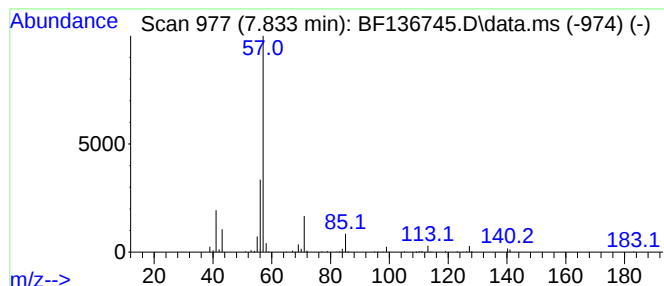
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Heptane, 4-ethyl-2,2,6,6-te... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.833	8.81 ng	178251	Naphthalene-d8	8.063

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 2,2,4-trimethyl-	184	C13H28	062237-98-3	78
2		Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	78
3		Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	78
4		Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	78
5		Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
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ClientSampleId :
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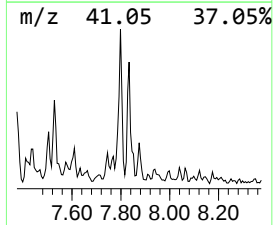
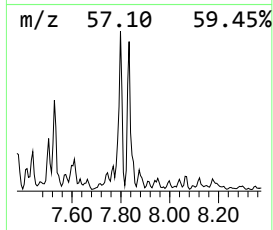
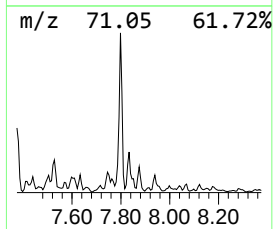
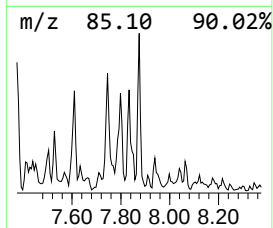
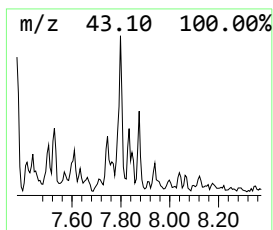
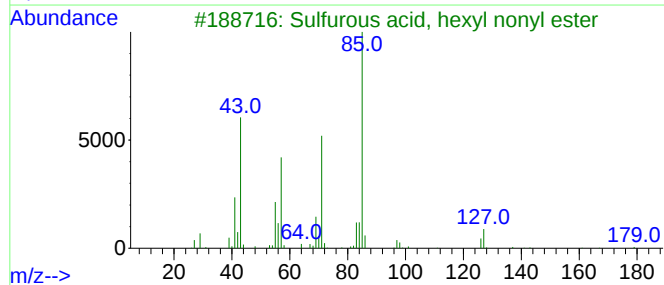
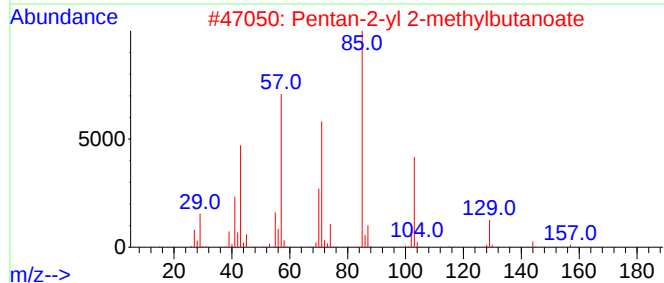
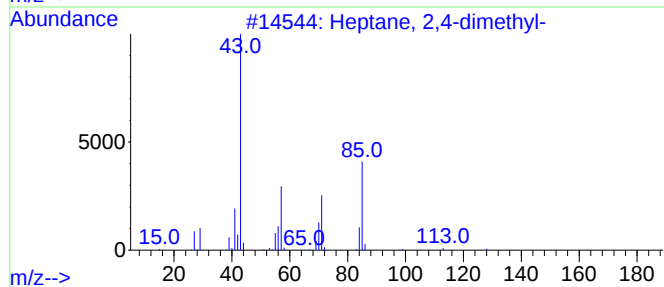
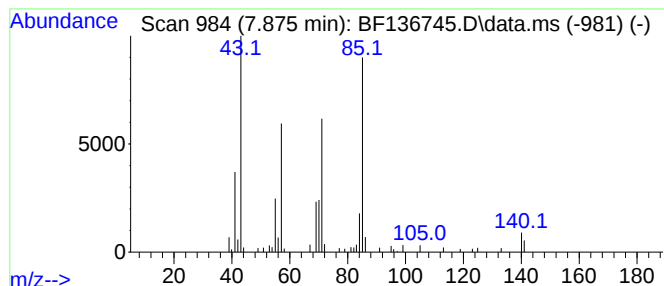
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Heptane, 2,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.875	3.09 ng	62553	Naphthalene-d8	8.063

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	78
2		Pentan-2-yl 2-methylbutanoate	172	C10H20O2	1000372-71-7	72
3		Sulfurous acid, hexyl nonyl ester	292	C15H32O3S	1000309-13-1	72
4		Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	64
5		Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
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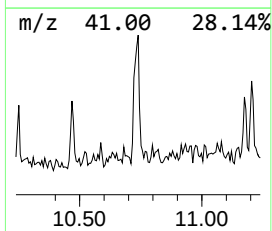
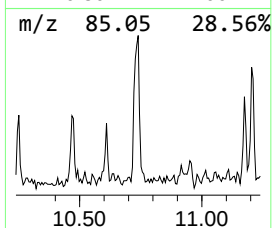
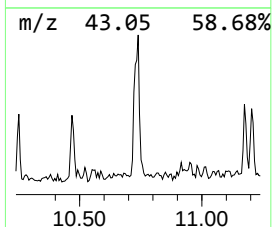
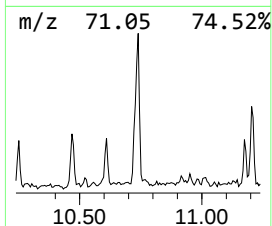
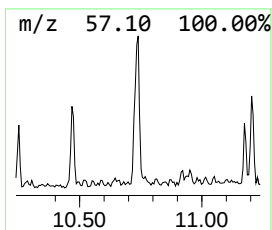
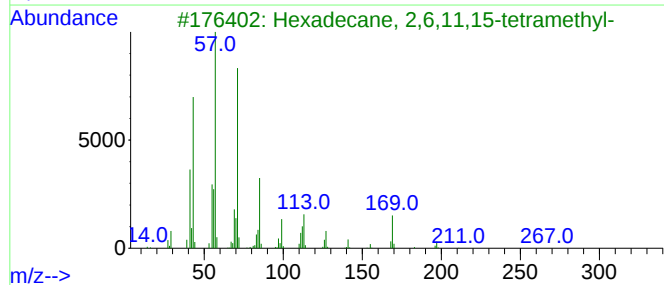
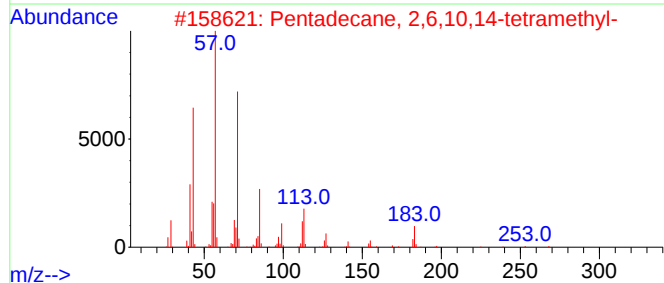
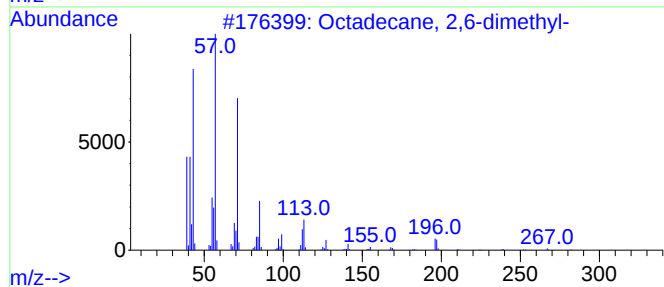
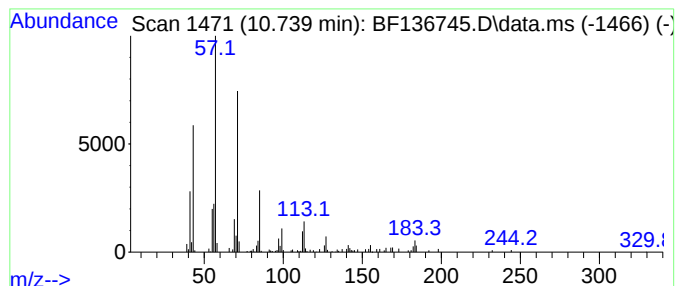
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Octadecane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.739	6.52 ng	140542	Phenanthrene-d10	11.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	91
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
3		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	90
4		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	72
5		Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
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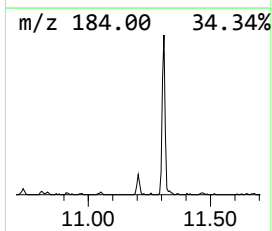
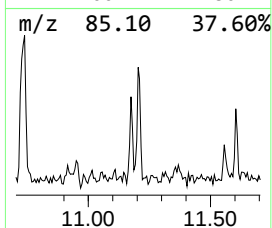
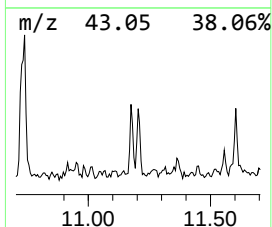
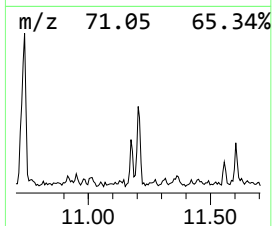
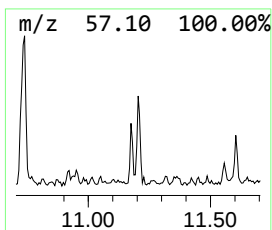
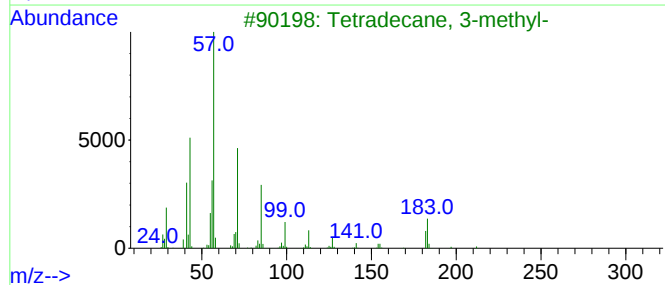
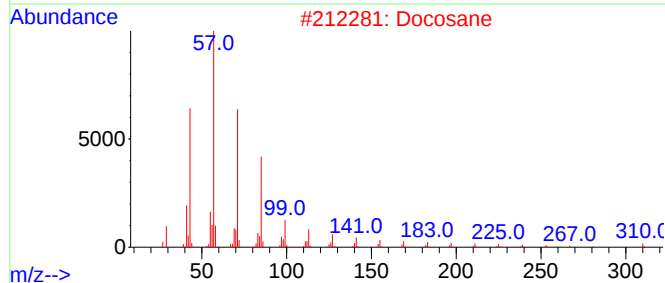
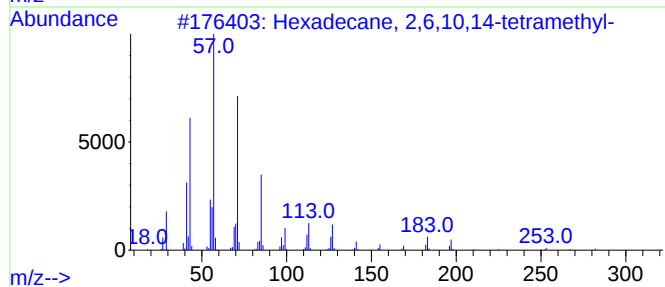
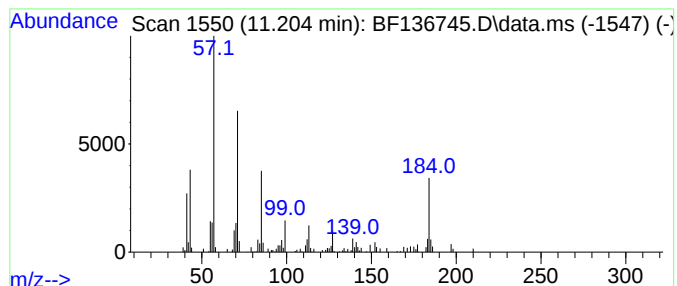
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane, 2,6,10,14-tetra... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	3.20 ng	69016	Phenanthrene-d10	11.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	74
2		Docosane	310	C22H46	000629-97-0	64
3		Tetradecane, 3-methyl-	212	C15H32	018435-22-8	64
4		Heptadecane	240	C17H36	000629-78-7	64
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136745.D
Acq On : 27 Dec 2023 04:48
Operator : CG\JU
Sample : 05602-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROUTE-4-TP-5

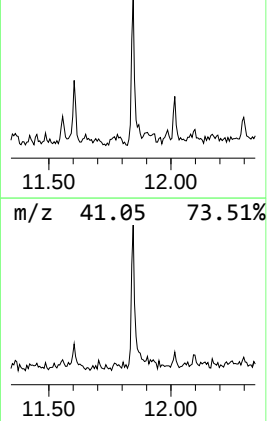
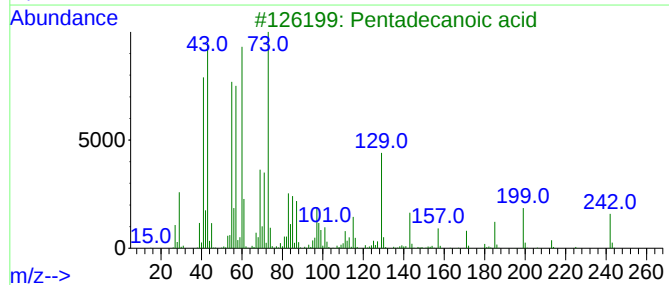
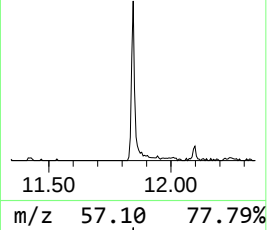
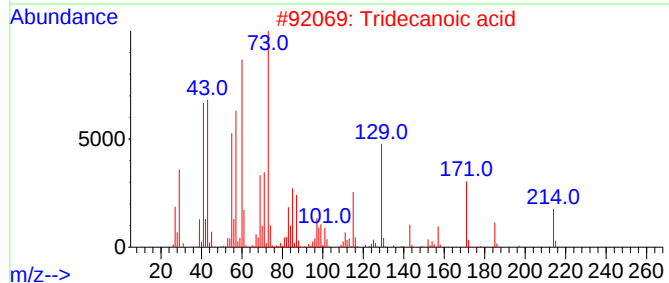
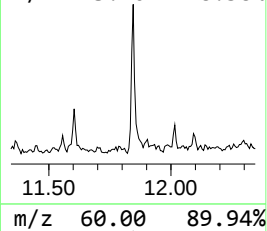
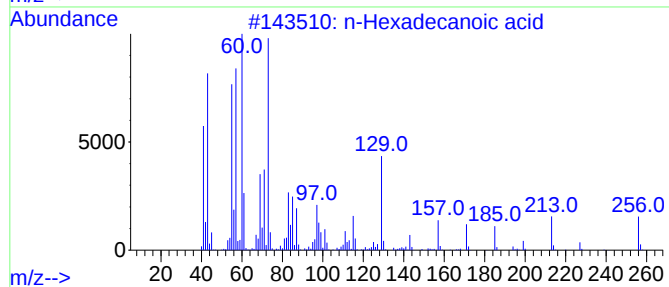
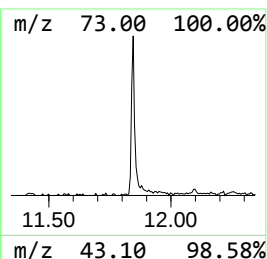
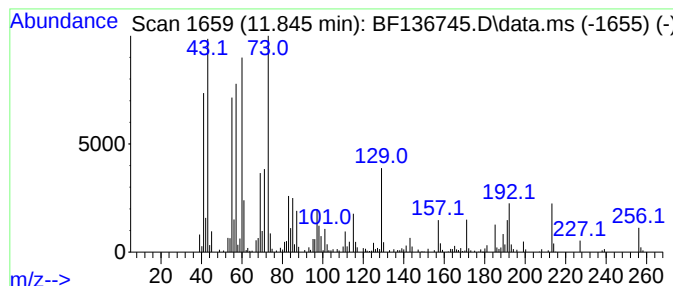
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	10.65 ng	229453	Phenanthrene-d10	11.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		Undecanoic acid	186	C11H22O2	000112-37-8	81
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136745.D
Acq On : 27 Dec 2023 04:48
Operator : CG\JU
Sample : 05602-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ROUTE-4-TP-5

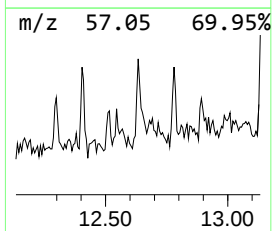
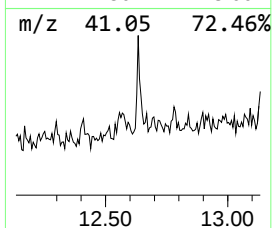
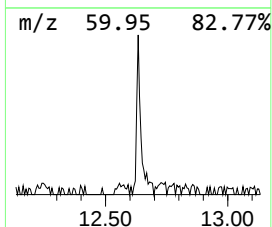
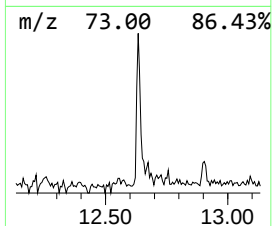
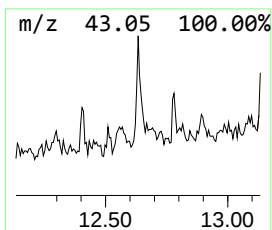
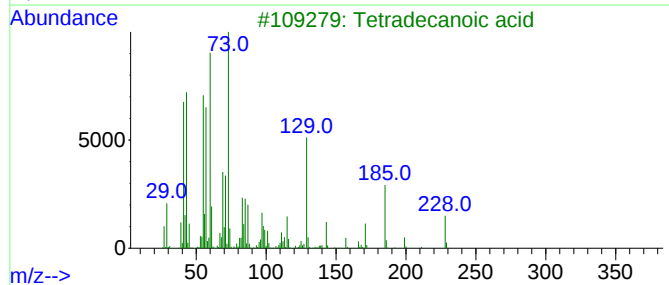
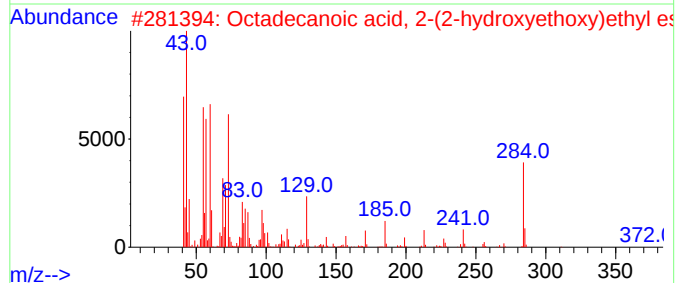
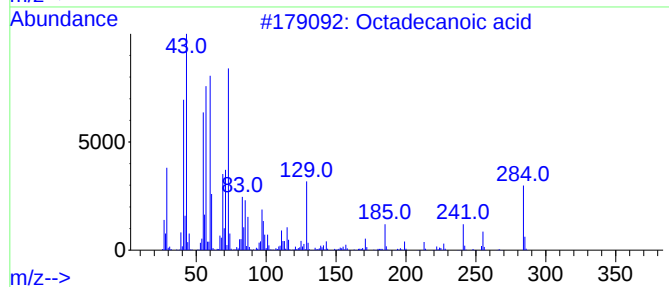
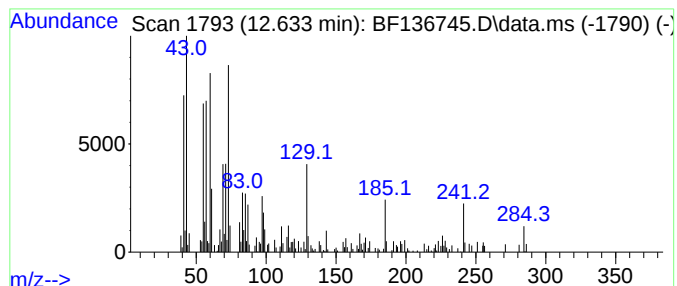
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.633	2.86 ng	61640	Phenanthrene-d10	11.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4		Undecanoic acid	186	C11H22O2	000112-37-8	74
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136745.D
Acq On : 27 Dec 2023 04:48
Operator : CG\JU
Sample : 05602-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROUTE-4-TP-5

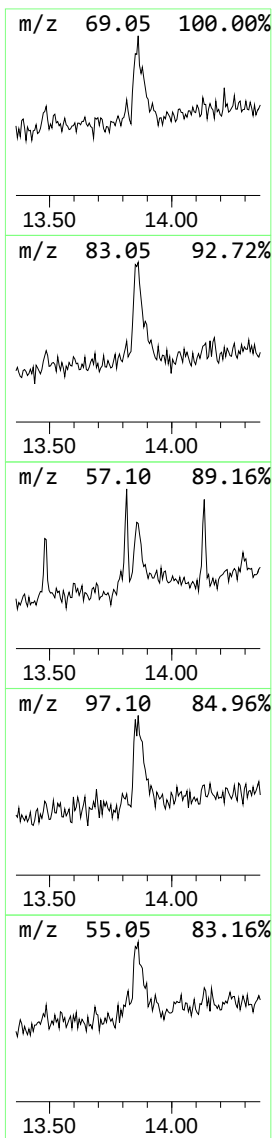
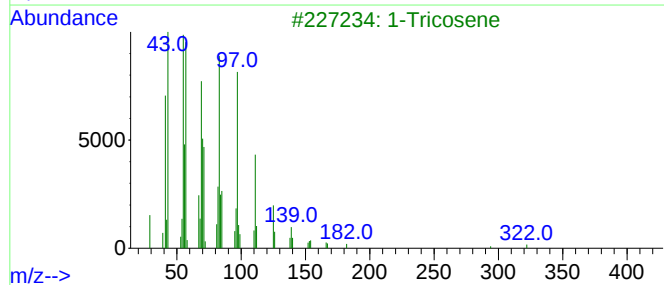
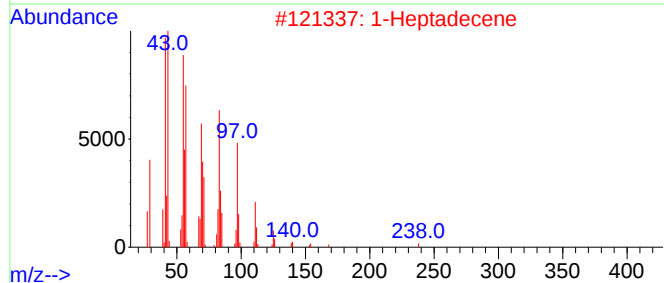
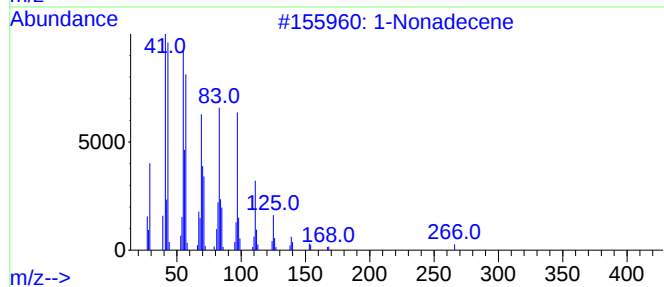
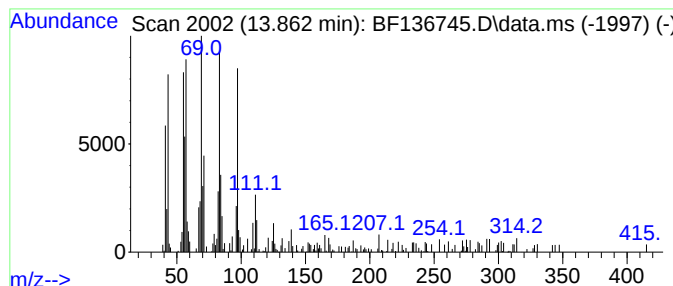
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-Nonadecene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.863	8.76 ng	152499	Chrysene-d12		13.963

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene		266	C19H38	018435-45-5	86
2	1-Heptadecene		238	C17H34	006765-39-5	86
3	1-Tricosene		322	C23H46	018835-32-0	83
4	Cyclotetradecane		196	C14H28	000295-17-0	72
5	7-Heptadecene, 17-chloro-		272	C17H33Cl	056554-79-1	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136745.D
 Acq On : 27 Dec 2023 04:48
 Operator : CG\JU
 Sample : 05602-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROUTE-4-TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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
Decane, 2,5,6-t...	6.275	6.3	ng	237345	1	6.786	755622	20.0
Sulfurous acid,...	6.551	3.6	ng	136512	1	6.786	755622	20.0
Decane, 2,2-dim...	6.863	4.5	ng	170704	1	6.786	755622	20.0
Nonane, 3-methy...	6.904	23.6	ng	891264	1	6.786	755622	20.0
Decane, 3,8-dim...	7.034	3.9	ng	145928	1	6.786	755622	20.0
Hexane, 2,2,4-t...	7.051	17.8	ng	671650	1	6.786	755622	20.0
Heptane, 4-ethy...	7.122	13.9	ng	526430	1	6.786	755622	20.0
Decyl octyl ether	7.216	9.2	ng	347987	1	6.786	755622	20.0
Undecane, 2,8-d...	7.286	4.0	ng	149397	1	6.786	755622	20.0
Octane, 2,2-dim...	7.504	3.6	ng	72376	2	8.063	404628	20.0
Decane, 2,2,4-t...	7.528	5.2	ng	104610	2	8.063	404628	20.0
2-Nonanol, trim...	7.610	3.1	ng	63173	2	8.063	404628	20.0
Sulfurous acid,...	7.798	12.7	ng	256757	2	8.063	404628	20.0
Heptane, 4-ethy...	7.833	8.8	ng	178251	2	8.063	404628	20.0
Heptane, 2,4-di...	7.875	3.1	ng	62553	2	8.063	404628	20.0
Octadecane, 2,6...	10.739	6.5	ng	140542	4	11.310	431074	20.0
Hexadecane, 2,6...	11.204	3.2	ng	69016	4	11.310	431074	20.0
n-Hexadecanoic ...	11.845	10.7	ng	229453	4	11.310	431074	20.0
Octadecanoic acid	12.633	2.9	ng	61640	4	11.310	431074	20.0
1-Nonadecene	13.863	8.8	ng	152499	5	13.963	348040	20.0