

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
 Data File : BF136436.D
 Acq On : 06 Dec 2023 19:20
 Operator : CG\JU
 Sample : 05446-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-111523A

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-BF120523.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136436.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.428	564	568	572	rBV	1549302	1502930	14.47%	3.670%
2	6.434	734	739	744	rBV	1515685	1363983	13.13%	3.331%
3	6.798	797	801	805	rBV	530434	428768	4.13%	1.047%
4	7.357	892	896	899	rVV	964313	777061	7.48%	1.897%
5	7.392	899	902	905	rVB	197411	155348	1.50%	0.379%
6	8.075	1012	1018	1021	rBV2	574327	738518	7.11%	1.803%
7	8.139	1024	1029	1031	rVB2	120326	156485	1.51%	0.382%
8	8.369	1063	1068	1070	rBV4	102881	134557	1.30%	0.329%
9	8.457	1080	1083	1086	rBV3	104675	107715	1.04%	0.263%
10	8.498	1086	1090	1092	rBV	141018	125181	1.20%	0.306%
11	8.581	1100	1104	1107	rBV2	162067	141274	1.36%	0.345%
12	8.669	1116	1119	1122	rBV	433686	341875	3.29%	0.835%
13	8.898	1155	1158	1162	rVB3	140027	109638	1.06%	0.268%
14	9.033	1177	1181	1186	rVB4	89148	105018	1.01%	0.256%
15	9.098	1189	1192	1197	rVB4	145499	131728	1.27%	0.322%
16	9.151	1197	1201	1204	rBV	1886495	1373716	13.22%	3.354%
17	9.233	1211	1215	1220	rBV	458530	412639	3.97%	1.008%
18	9.422	1240	1247	1251	rVB8	79658	108426	1.04%	0.265%
19	9.557	1265	1270	1272	rVV3	185441	225795	2.17%	0.551%
20	9.580	1272	1274	1276	rVV2	124717	110282	1.06%	0.269%
21	9.769	1303	1306	1310	rVB	446137	366900	3.53%	0.896%
22	9.828	1314	1316	1319	rVB	510348	454226	4.37%	1.109%
23	10.092	1357	1361	1364	rBV7	92453	117582	1.13%	0.287%
24	10.269	1388	1391	1393	rVB	478256	352104	3.39%	0.860%
25	10.486	1422	1428	1431	rBV	148523	203530	1.96%	0.497%
26	10.622	1446	1451	1455	rBV	1022522	894882	8.61%	2.185%
27	10.745	1469	1472	1480	rVB	471716	540469	5.20%	1.320%
28	11.192	1545	1548	1551	rBV	407296	339074	3.26%	0.828%
29	11.222	1551	1553	1558	rVB2	179281	184053	1.77%	0.449%
30	11.322	1567	1570	1572	rBV	631974	509442	4.90%	1.244%
31	11.345	1572	1574	1577	rVV	430054	334285	3.22%	0.816%
32	11.622	1618	1621	1624	rBV	382823	296807	2.86%	0.725%
33	11.727	1635	1639	1642	rVB	3254648	2527193	24.33%	6.171%
34	11.869	1658	1663	1670	rBV2	778754	947323	9.12%	2.313%
35	12.033	1687	1691	1697	rVB	326360	295517	2.84%	0.722%
36	12.427	1752	1758	1760	rBV	7523823	10389035	100.00%	25.369%

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Peak Location: TOP

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

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37	12.451	1760	1762	1767	rVV	6440301	5515681	53.09%	13.469%
38	12.521	1771	1774	1776	rVV	1520796	1422065	13.69%	3.472%
39	12.539	1776	1777	1779	rVV	543245	473567	4.56%	1.156%
40	12.563	1779	1781	1782	rVV	779665	656100	6.32%	1.602%
41	12.580	1782	1784	1791	rVV2	657198	799517	7.70%	1.952%
42	12.651	1794	1796	1802	rVB	206415	219841	2.12%	0.537%
43	12.768	1810	1816	1819	rBV	464835	520758	5.01%	1.272%
44	12.798	1819	1821	1824	rVB	223083	155467	1.50%	0.380%
45	12.921	1838	1842	1845	rVB	2130950	1761011	16.95%	4.300%
46	13.104	1870	1873	1879	rVB4	94623	172271	1.66%	0.421%
47	13.157	1879	1882	1887	rBV2	188697	265017	2.55%	0.647%
48	13.251	1895	1898	1901	rVB	158705	125550	1.21%	0.307%
49	13.363	1914	1917	1921	rBV3	113941	129260	1.24%	0.316%
50	13.921	2009	2012	2017	rBV	148103	168649	1.62%	0.412%
51	13.974	2017	2021	2023	rVV2	526747	588814	5.67%	1.438%
52	13.998	2023	2025	2028	rVB	150358	120149	1.16%	0.293%
53	15.021	2196	2199	2202	rBV	100385	138777	1.34%	0.339%
54	15.386	2258	2261	2268	rVB	94690	126821	1.22%	0.310%
55	15.457	2269	2273	2276	rBV	240504	289765	2.79%	0.708%

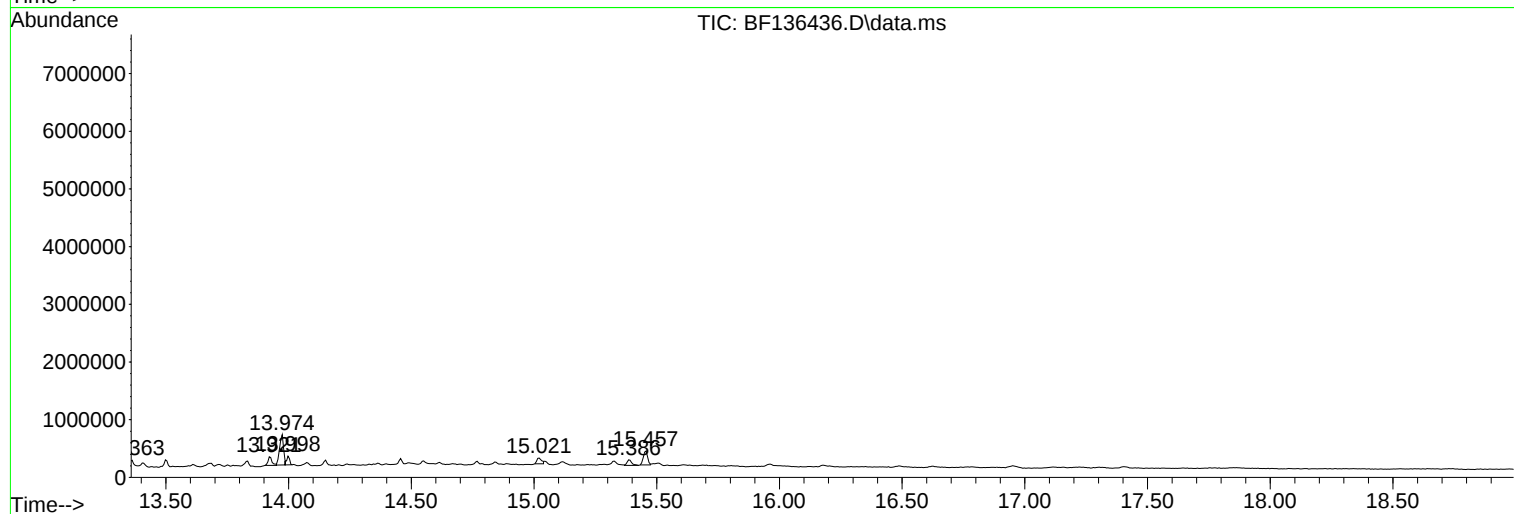
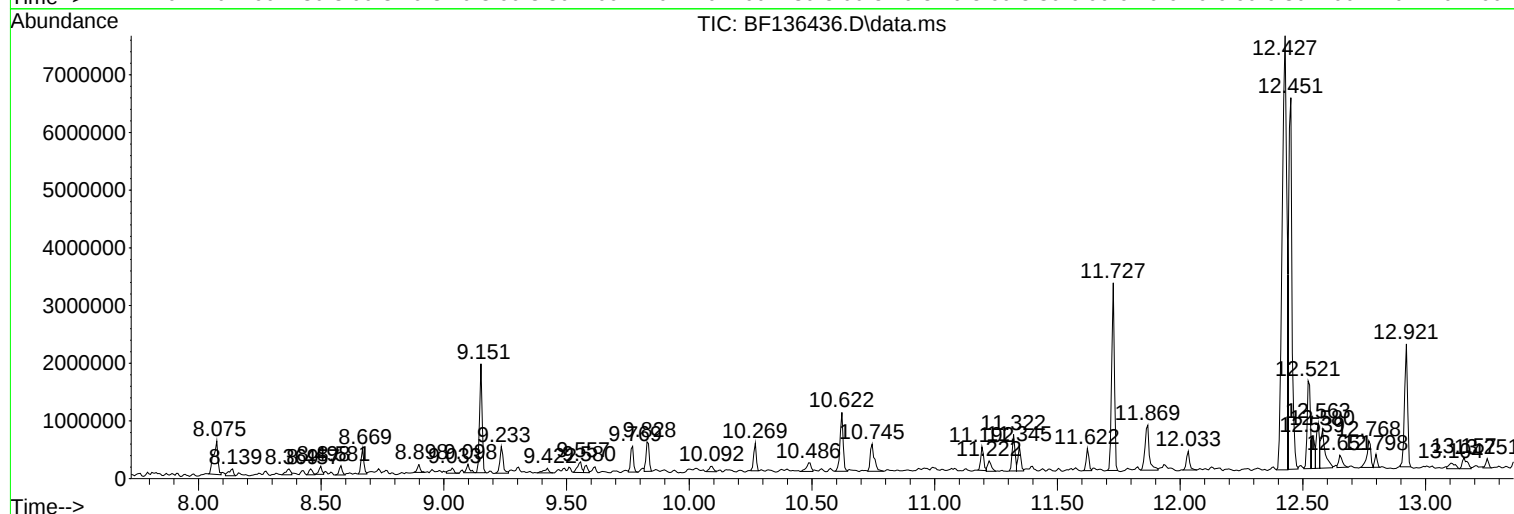
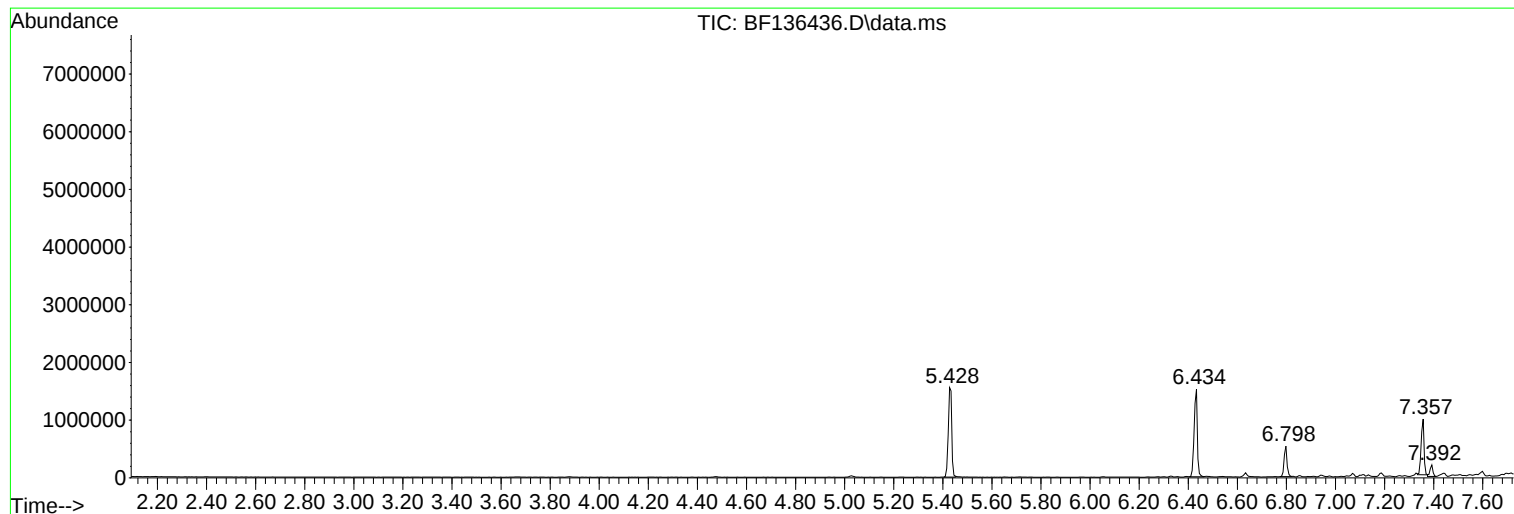
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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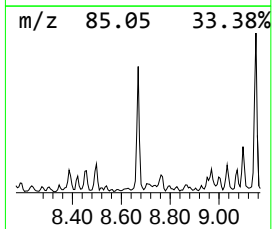
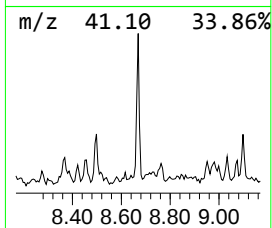
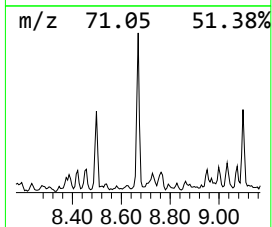
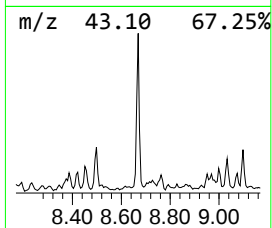
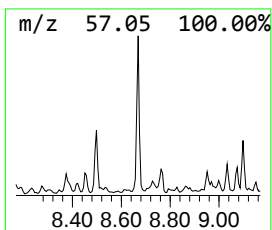
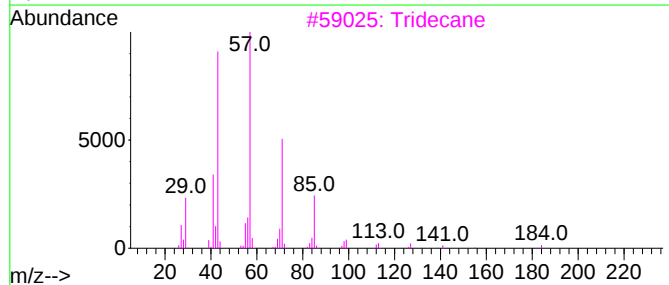
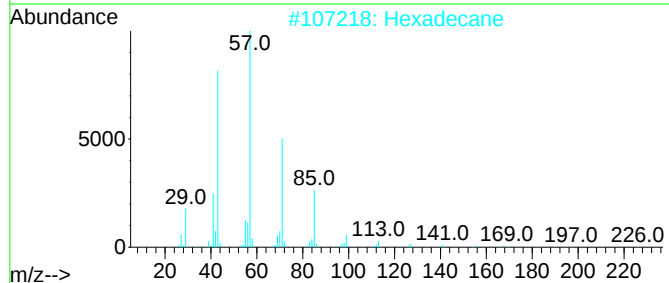
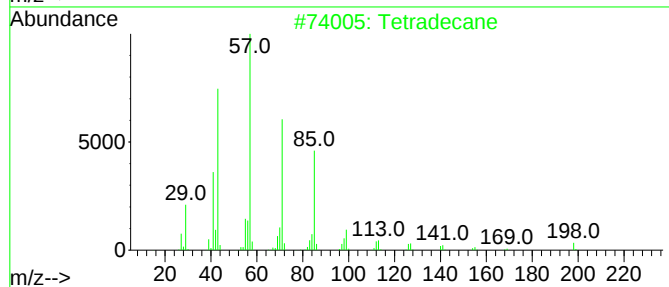
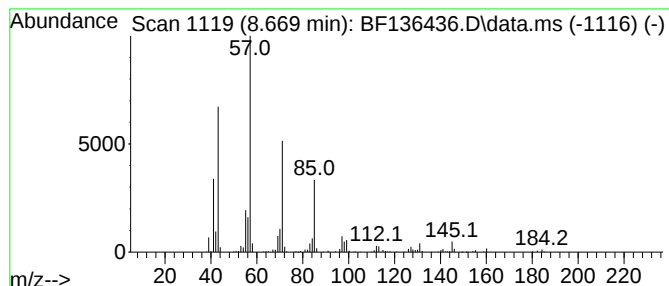
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.669	9.26 ng	341875	Naphthalene-d8	8.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	80
2			Hexadecane	226	C16H34	000544-76-3	80
3			Tridecane	184	C13H28	000629-50-5	76
4			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	64
5			Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	64



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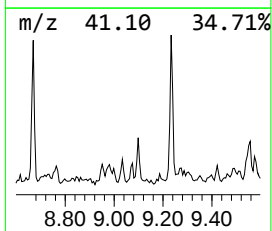
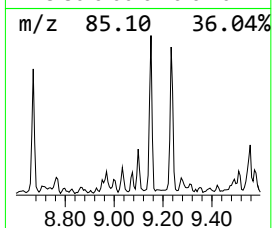
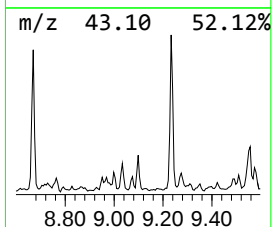
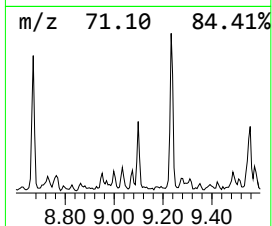
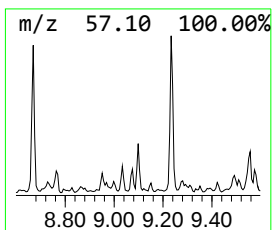
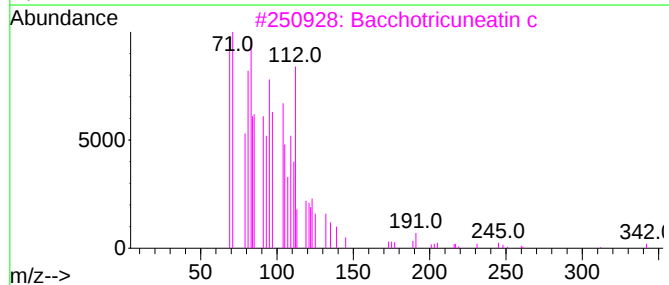
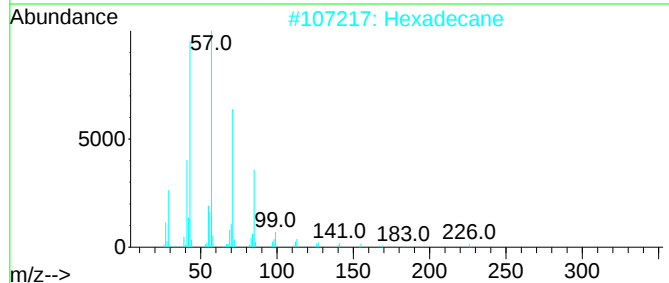
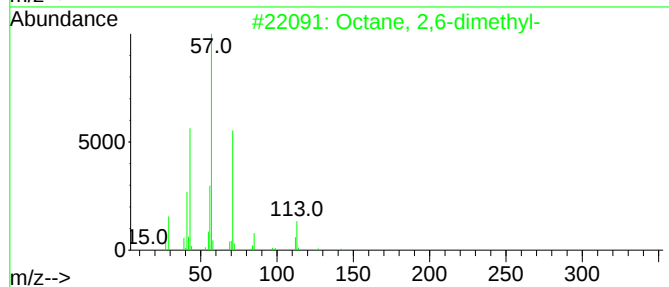
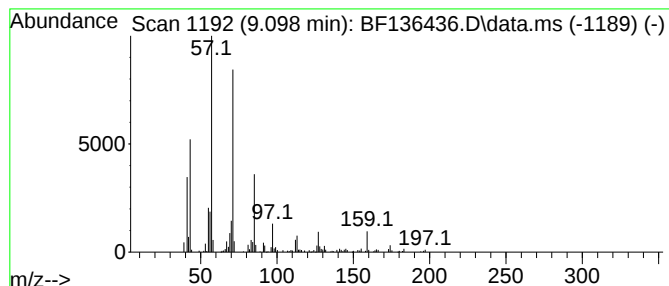
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octane, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.098	5.80 ng	131728	Acenaphthene-d10	9.828

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
2		Hexadecane	226	C16H34	000544-76-3	59
3		Bacchotricuneatin c	342	C20H22O5	066563-30-2	59
4		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53
5		Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	53



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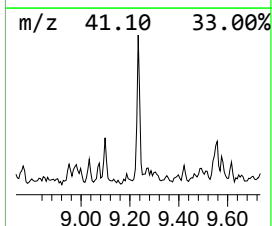
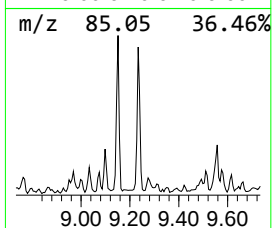
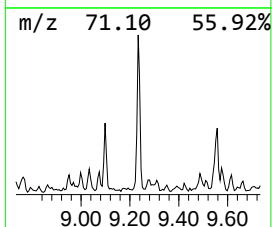
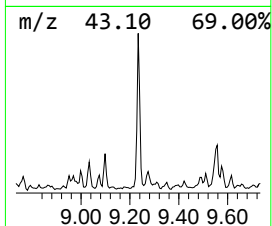
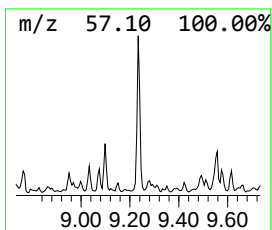
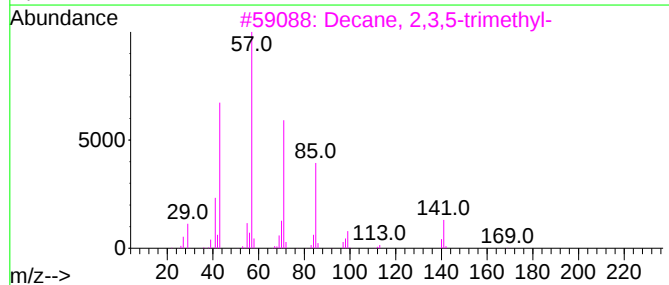
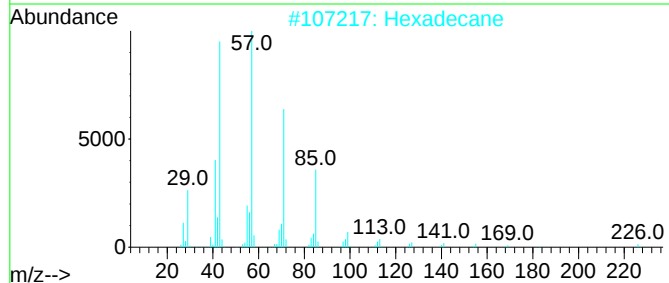
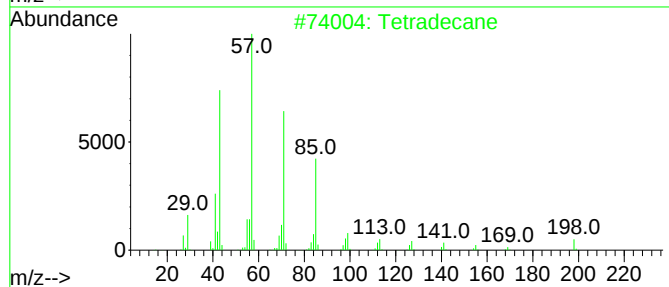
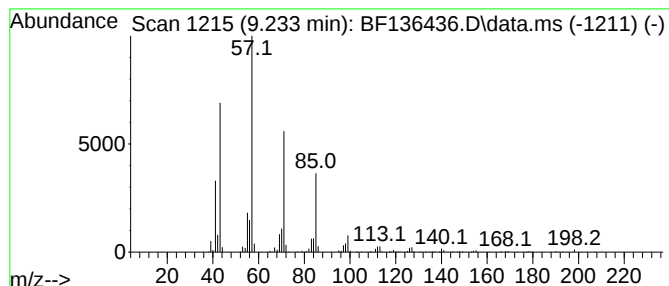
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.233	18.17 ng	412639	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	90
2			Hexadecane	226	C16H34	000544-76-3	90
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4			Tridecane	184	C13H28	000629-50-5	83
5			Nonane, 5-butyl-	184	C13H28	017312-63-9	80



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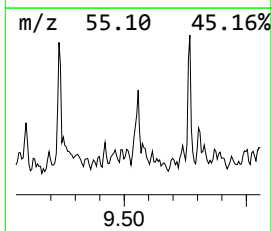
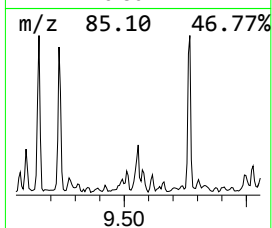
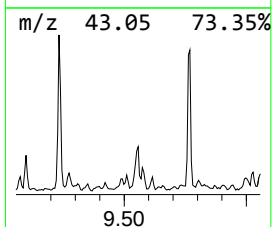
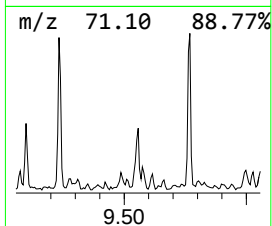
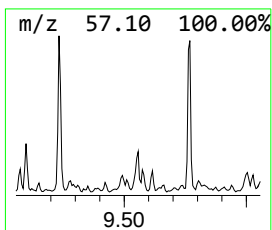
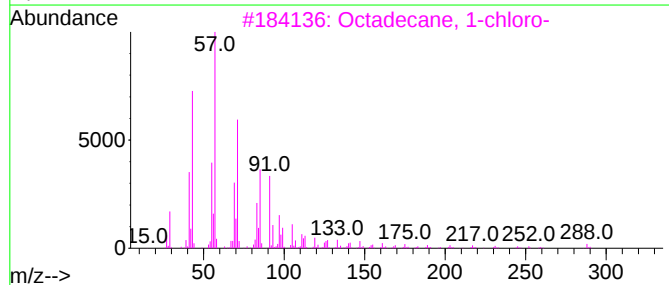
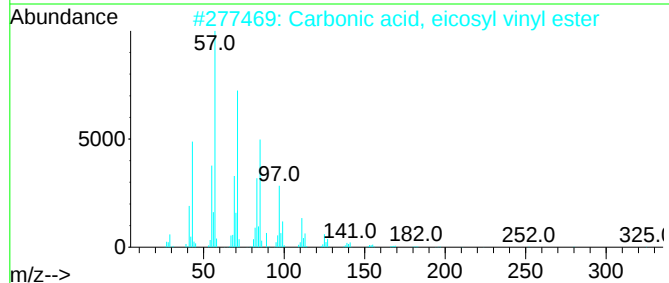
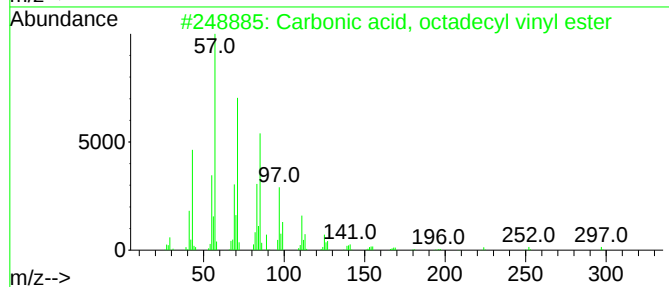
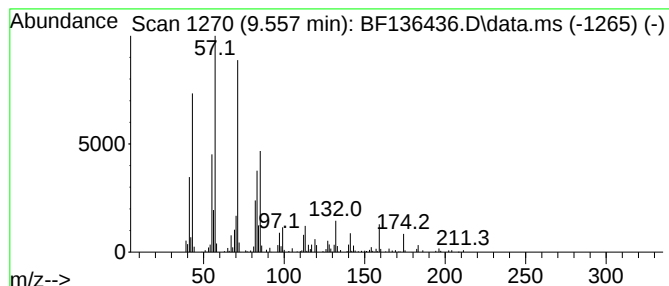
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Carbonic acid, octadecyl vi... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.557	9.94 ng	225795	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	72
2			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	72
3			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	64
4			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	64
5			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	62



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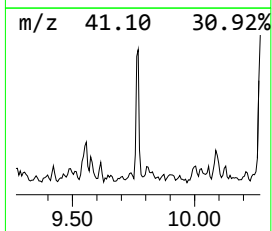
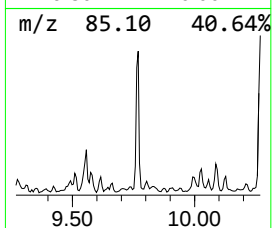
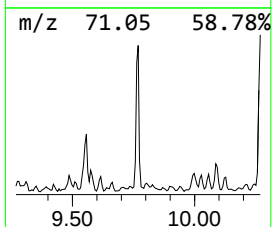
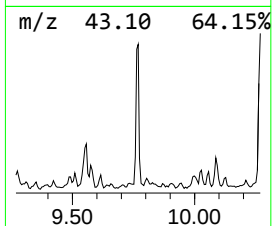
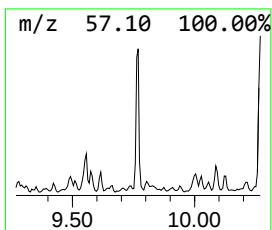
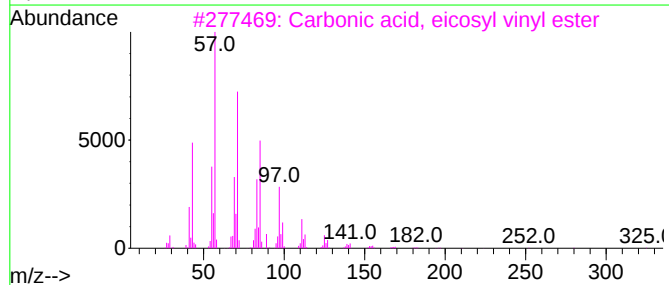
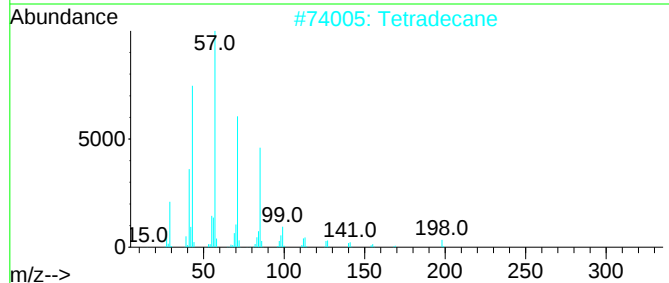
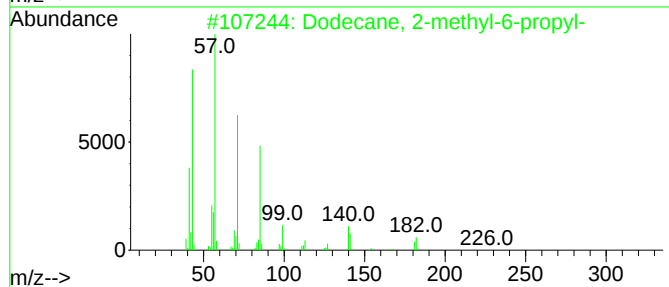
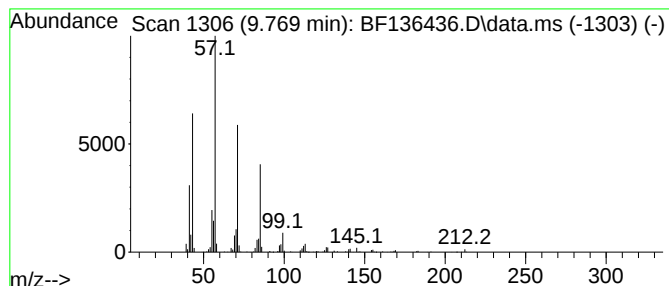
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane, 2-methyl-6-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.769	16.16 ng	366900	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
2			Tetradecane	198	C14H30	000629-59-4	86
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
4			Nonane, 5-butyl-	184	C13H28	017312-63-9	80
5			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136436.D
Acq On : 06 Dec 2023 19:20
Operator : CG\JU
Sample : 05446-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-111523A

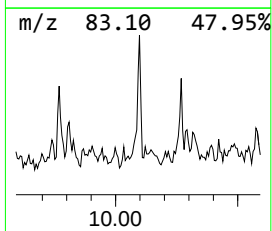
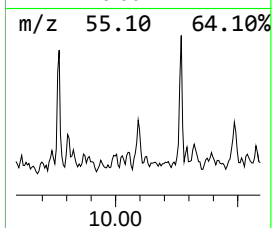
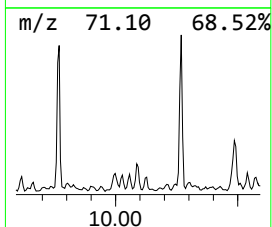
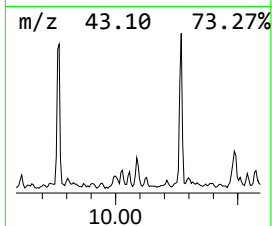
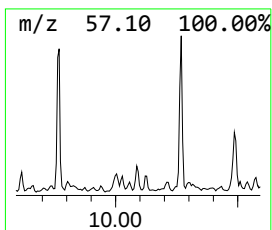
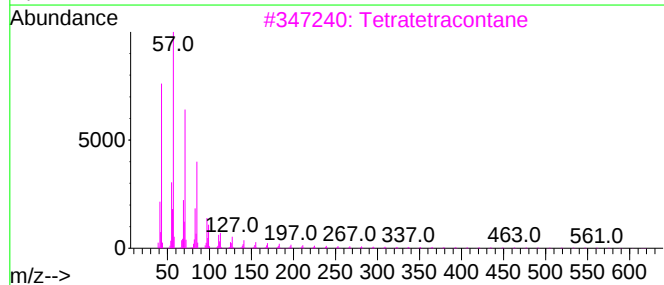
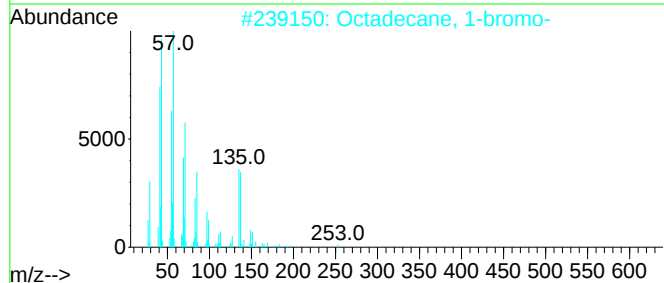
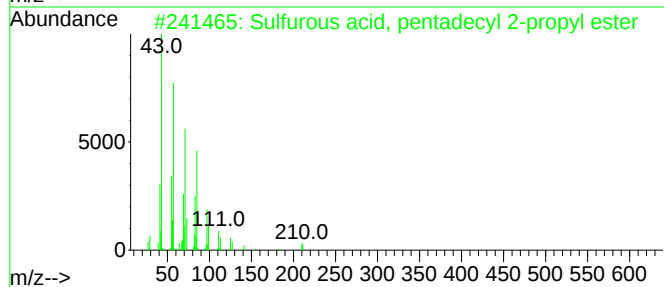
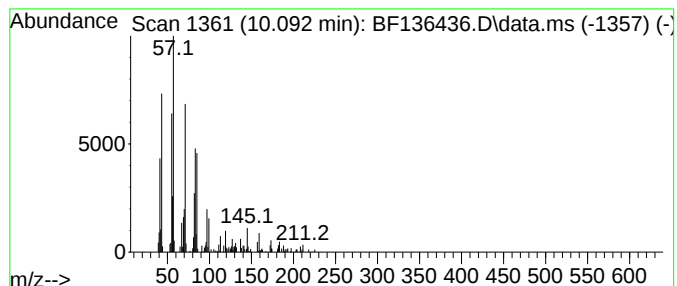
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Sulfurous acid, pentadecyl ... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.092	5.18 ng	117582	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	58
2			Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	53
3			Tetratetracontane	619	C44H90	007098-22-8	52
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	49
5			Hexadecane	226	C16H34	000544-76-3	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136436.D
Acq On : 06 Dec 2023 19:20
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Sample : 05446-01
Misc :
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Instrument :
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ClientSampleId :
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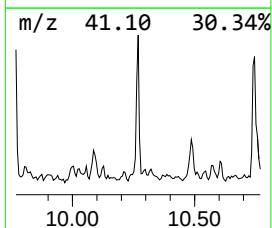
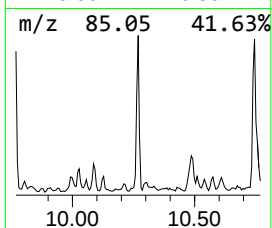
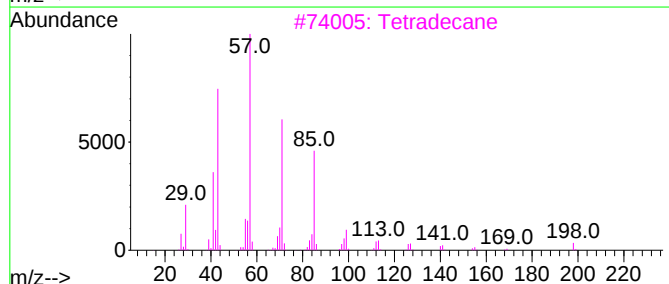
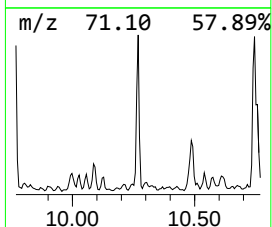
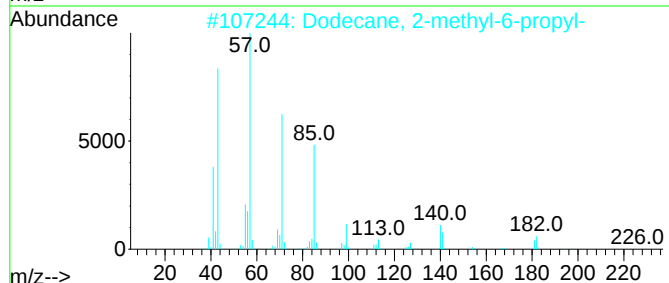
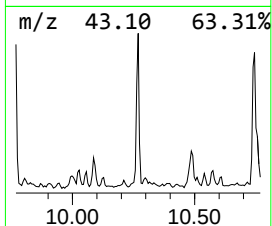
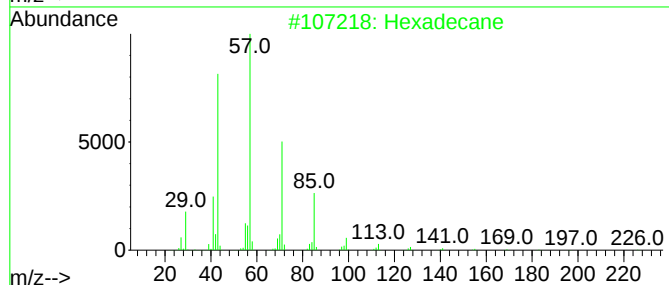
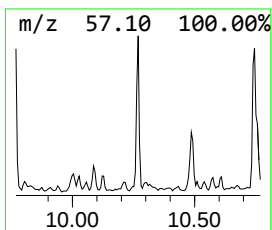
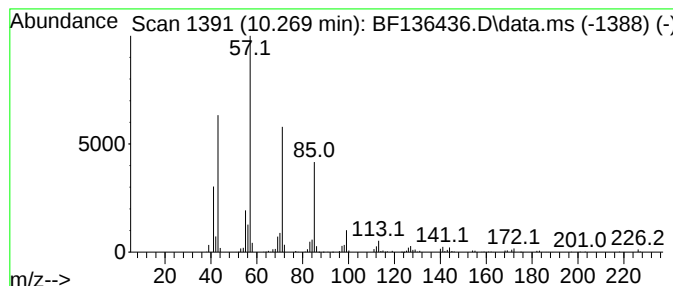
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonadecane, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.269	15.50 ng	352104	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	97
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3			Tetradecane	198	C14H30	000629-59-4	90
4			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	80
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136436.D
Acq On : 06 Dec 2023 19:20
Operator : CG\JU
Sample : 05446-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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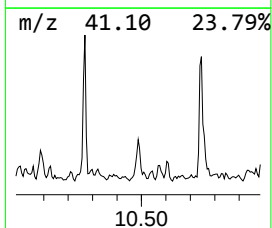
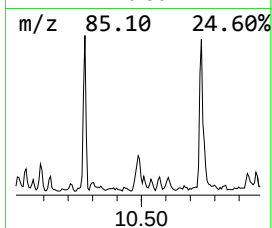
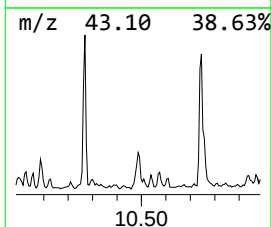
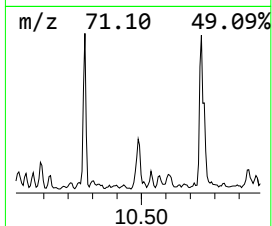
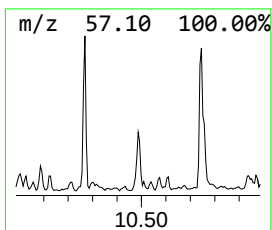
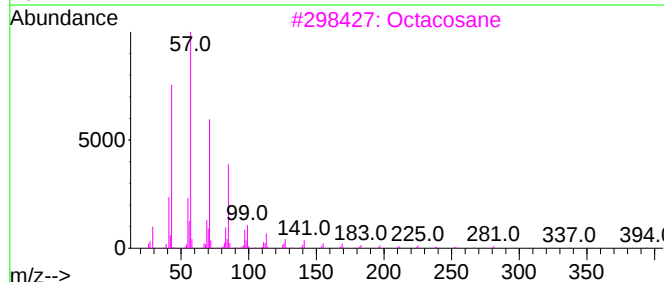
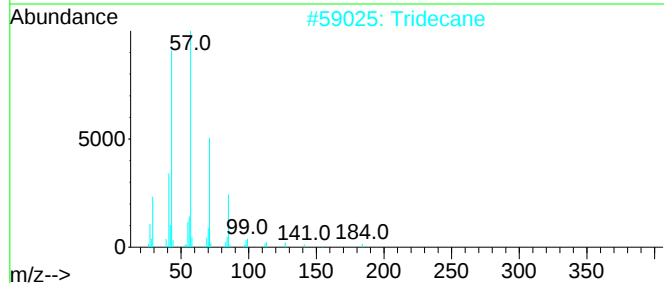
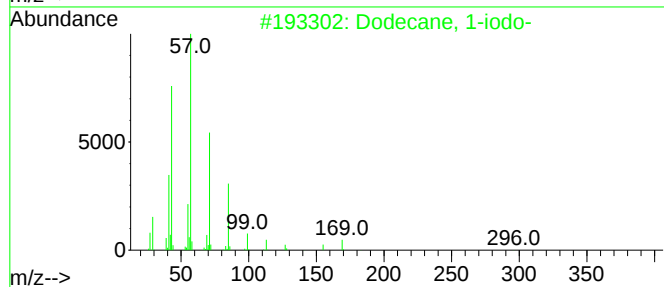
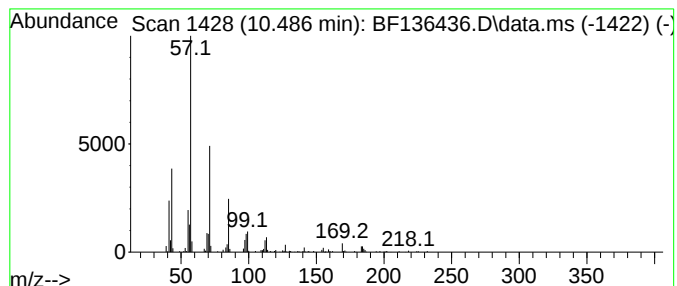
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 1-iodo- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.486	8.96 ng	203530	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
2			Tridecane	184	C13H28	000629-50-5	80
3			Octacosane	394	C28H58	000630-02-4	72
4			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	70
5			Tetracosane	338	C24H50	000646-31-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136436.D
Acq On : 06 Dec 2023 19:20
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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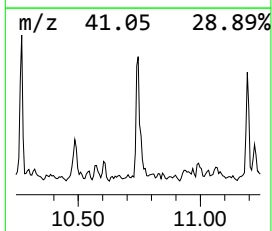
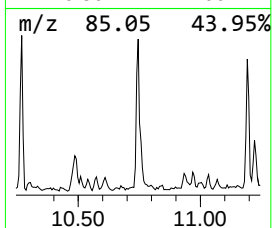
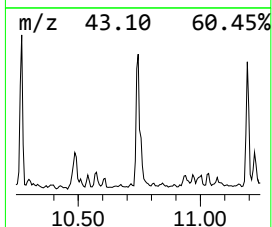
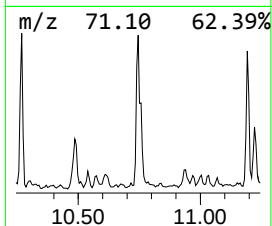
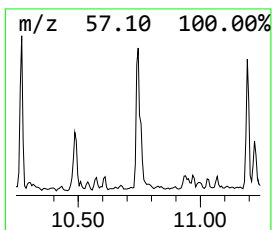
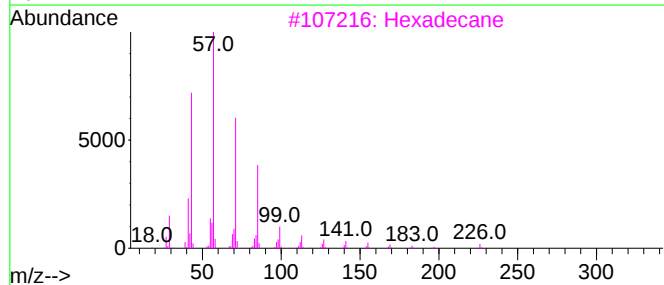
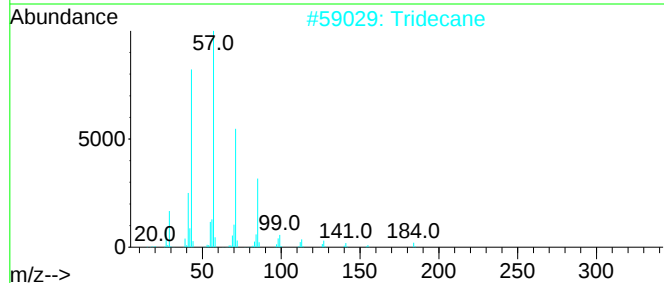
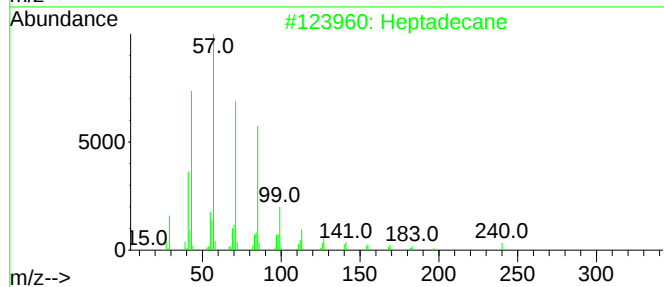
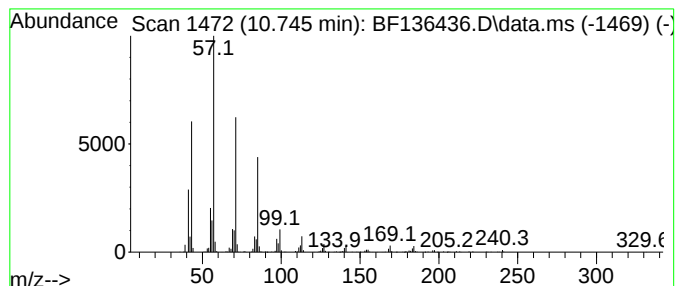
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.745	21.22 ng	540469	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	97
2			Tridecane	184	C13H28	000629-50-5	94
3			Hexadecane	226	C16H34	000544-76-3	91
4			Pentadecane	212	C15H32	000629-62-9	91
5			Nonadecane	268	C19H40	000629-92-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136436.D
Acq On : 06 Dec 2023 19:20
Operator : CG\JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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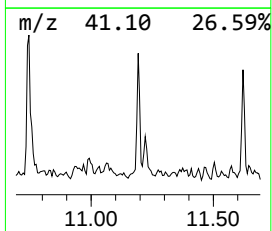
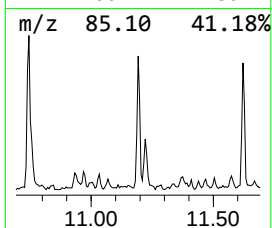
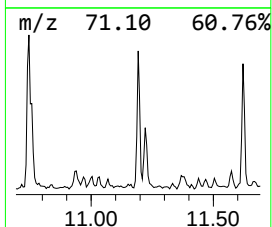
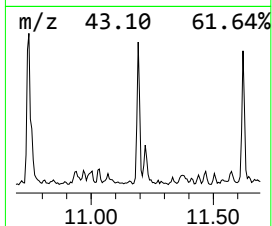
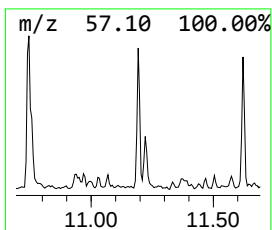
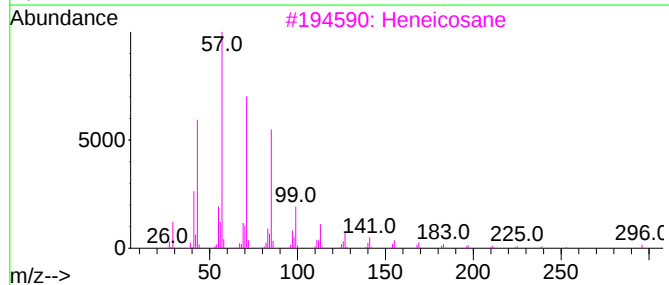
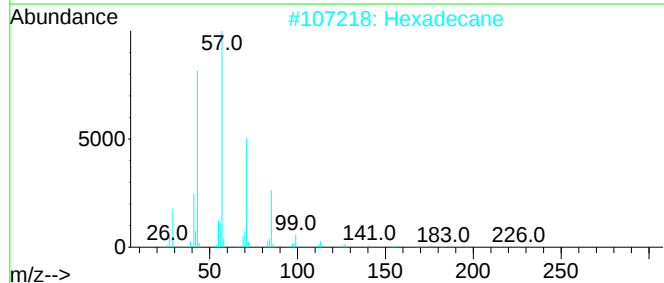
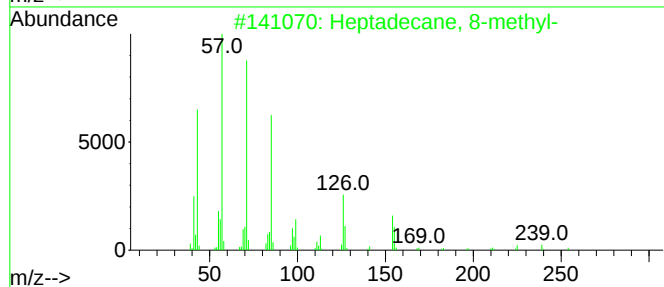
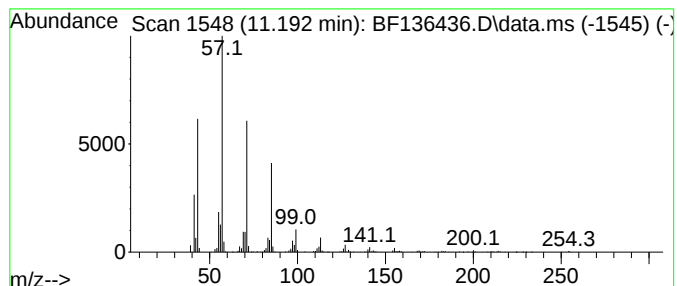
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane, 8-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.192	13.31 ng	339074	Phenanthrene-d10	11.322

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Nonadecane	268	C19H40	000629-92-5	86
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136436.D
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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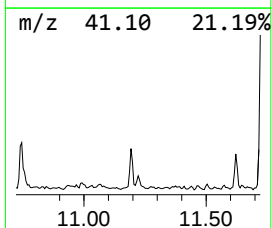
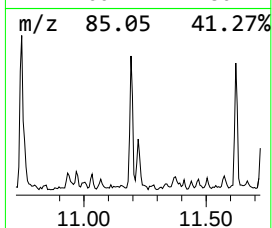
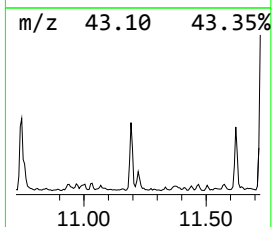
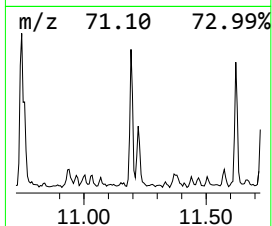
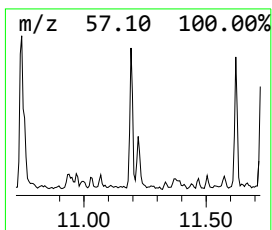
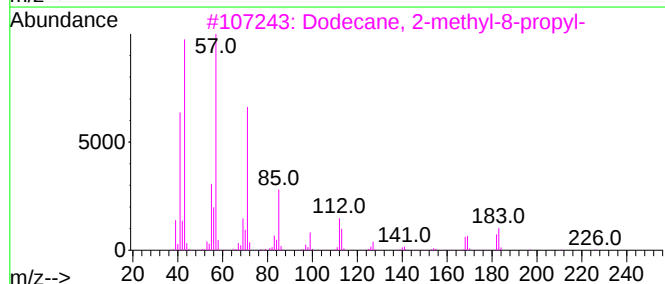
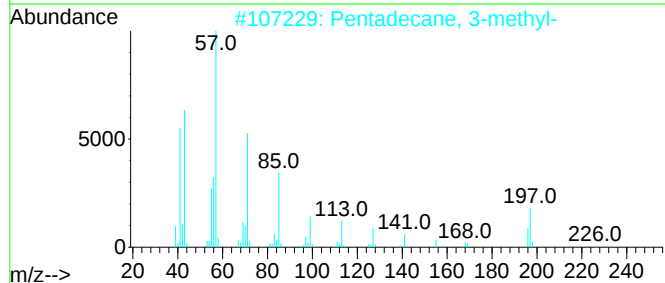
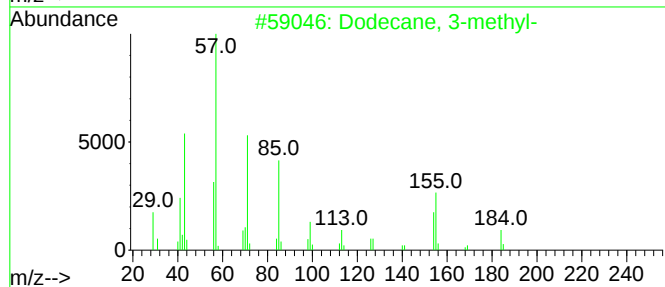
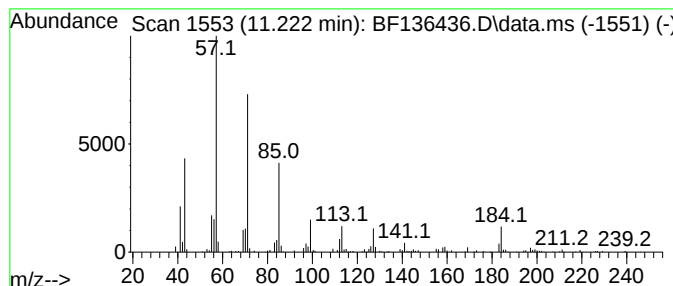
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Dodecane, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.222	7.23 ng	184053	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 3-methyl-	184	C13H28	017312-57-1	90
2			Pentadecane, 3-methyl-	226	C16H34	002882-96-4	83
3			Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	80
4			Tridecane	184	C13H28	000629-50-5	78
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
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Acq On : 06 Dec 2023 19:20
Operator : CG\JU
Sample : 05446-01
Misc :
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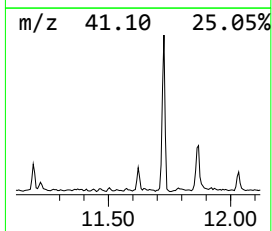
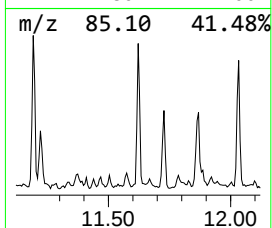
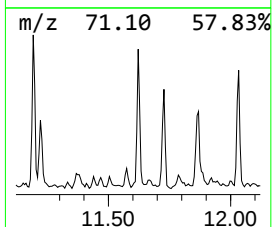
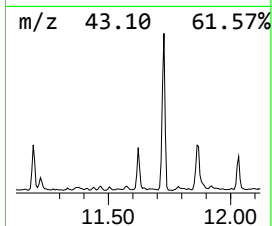
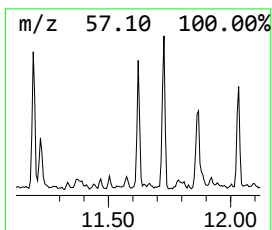
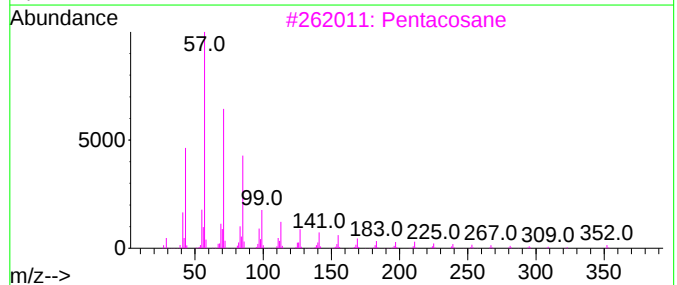
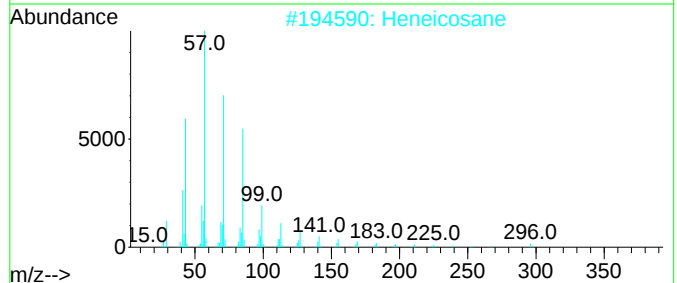
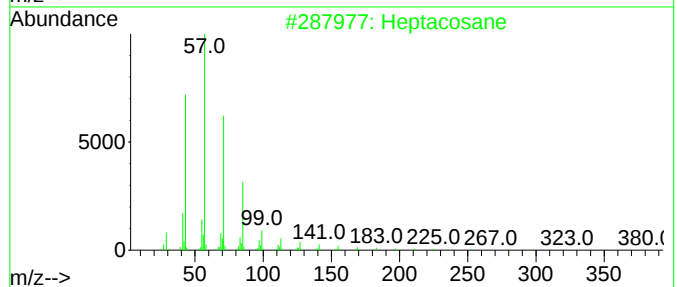
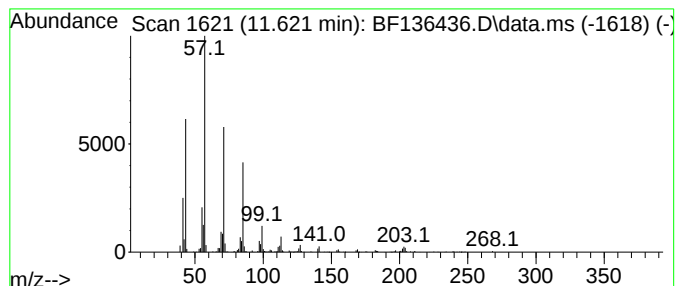
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.621	11.65 ng	296807	Phenanthrene-d10		11.322	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Heneicosane		296	C21H44	000629-94-7	90
3	Pentacosane		352	C25H52	000629-99-2	90
4	Hexadecane		226	C16H34	000544-76-3	90
5	Tetracosane		338	C24H50	000646-31-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136436.D
Acq On : 06 Dec 2023 19:20
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ClientSampleId :
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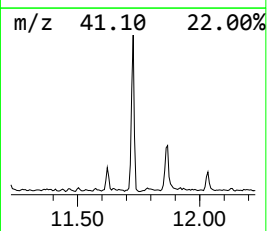
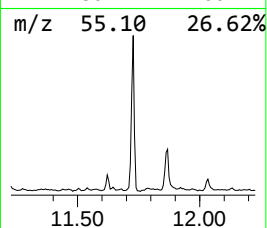
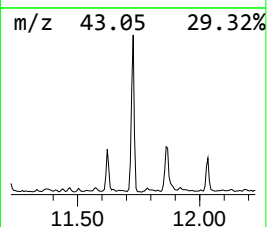
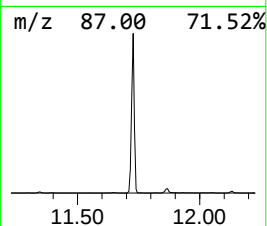
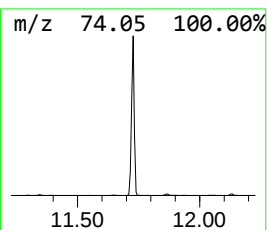
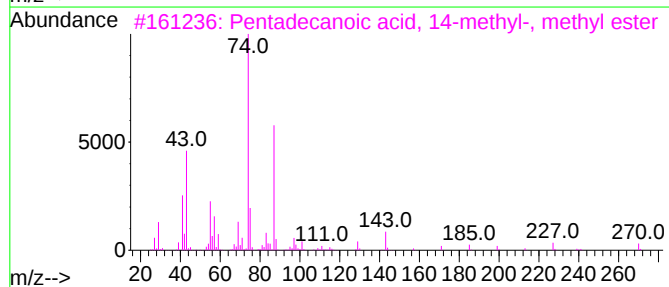
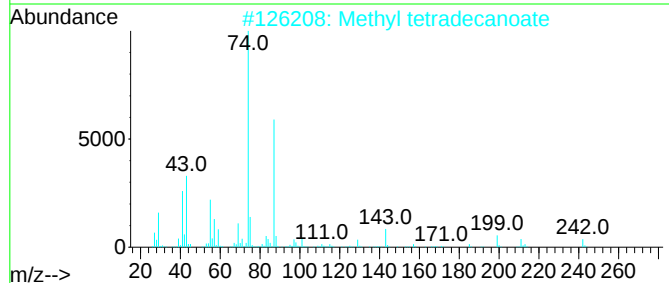
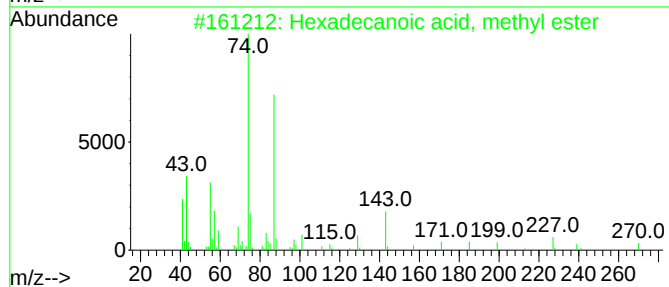
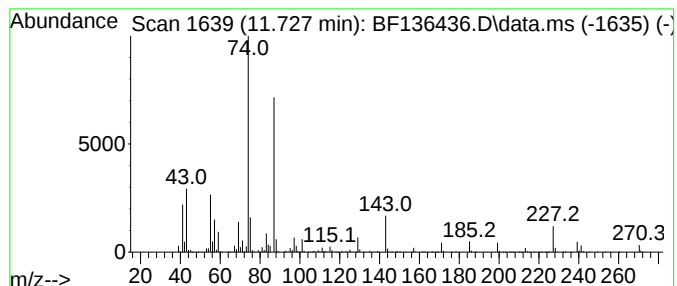
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.727	99.21 ng	2527190	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2			Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
3			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
4			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
5			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136436.D
Acq On : 06 Dec 2023 19:20
Operator : CG\JU
Sample : 05446-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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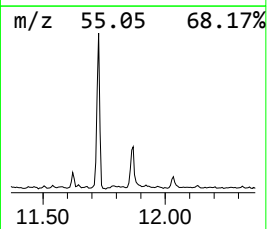
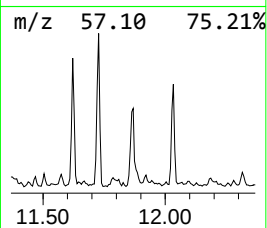
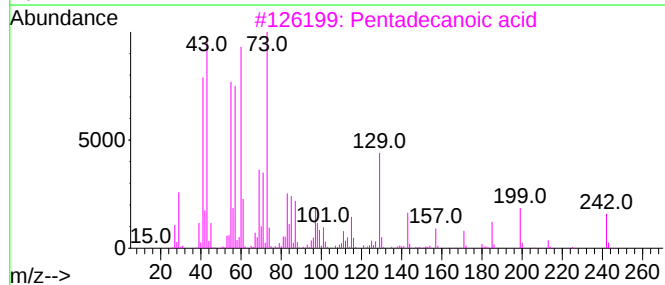
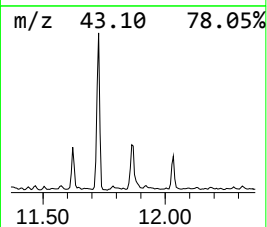
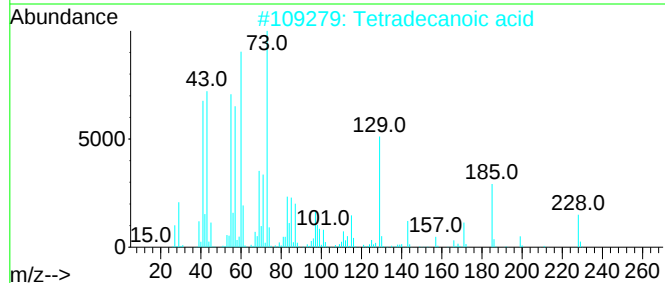
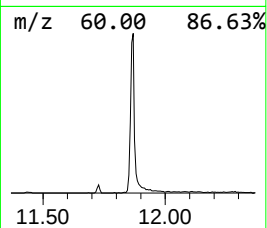
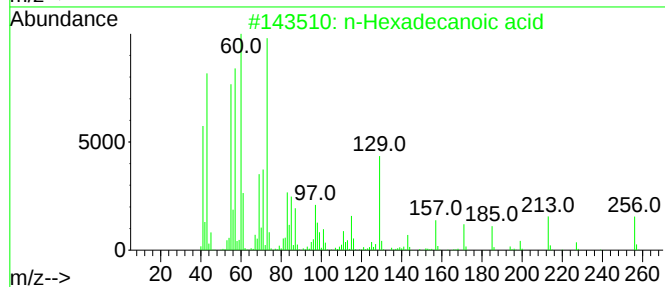
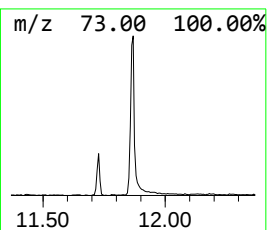
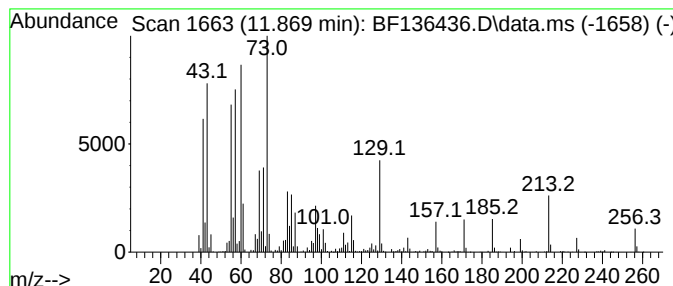
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.869	37.19 ng	947323	Phenanthrene-d10	11.322

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		Tridecanoic acid	214	C13H26O2	000638-53-9	89
5		Undecanoic acid	186	C11H22O2	000112-37-8	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136436.D
Acq On : 06 Dec 2023 19:20
Operator : CG\JU
Sample : 05446-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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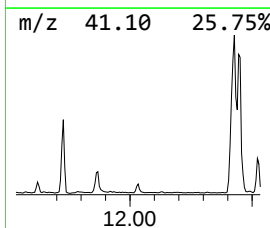
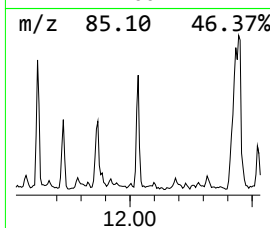
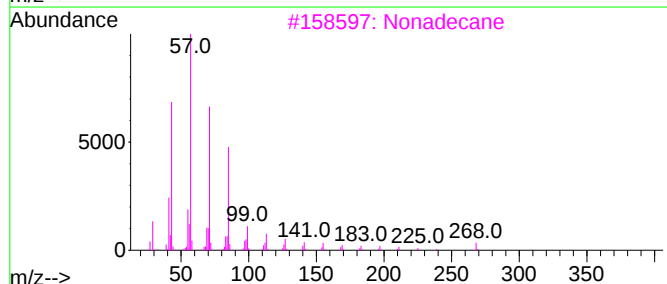
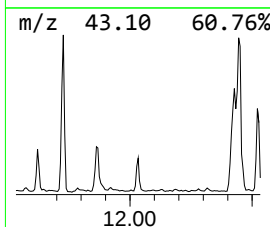
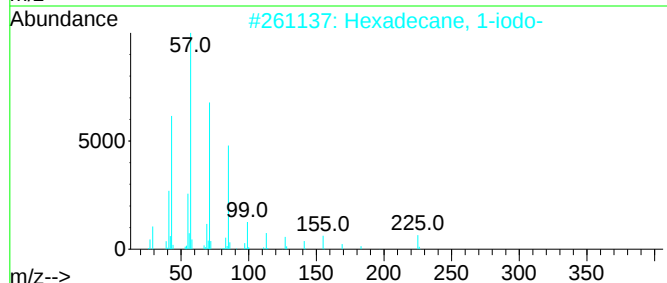
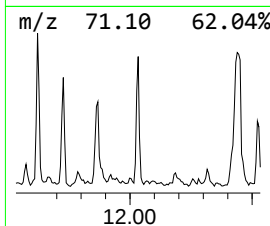
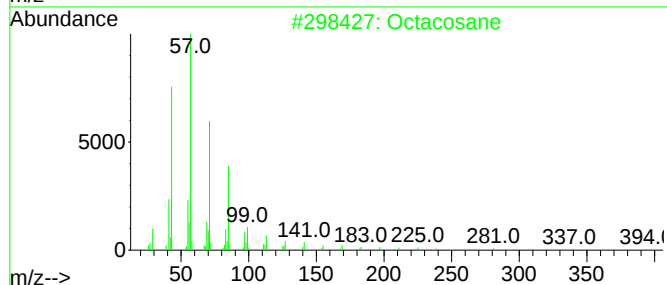
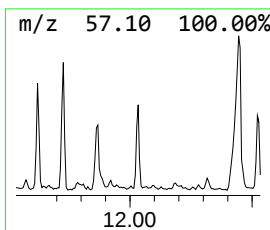
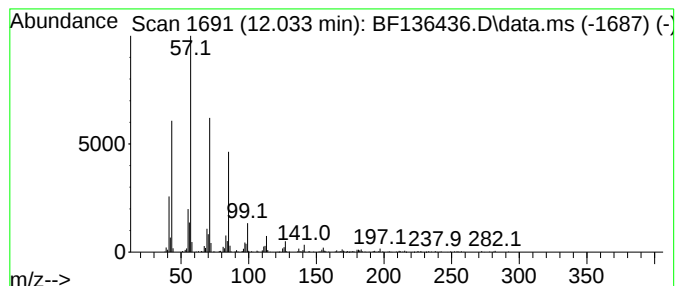
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	11.60 ng	295517	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
3			Nonadecane	268	C19H40	000629-92-5	91
4			Heneicosane	296	C21H44	000629-94-7	90
5			Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
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Acq On : 06 Dec 2023 19:20
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Sample : 05446-01
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ALS Vial : 19 Sample Multiplier: 1

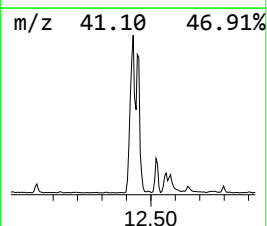
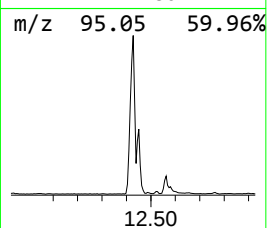
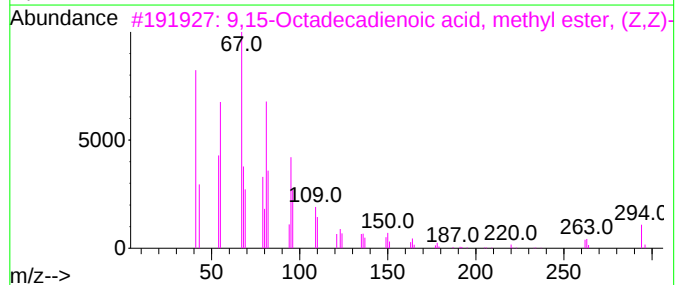
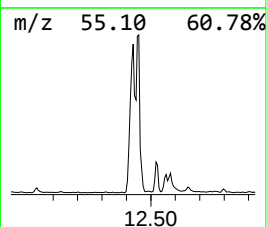
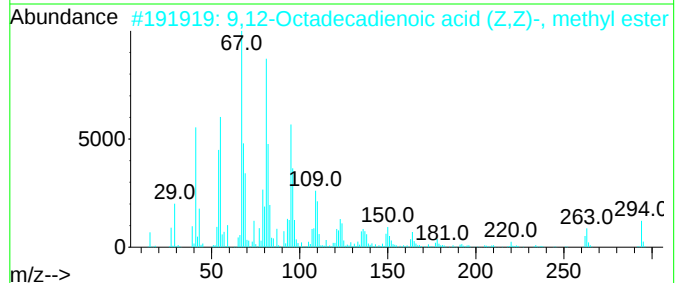
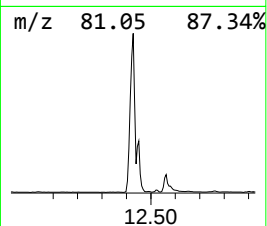
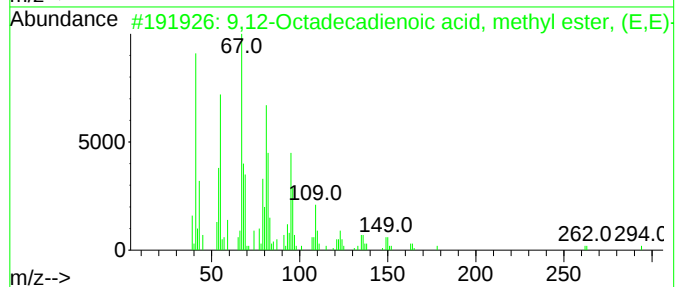
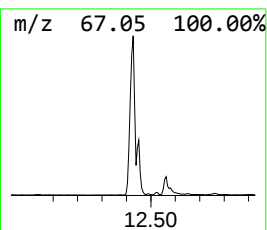
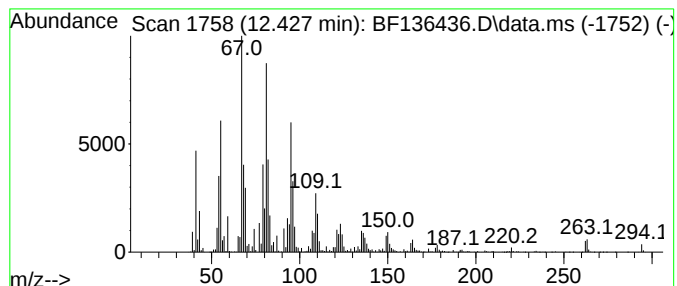
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.427	407.86 ng	10389000	Phenanthrene-d10	11.322	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136436.D
Acq On : 06 Dec 2023 19:20
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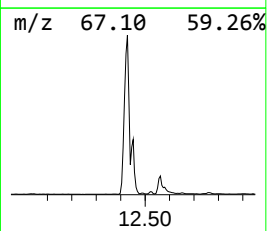
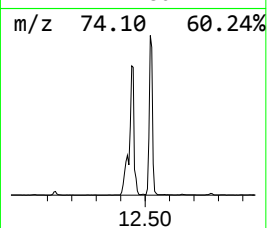
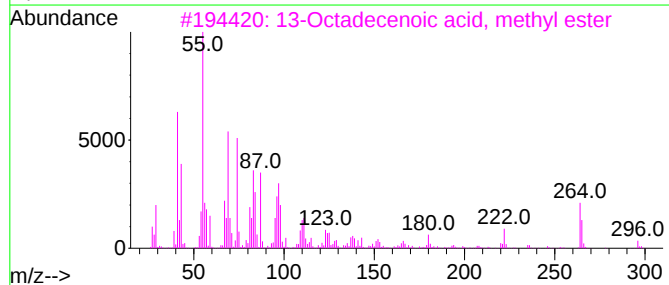
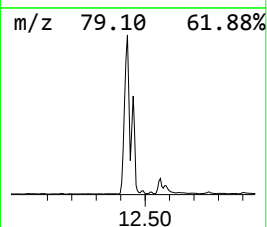
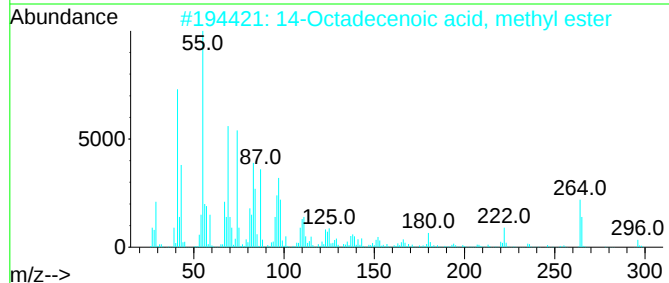
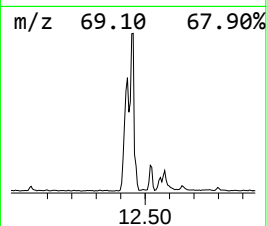
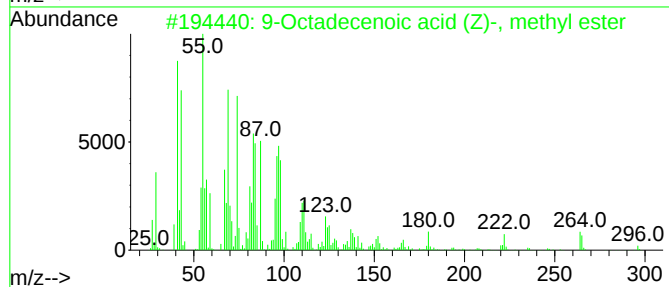
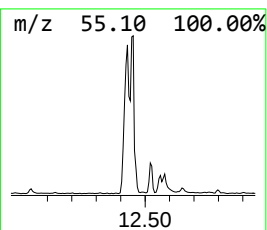
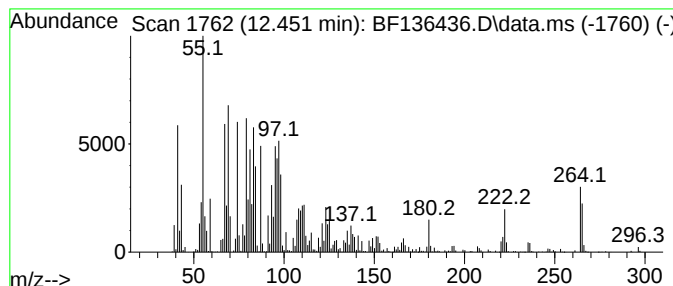
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	216.54 ng	5515680	Phenanthrene-d10	11.322

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
5		6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136436.D
Acq On : 06 Dec 2023 19:20
Operator : CG\JU
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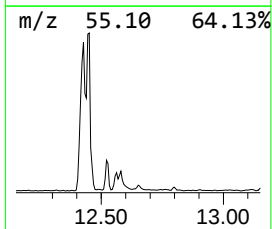
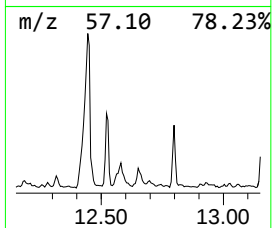
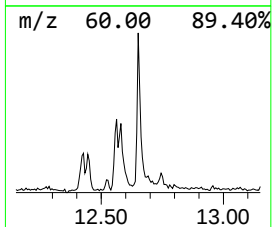
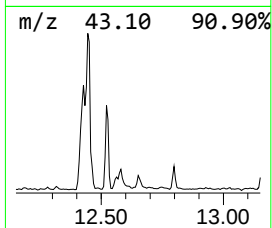
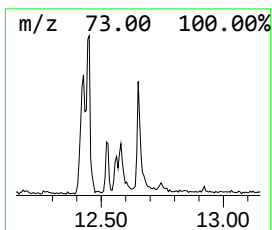
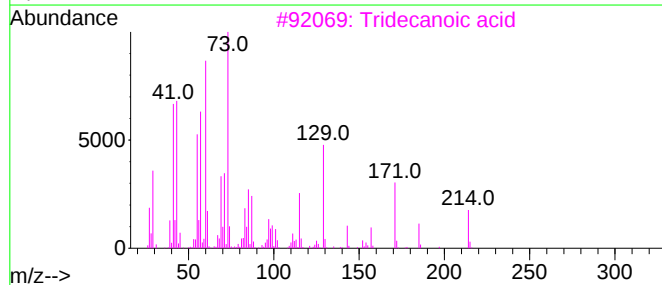
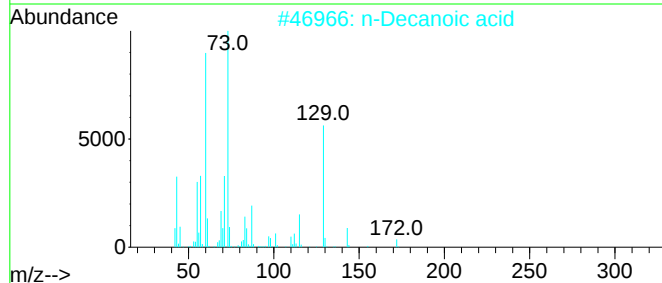
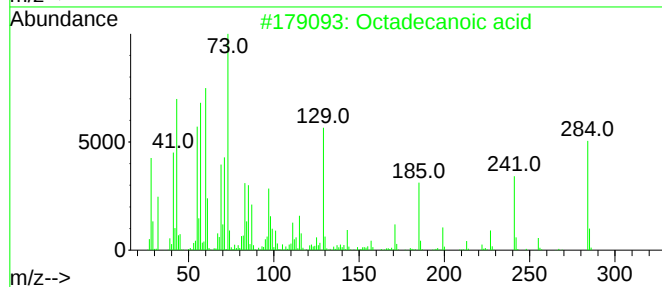
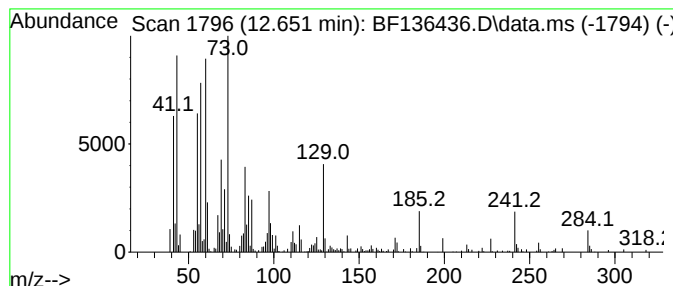
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ClientSampleId :
JC-03-111523A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.651	7.47 ng	219841	Chrysene-d12	13.974	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	n-Decanoic acid	172	C10H20O2	000334-48-5	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136436.D
Acq On : 06 Dec 2023 19:20
Operator : CG\JU
Sample : 05446-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-111523A

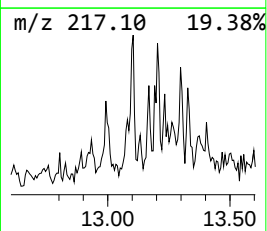
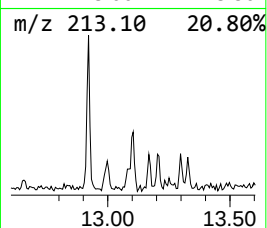
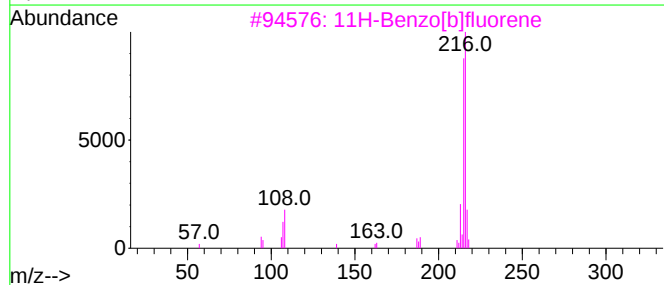
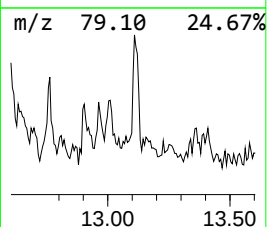
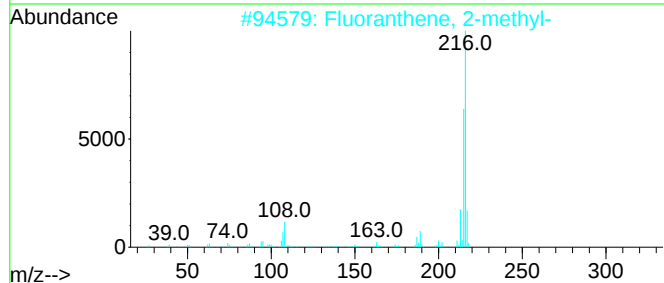
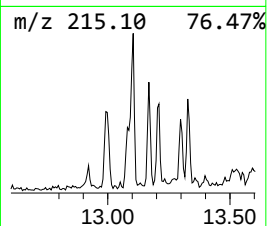
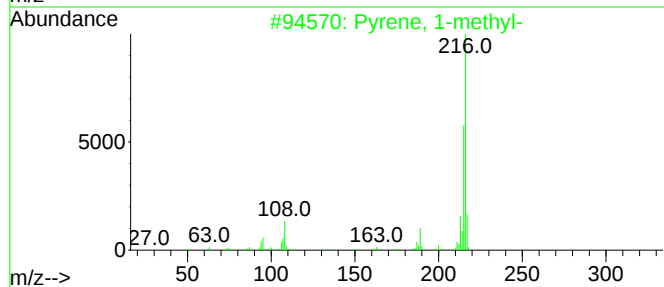
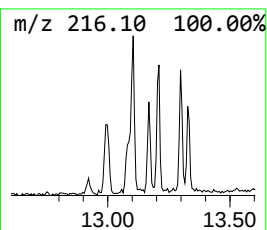
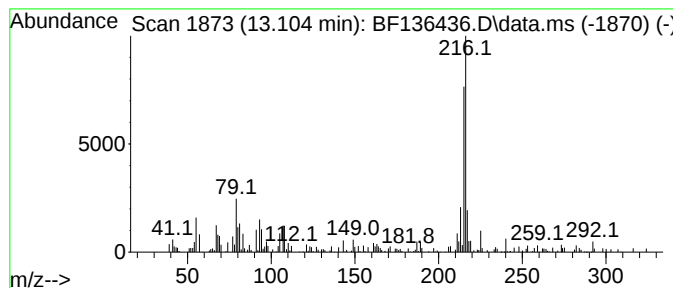
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.104	5.85 ng	172271	Chrysene-d12	13.974

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5			1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136436.D
Acq On : 06 Dec 2023 19:20
Operator : CG\JU
Sample : 05446-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-111523A

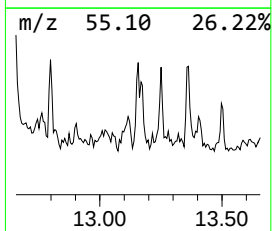
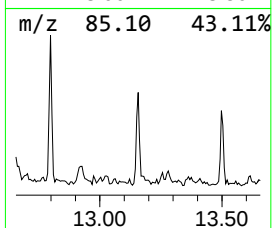
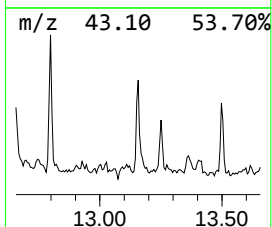
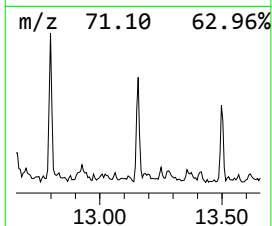
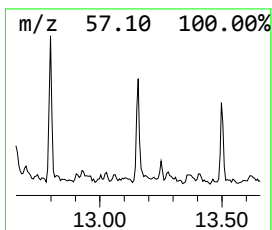
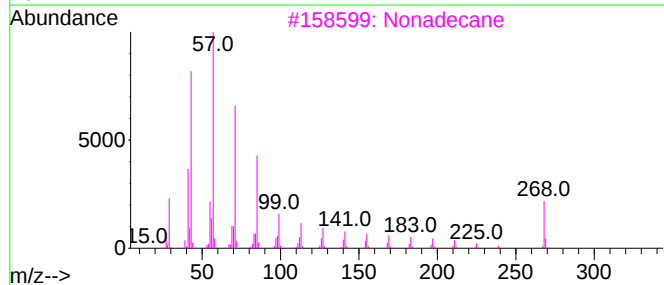
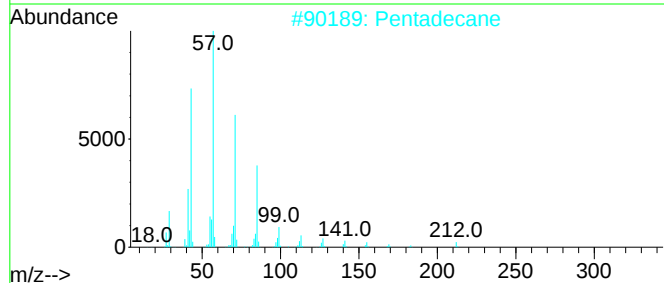
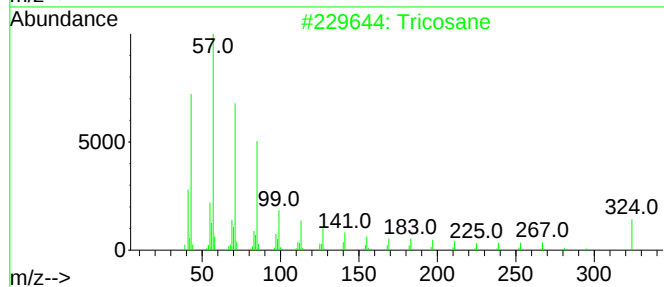
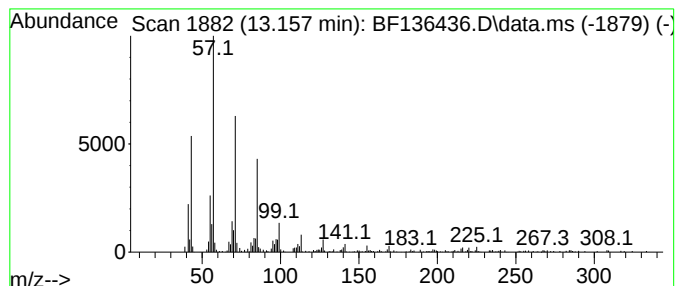
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tricosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	9.00 ng	265017	Chrysene-d12	13.974

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricosane	324	C23H48	000638-67-5	97
2			Pentadecane	212	C15H32	000629-62-9	95
3			Nonadecane	268	C19H40	000629-92-5	95
4			Heneicosane	296	C21H44	000629-94-7	91
5			Eicosane	282	C20H42	000112-95-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
 Data File : BF136436.D
 Acq On : 06 Dec 2023 19:20
 Operator : CG\JU
 Sample : 05446-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-111523A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.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
Tetradecane	8.669	9.3	ng	341875	2	8.075	738518	20.0
Octane, 2,6-dim...	9.098	5.8	ng	131728	3	9.828	454226	20.0
Hexadecane	9.233	18.2	ng	412639	3	9.828	454226	20.0
Carbonic acid, ...	9.557	9.9	ng	225795	3	9.828	454226	20.0
Dodecane, 2-met...	9.769	16.2	ng	366900	3	9.828	454226	20.0
Sulfurous acid,...	10.092	5.2	ng	117582	3	9.828	454226	20.0
Nonadecane, 9-m...	10.269	15.5	ng	352104	3	9.828	454226	20.0
Dodecane, 1-iodo-	10.486	9.0	ng	203530	3	9.828	454226	20.0
Heptadecane	10.745	21.2	ng	540469	4	11.322	509442	20.0
Heptadecane, 8-...	11.192	13.3	ng	339074	4	11.322	509442	20.0
Dodecane, 3-met...	11.222	7.2	ng	184053	4	11.322	509442	20.0
Heptacosane	11.621	11.7	ng	296807	4	11.322	509442	20.0
Hexadecanoic ac...	11.727	99.2	ng	2527190	4	11.322	509442	20.0
n-Hexadecanoic ...	11.869	37.2	ng	947323	4	11.322	509442	20.0
Octacosane	12.033	11.6	ng	295517	4	11.322	509442	20.0
9,12-Octadecadi...	12.427	407.9	ng	10389000	4	11.322	509442	20.0
9-Octadecenoic ...	12.451	216.5	ng	5515680	4	11.322	509442	20.0
Octadecanoic acid	12.651	7.5	ng	219841	5	13.974	588814	20.0
Pyrene, 1-methyl-	13.104	5.8	ng	172271	5	13.974	588814	20.0
Tricosane	13.157	9.0	ng	265017	5	13.974	588814	20.0