LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
Data File : BF138061.D
Acq On : 29 May 2024 16:09
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-02-05242024

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-BF051424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138061.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.369	42	48	56	rBV	416515	530542	6.02%	1.386%
2	5.657	603	607	620	rVB	948899	839743	9.52%	2.194%
3	6.651	771	776	779	rBV	986961	843871	9.57%	2.205%
4	7.034	838	841	845	rBV	542766	442201	5.01%	1.155%
5	7.592	932	936	944	rVB	620929	591238	6.70%	1.545%
6	8.322	1057	1060	1064	rVV	644963	606410	6.88%	1.584%
7	8.598	1104	1107	1111	rBV4	93055	116683	1.32%	0.305%
8	8.892	1153	1157	1159	rBV2	143030	124347	1.41%	0.325%
9	9.257	1216	1219	1222	rBV4	97582	118634	1.35%	0.310%
10	9.328	1228	1231	1233	rBV2	157666	117266	1.33%	0.306%
11	9.392	1239	1242	1246	rVB	1455248	1248004	14.15%	3.261%
12	9.463	1251	1254	1259	rVB	346900	291895	3.31%	0.763%
13	9.716	1293	1297	1300	rBV5	96876	162591	1.84%	0.425%
14	9.780	1305	1308	1313	rVV2	278848	388776	4.41%	1.016%
15	9.845	1317	1319	1325	rVB4	103745	136499	1.55%	0.357%
16	9.992	1339	1344	1348	rBV	569934	522768	5.93%	1.366%
17	10.086	1354	1360	1362	rVV	691081	627006	7.11%	1.638%
18	10.233	1381	1385	1387	rBV3	66679	93639	1.06%	0.245%
19	10.316	1396	1399	1401	rBV2	169827	152635	1.73%	0.399%
20	10.398	1410	1413	1416	rBV4	121465	179994	2.04%	0.470%
21	10.498	1426	1430	1432	rBV	896193	690412	7.83%	1.804%
22	10.527	1432	1435	1438	rVV3	98948	125206	1.42%	0.327%
23	10.557	1438	1440	1445	rVB6	87781	115879	1.31%	0.303%
24	10.716	1463	1467	1470	rBV	433639	500677	5.68%	1.308%
25	10.769	1474	1476	1479	rBV3	114460	95701	1.09%	0.250%
26	10.798	1479	1481	1486	rBV2	96849	118346	1.34%	0.309%
27	10.839	1486	1488	1491	rVB3	163670	129716	1.47%	0.339%
28	10.875	1491	1494	1497	rBV	682820	593997	6.74%	1.552%
29	10.975	1508	1511	1516	rBV	980046	1160262	13.16%	3.031%
30	11.163	1541	1543	1547	rBV	119465	130799	1.48%	0.342%
31	11.257	1557	1559	1563	rVB3	144018	111219	1.26%	0.291%
32	11.298	1563	1566	1568	rBV2	121195	112530	1.28%	0.294%
33	11.422	1584	1587	1589	rBV	968539	709374	8.04%	1.853%
34	11.451	1589	1592	1595	rVB	406019	338436	3.84%	0.884%
35	11.580	1611	1614	1617	rBV	601647	486449	5.52%	1.271%
36	11.692	1631	1633	1637	rVB	123096	113678	1.29%	0.297%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
Data File : BF138061.D
Acq On : 29 May 2024 16:09
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

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-BF051424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.733	1637	1640	1643	rBV2	113562	114686	1.30%	0.300%
38	11.804	1649	1652	1654	rBV2	119228	107185	1.22%	0.280%
39	11.851	1657	1660	1663	rVB	871874	654299	7.42%	1.710%
40	11.957	1674	1678	1681	rVB	1764767	1546017	17.53%	4.039%
41	12.016	1686	1688	1693	rVV3	86921	116415	1.32%	0.304%
42	12.092	1697	1701	1707	rVB2	558318	624038	7.08%	1.630%
43	12.257	1726	1729	1733	rBV	675148	572317	6.49%	1.495%
44	12.410	1752	1755	1758	rBV2	137106	127693	1.45%	0.334%
45	12.663	1791	1798	1799	rBV2	6106008	8818541	100.00%	23.041%
46	12.680	1799	1801	1809	rVV2	6199709	5891539	66.81%	15.393%
47	12.751	1809	1813	1816	rVV	1497832	1290151	14.63%	3.371%
48	12.786	1816	1819	1820	rVV	440918	431549	4.89%	1.128%
49	12.804	1820	1822	1830	rVV2	582011	937802	10.63%	2.450%
50	12.880	1832	1835	1840	rVB2	230555	261400	2.96%	0.683%
51	13.021	1856	1859	1867	rVB2	419644	433628	4.92%	1.133%
52	13.168	1880	1884	1887	rVB	1164214	957861	10.86%	2.503%
53	13.380	1917	1920	1922	rBV	242101	222398	2.52%	0.581%
54	13.474	1933	1936	1938	rBV2	136080	116251	1.32%	0.304%
55	13.721	1975	1978	1981	rBV	176802	147075	1.67%	0.384%
56	14.051	2031	2034	2037	rVB	121002	94607	1.07%	0.247%
57	14.145	2047	2050	2056	rBV	155458	167821	1.90%	0.438%
58	14.233	2061	2065	2071	rBV	498606	486430	5.52%	1.271%
59	14.368	2085	2088	2091	rBV	113274	111663	1.27%	0.292%
60	15.804	2327	2332	2337	rBV	271316	375114	4.25%	0.980%

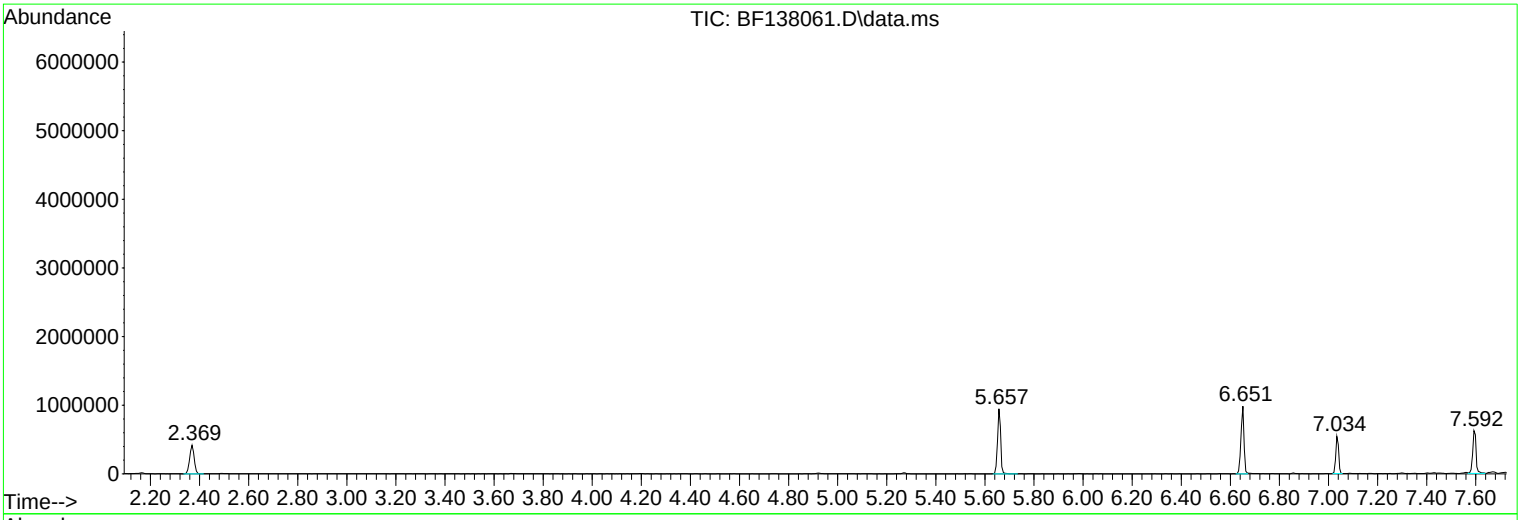
Sum of corrected areas: 38273903

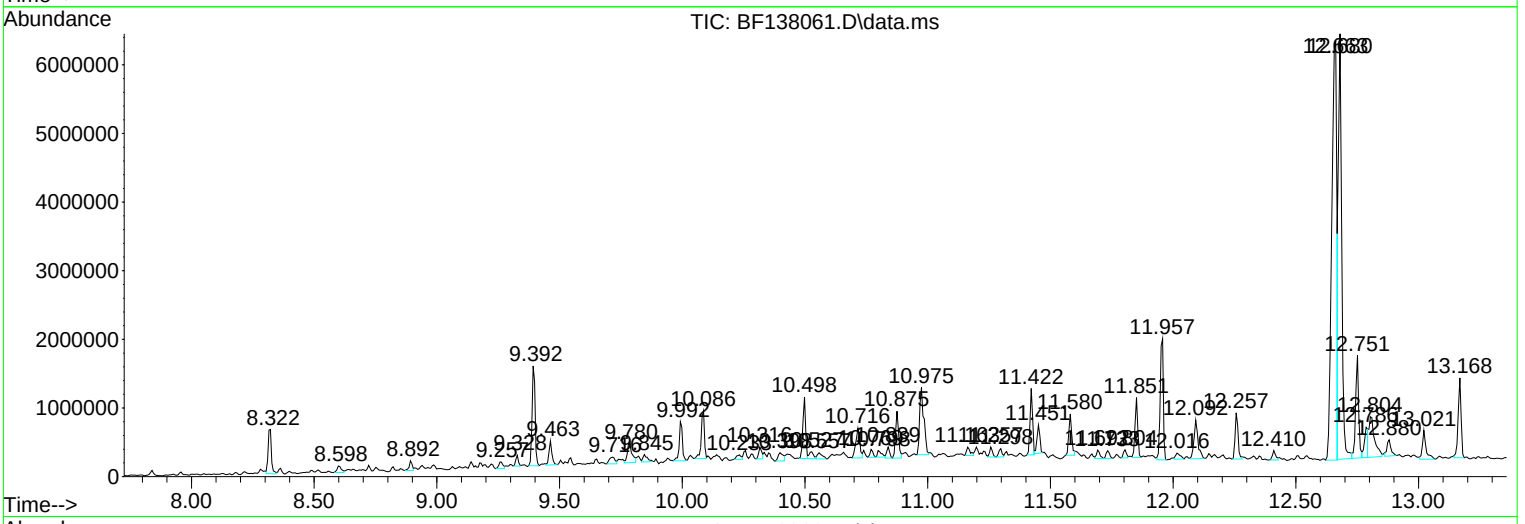
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
Data File : BF138061.D
Acq On : 29 May 2024 16:09
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

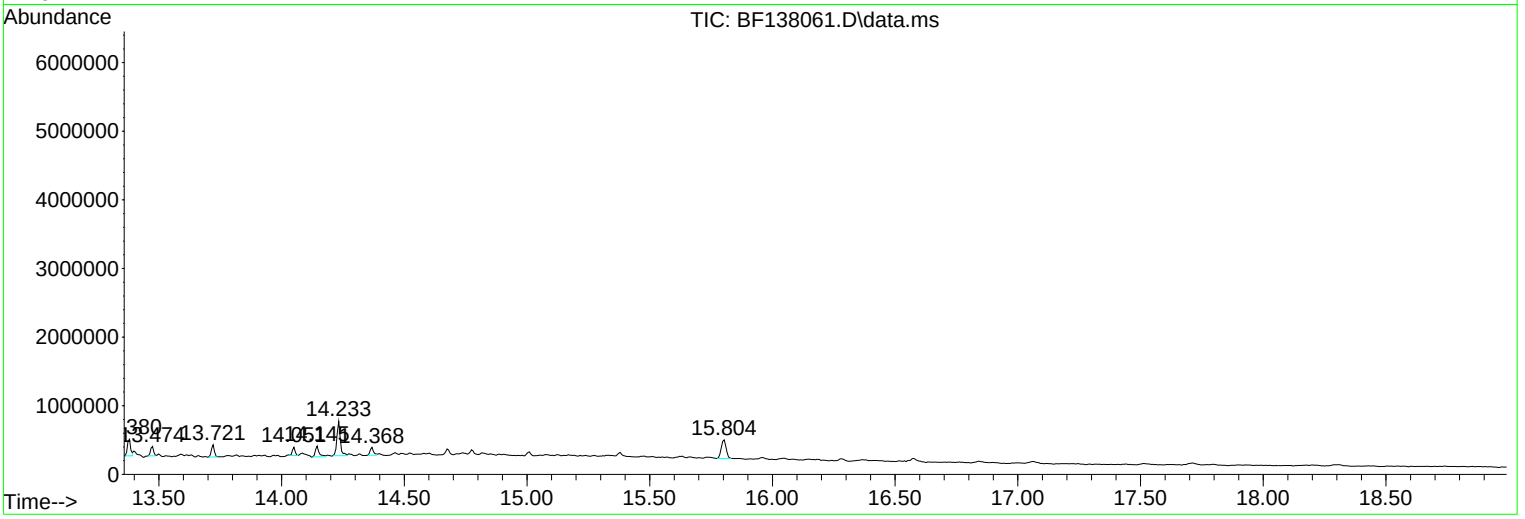
Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
Data File : BF138061.D
Acq On : 29 May 2024 16:09
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

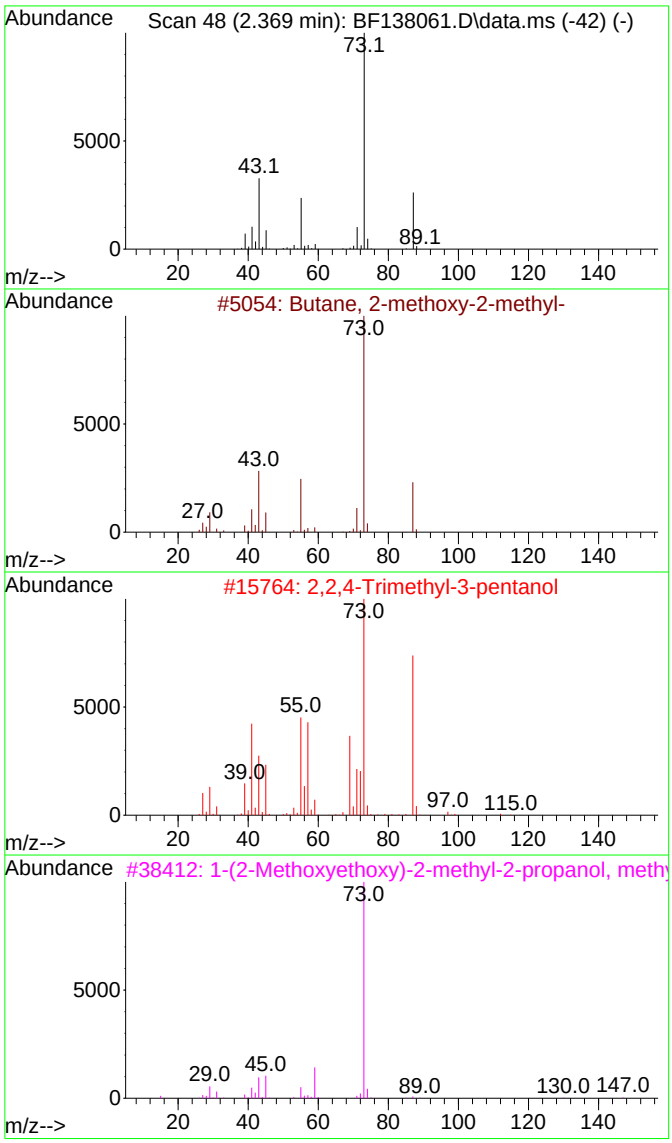
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

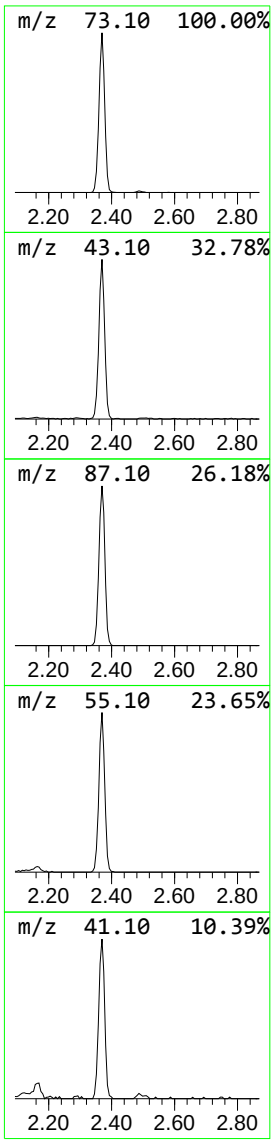
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.369	24.00 ng	530542	1,4-Dichlorobenzene-d4	7.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	25
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
Data File : BF138061.D
Acq On : 29 May 2024 16:09
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

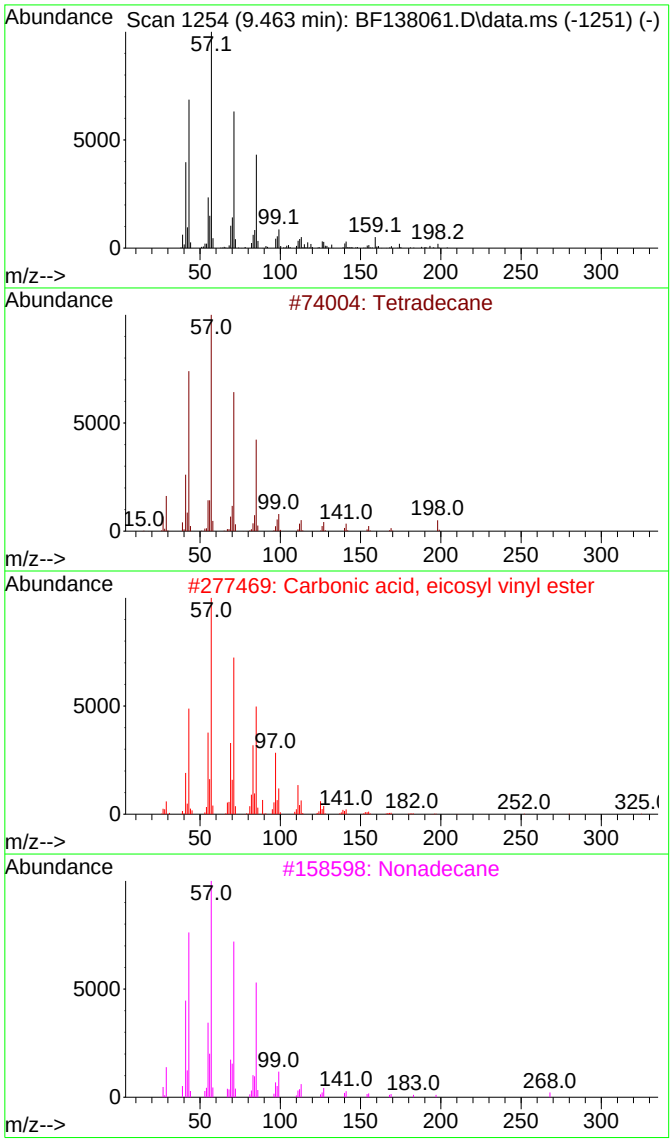
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

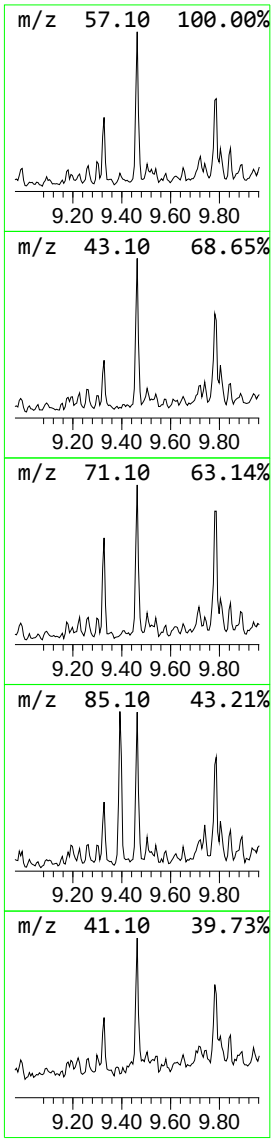
****

Peak Number 2 Tetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.463	9.31 ng	291895	Acenaphthene-d10	10.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87
3	Nonadecane	268	C19H40	000629-92-5	83
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
5	Eicosane	282	C20H42	000112-95-8	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
Data File : BF138061.D
Acq On : 29 May 2024 16:09
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

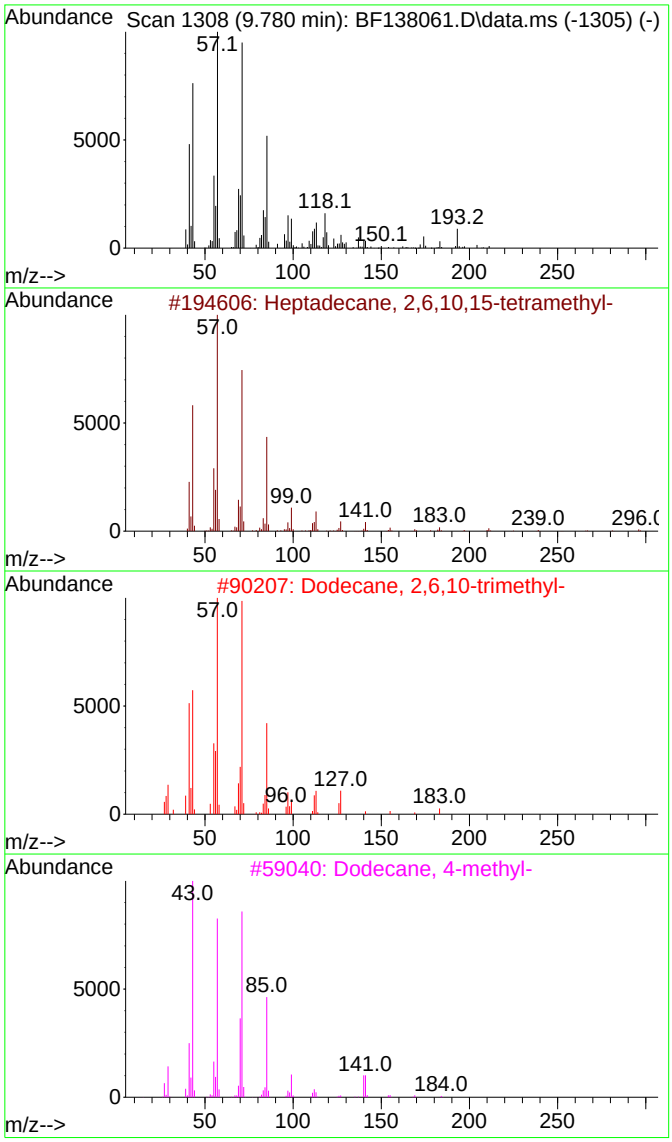
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

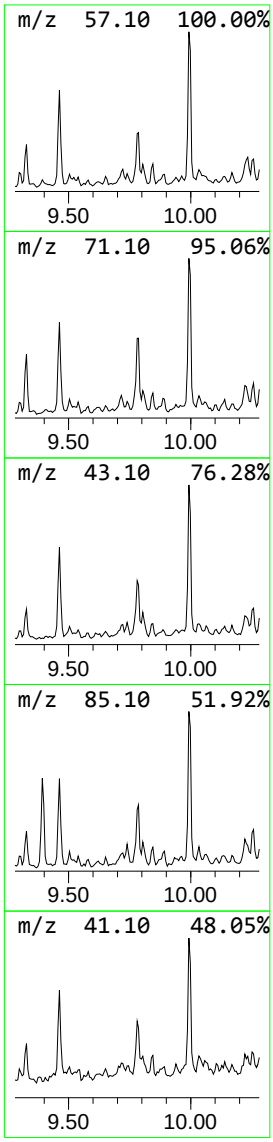
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Heptadecane, 2,6,10,15-tetr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.780	12.40 ng	388776	Acenaphthene-d10	10.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	58
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	58
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
Data File : BF138061.D
Acq On : 29 May 2024 16:09
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.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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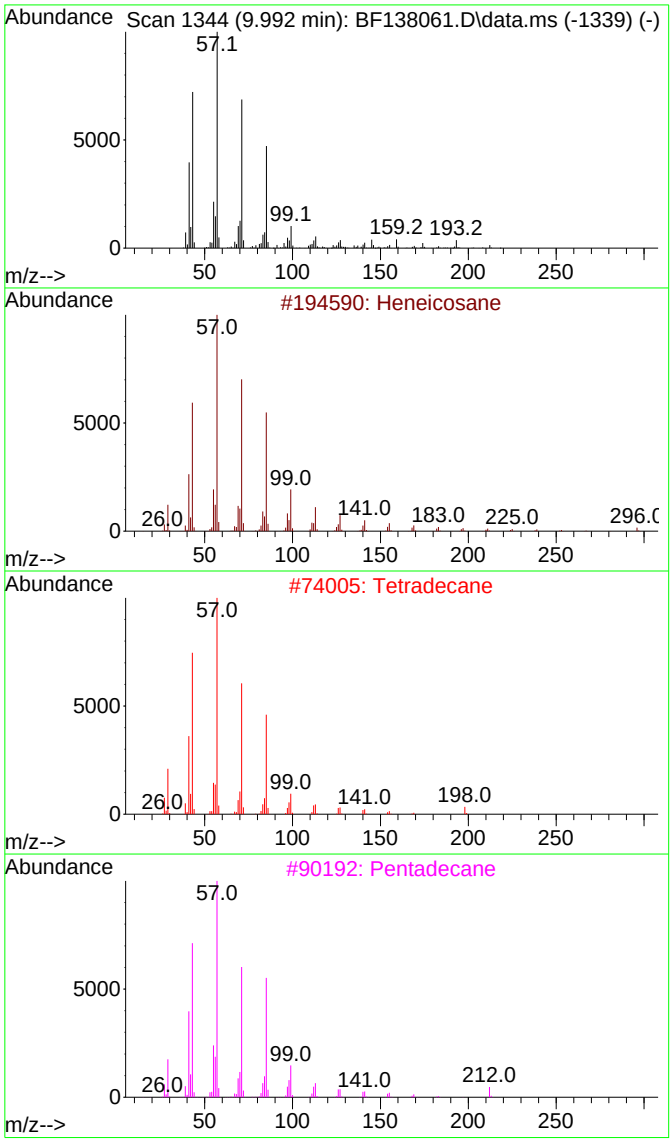
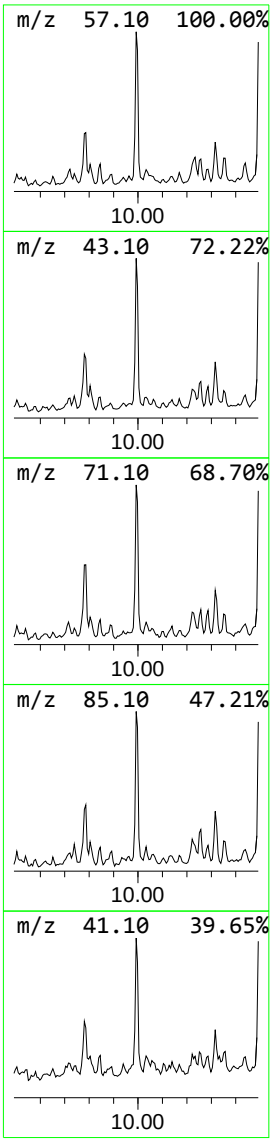
Peak Number 4 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.992	16.68 ng	522768	Acenaphthene-d10	10.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	83
2	Tetradecane	198	C14H30	000629-59-4	80
3	Pentadecane	212	C15H32	000629-62-9	80
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	80
5	Dodecane	170	C12H26	000112-40-3	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
Data File : BF138061.D
Acq On : 29 May 2024 16:09
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

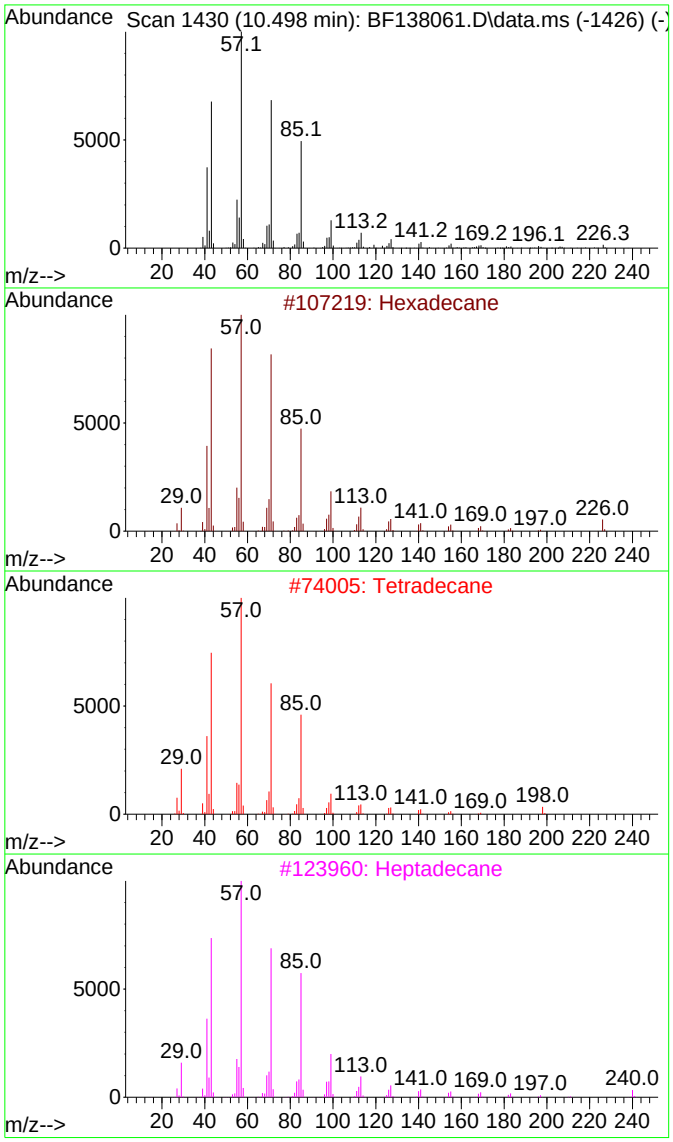
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

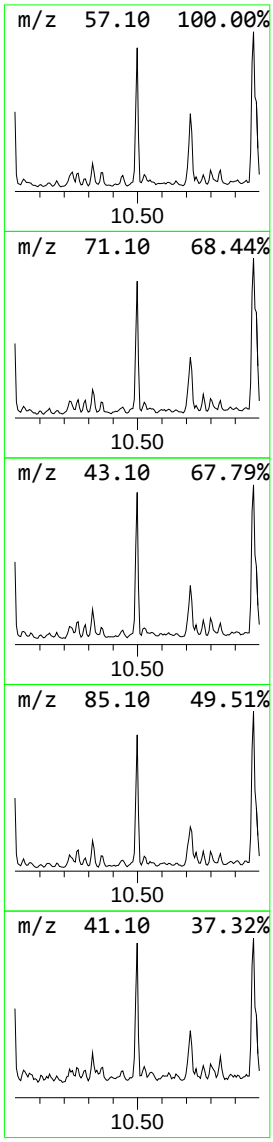
****

Peak Number 5 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.498	22.02 ng	690412	Acenaphthene-d10	10.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tetradecane	198	C14H30	000629-59-4	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
Data File : BF138061.D
Acq On : 29 May 2024 16:09
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

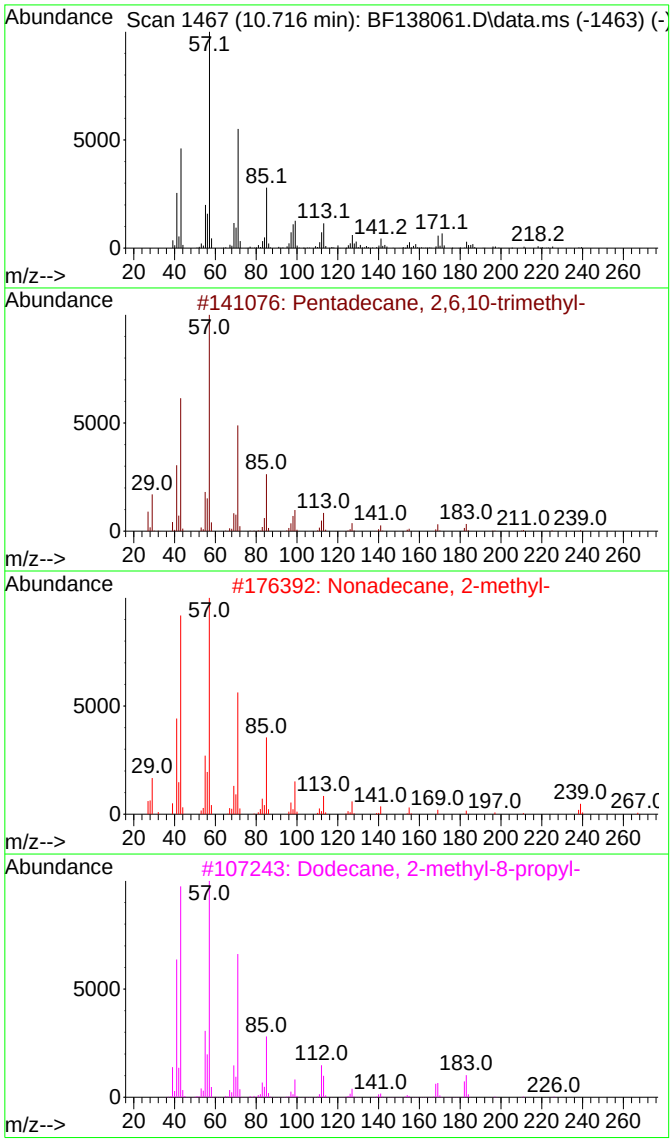
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

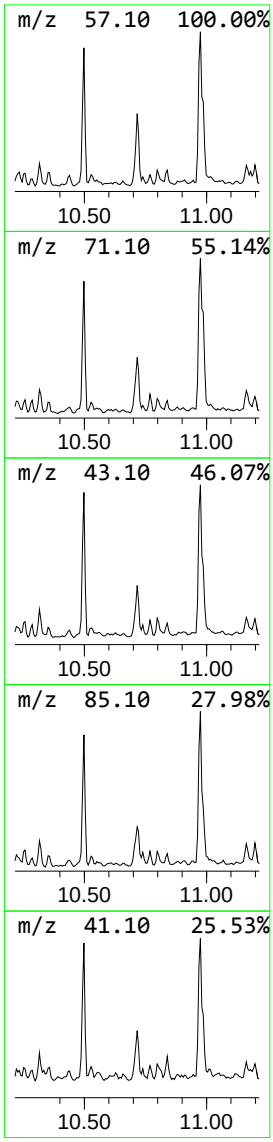
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Pentadecane, 2,6,10-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.716	15.97 ng	500677	Acenaphthene-d10	10.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	72
3	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	72
4	Heptacosane	380	C27H56	000593-49-7	72
5	Pentacosane	352	C25H52	000629-99-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
Data File : BF138061.D
Acq On : 29 May 2024 16:09
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.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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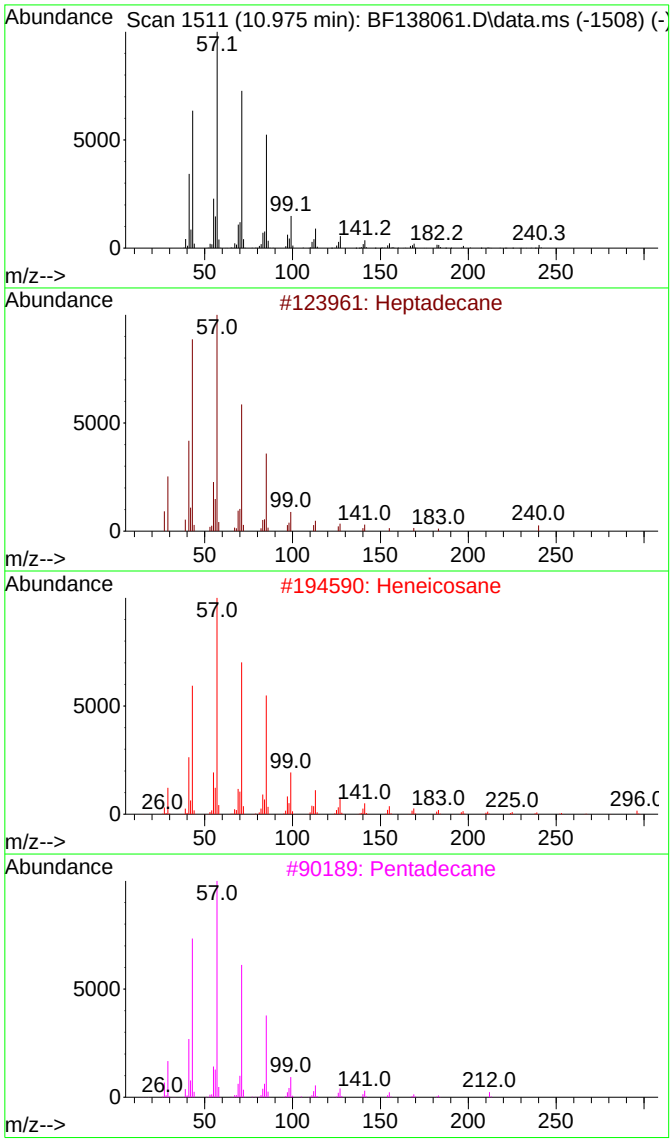
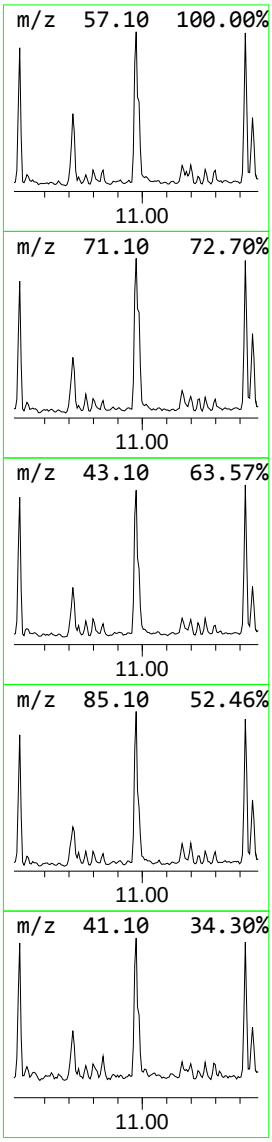
Peak Number 7 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.975	47.70 ng	1160260	Phenanthrene-d10	11.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Hexadecane	226	C16H34	000544-76-3	91





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Acq On : 29 May 2024 16:09
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
HR-02-05242024

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

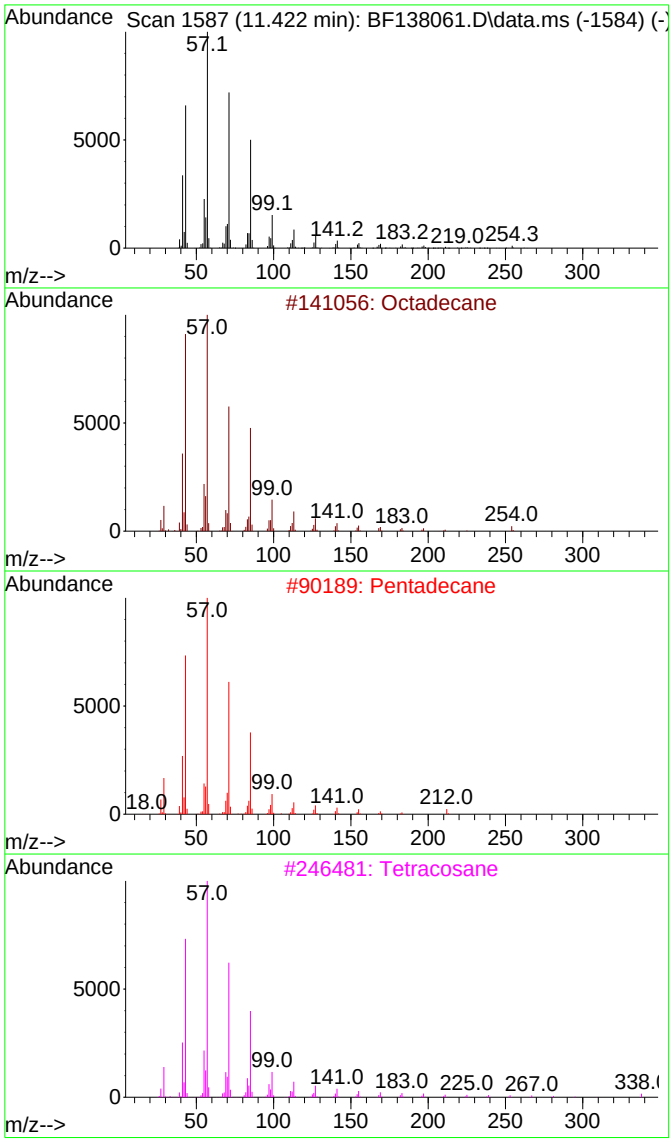
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

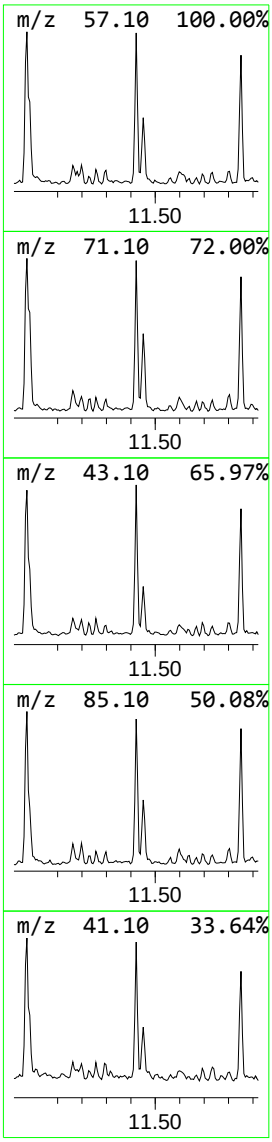
****

Peak Number 8 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.422	29.17 ng	709374	Phenanthrene-d10	11.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Pentadecane	212	C15H32	000629-62-9	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Hexadecane	226	C16H34	000544-76-3	91





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Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
HR-02-05242024

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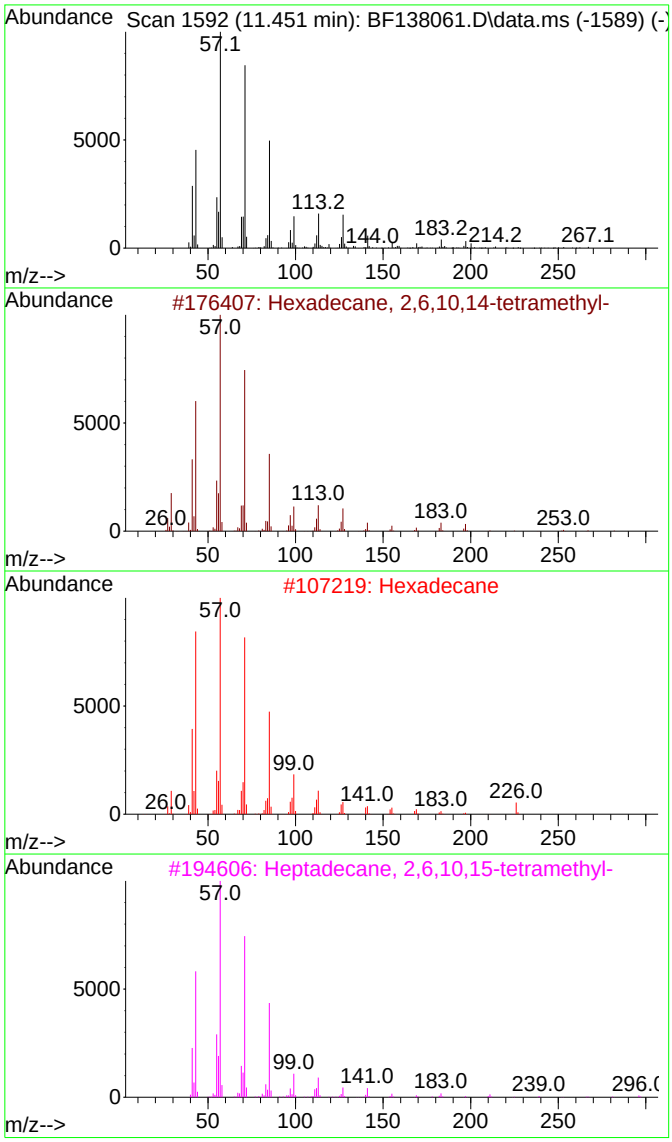
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

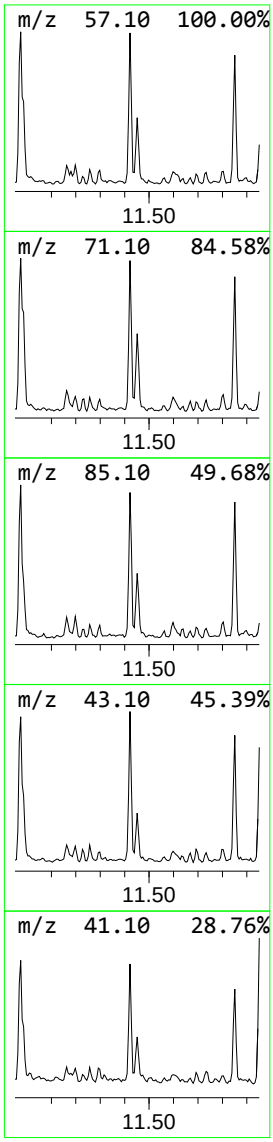
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Hexadecane, 2,6,10,14-tetra... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.451	13.91 ng	338436	Phenanthrene-d10	11.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Hexadecane	226	C16H34	000544-76-3	87
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Heneicosane	296	C21H44	000629-94-7	86
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86





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Sample : P2610-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-02-05242024

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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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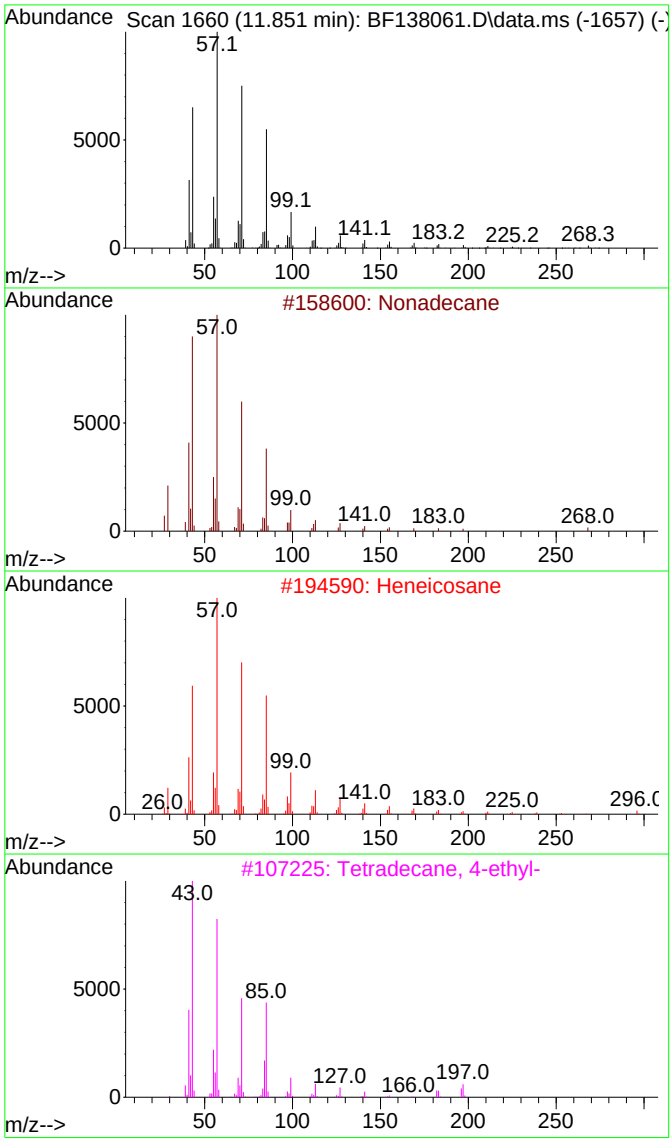
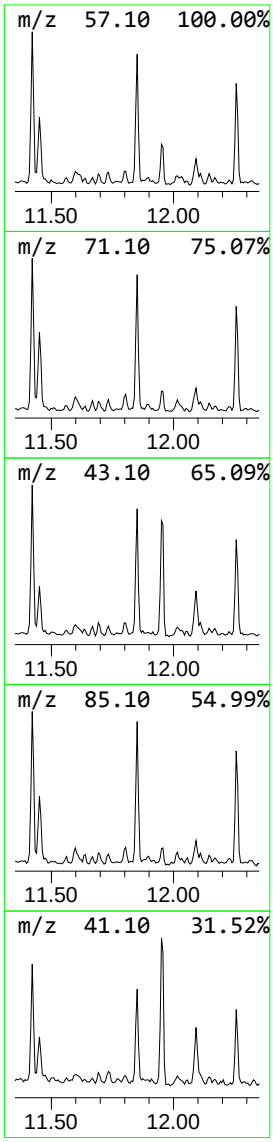
Peak Number 10 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	26.90 ng	654299	Phenanthrene-d10	11.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	97
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Octadecane	254	C18H38	000593-45-3	91





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Sample : P2610-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

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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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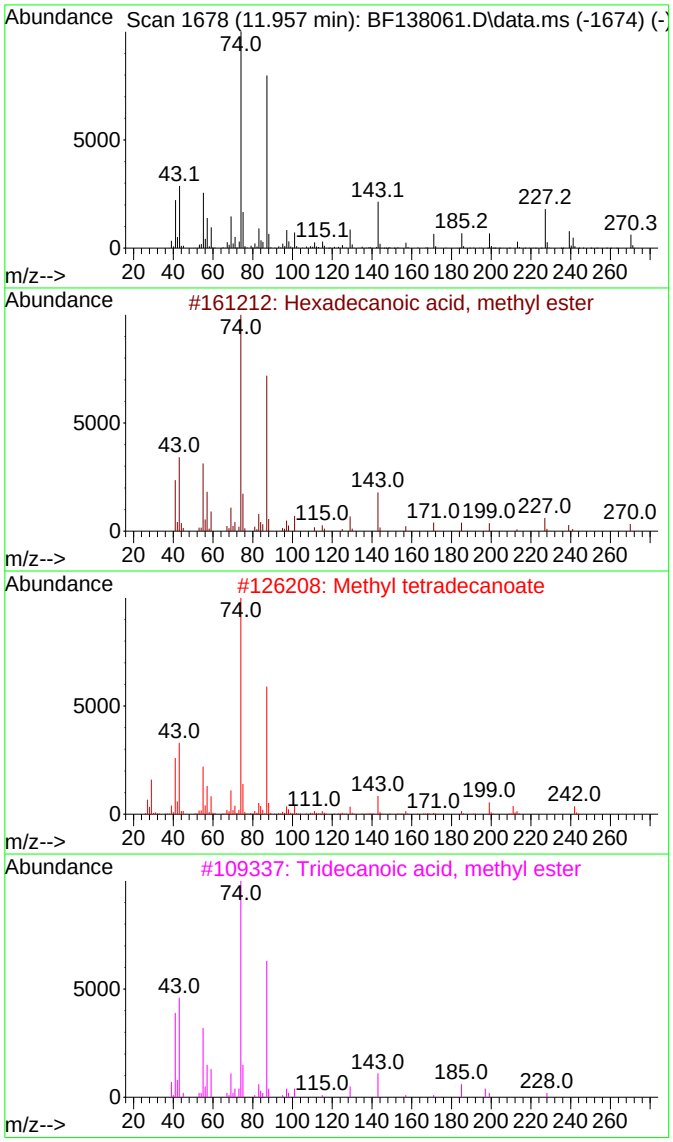
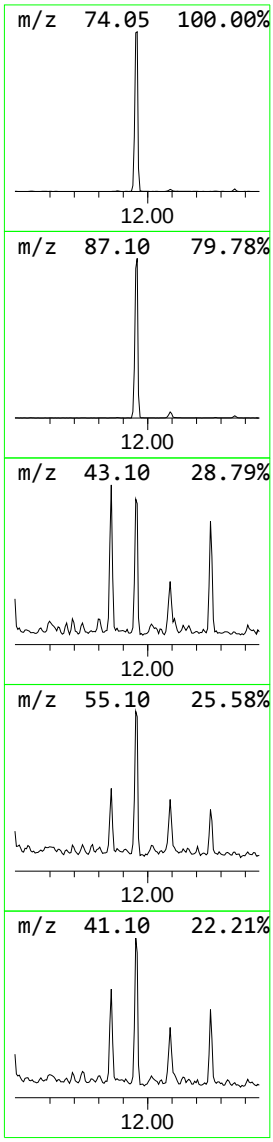
Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	63.56 ng	1546020	Phenanthrene-d10	11.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	70
5	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	64





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Sample : P2610-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-02-05242024

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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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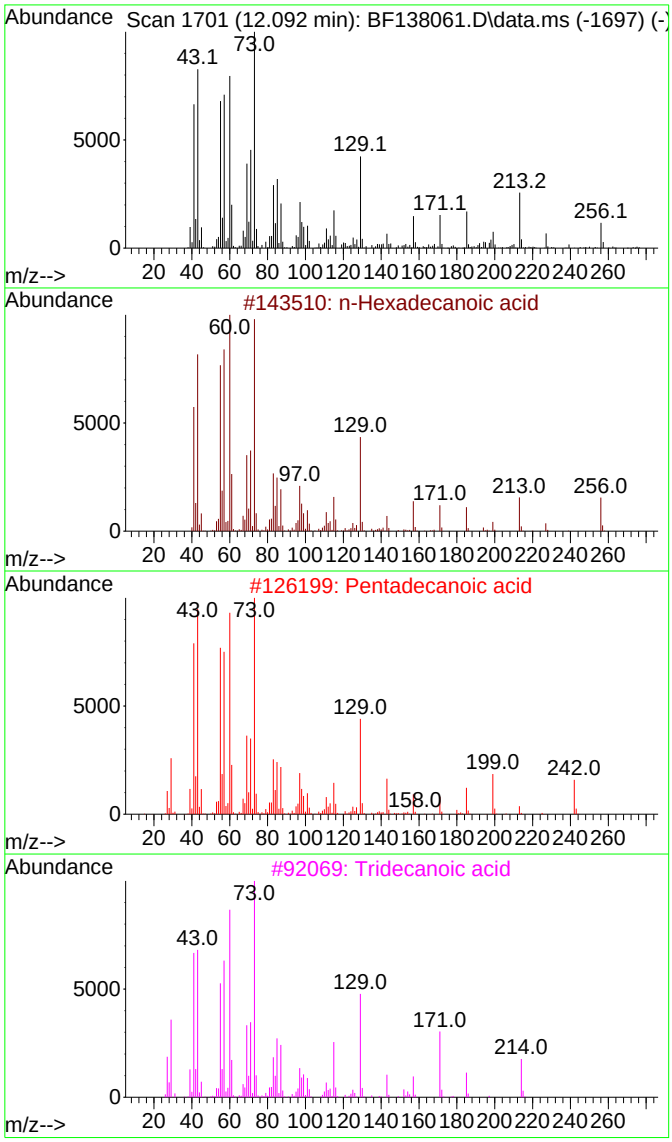
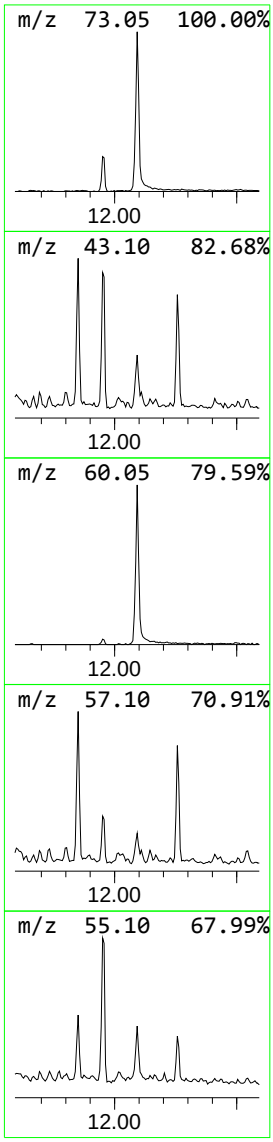
Peak Number 12 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	25.66 ng	624038	Phenanthrene-d10	11.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	Tetradecane	198	C14H30	000629-59-4	59





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-02-05242024

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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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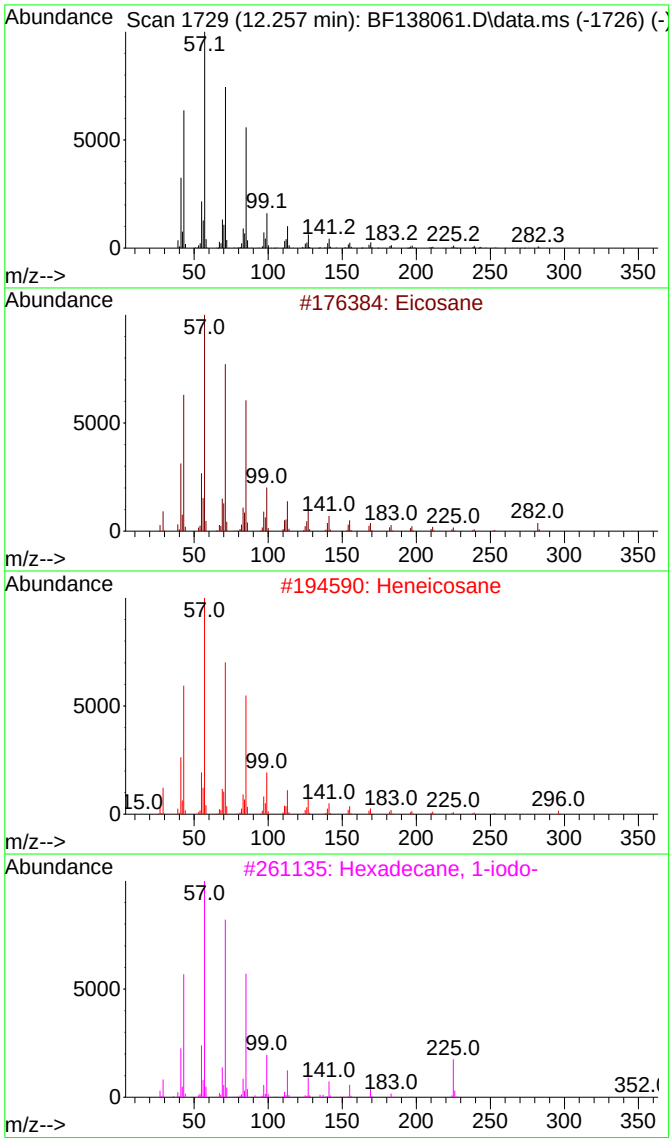
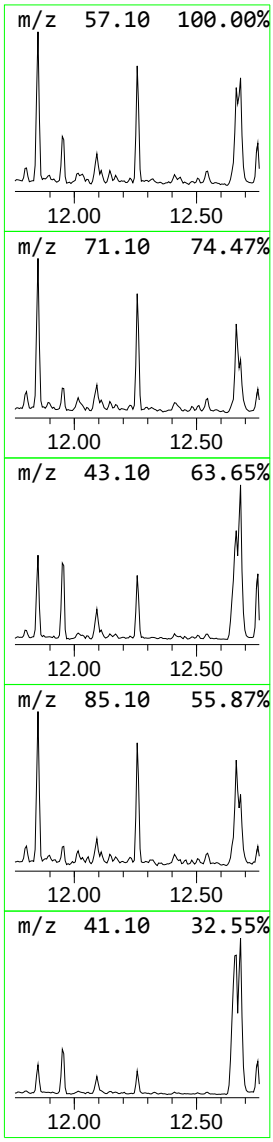
Peak Number 13 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.257	23.53 ng	572317	Phenanthrene-d10	11.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Nonadecane	268	C19H40	000629-92-5	91





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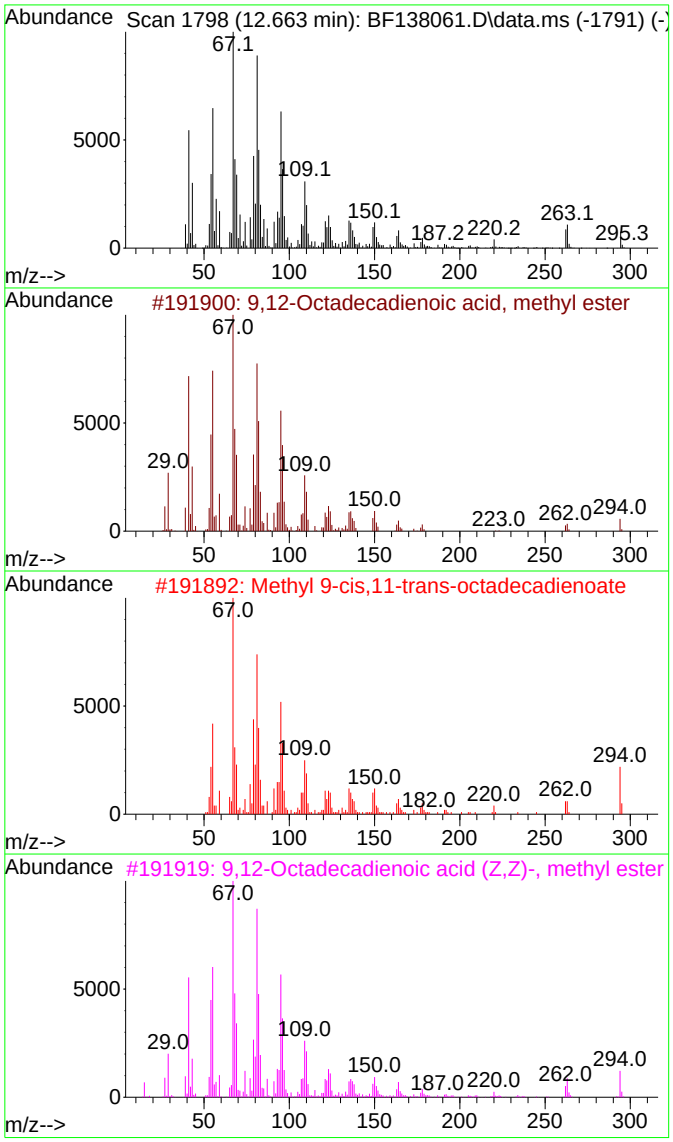
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

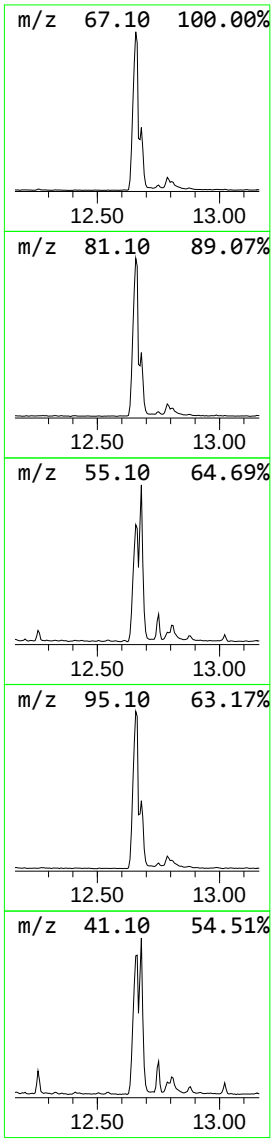
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.663	362.57 ng	8818540	Phenanthrene-d10	11.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99





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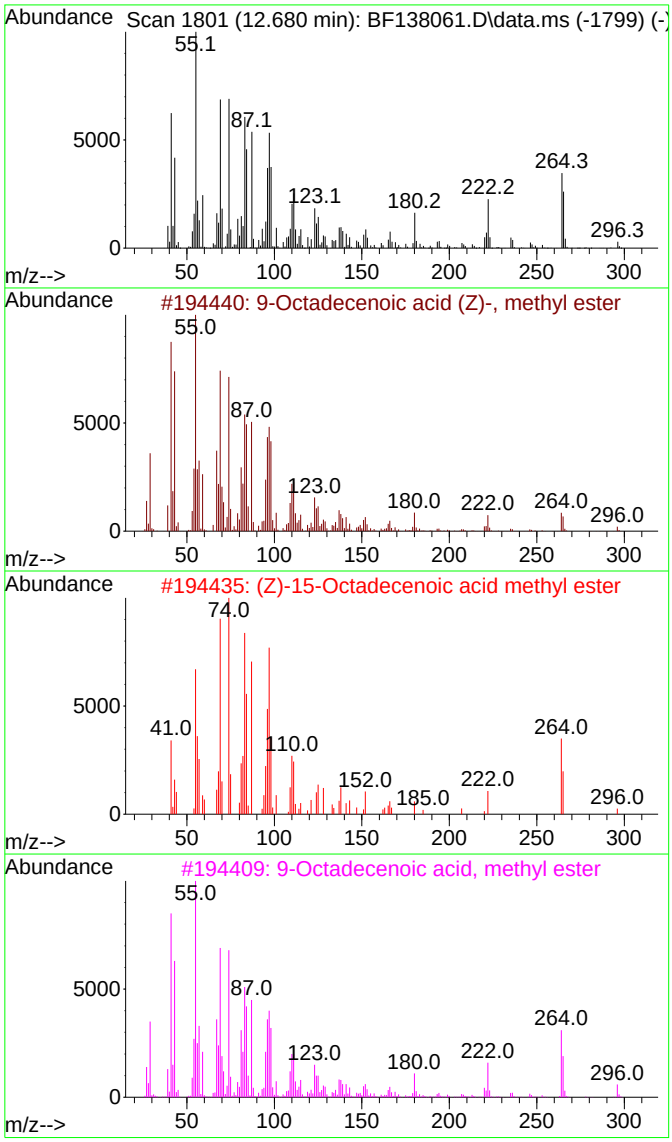
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

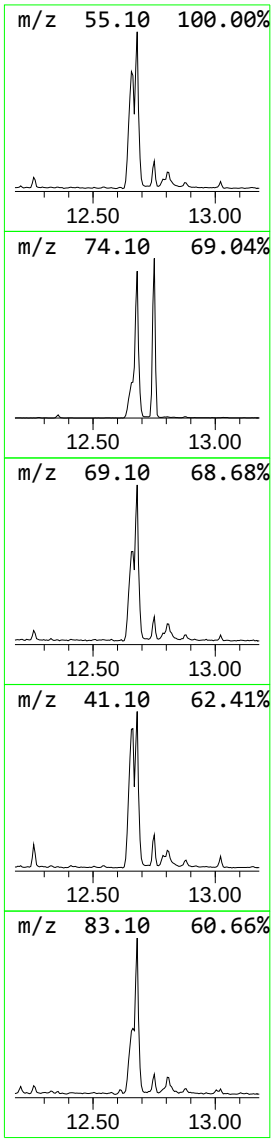
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.680	242.23 ng	5891540	Phenanthrene-d10	11.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
2	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	94
3	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	94
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	93
5	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	91





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Sample : P2610-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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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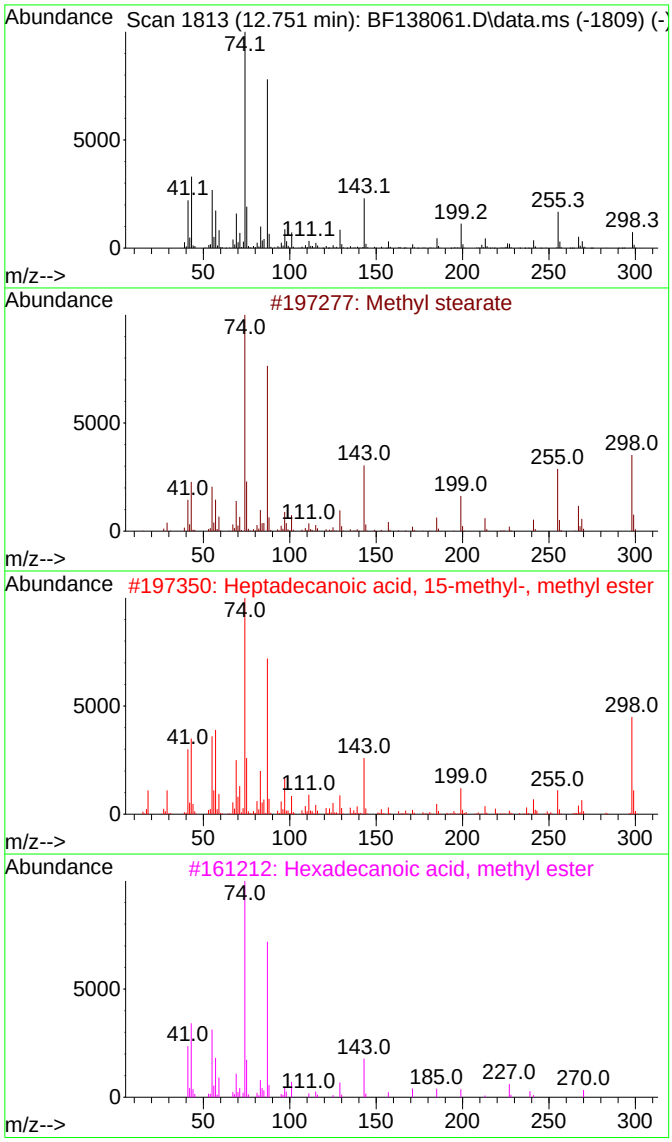
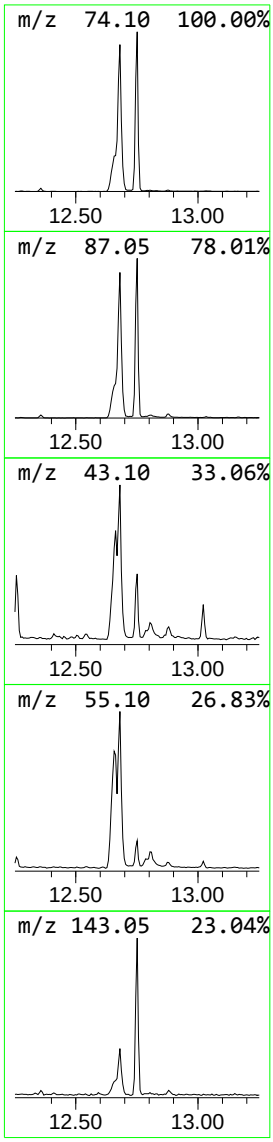
Peak Number 16 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.751	53.04 ng	1290150	Phenanthrene-d10	11.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	99
2	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	94
3	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
4	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90





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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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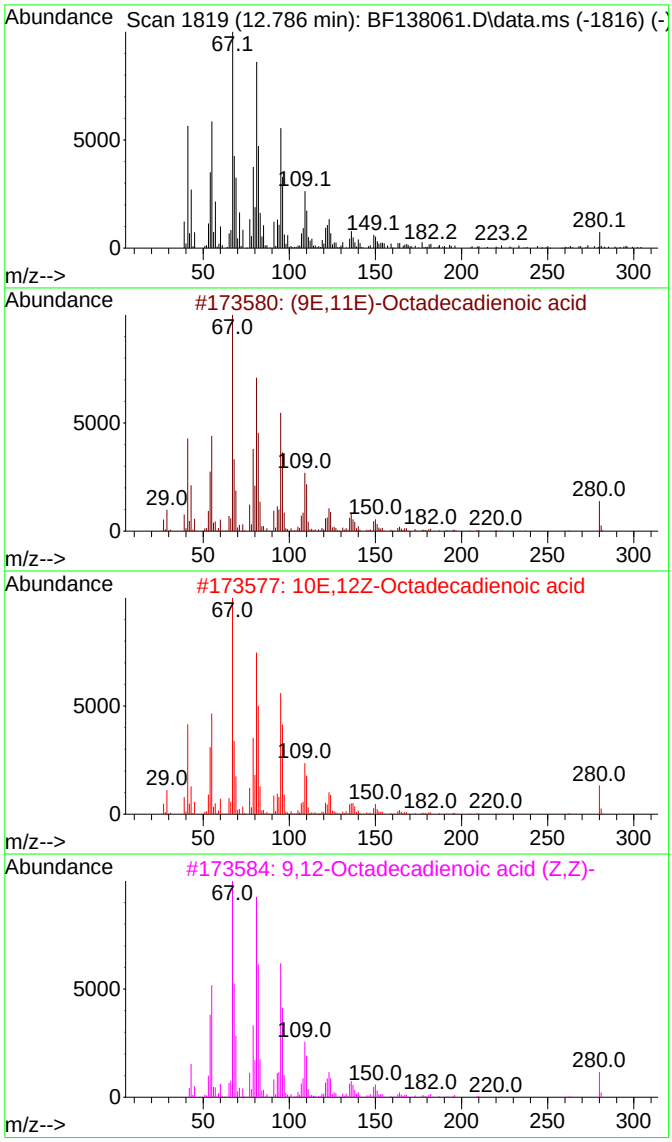
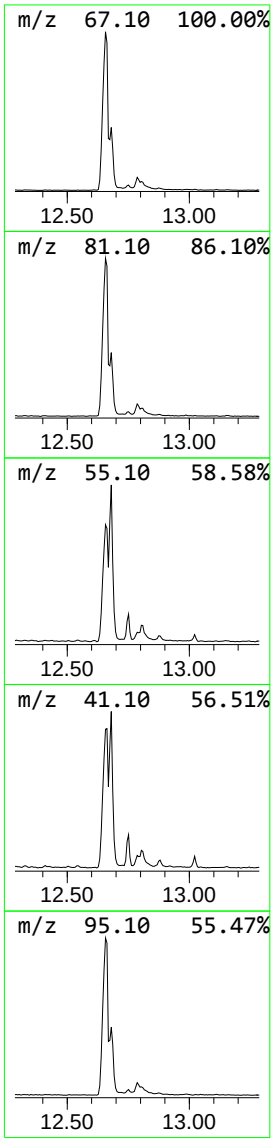
Peak Number 17 (9E,11E)-Octadecadienoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.786	17.74 ng	431549	Phenanthrene-d10	11.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(9E,11E)-Octadecadienoic acid	280	C18H32O2	000544-71-8	98
2	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	97
3	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	95
5	Methyl 5,12-octadecadienoate	294	C19H34O2	1000336-43-1	94





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ALS Vial : 9 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

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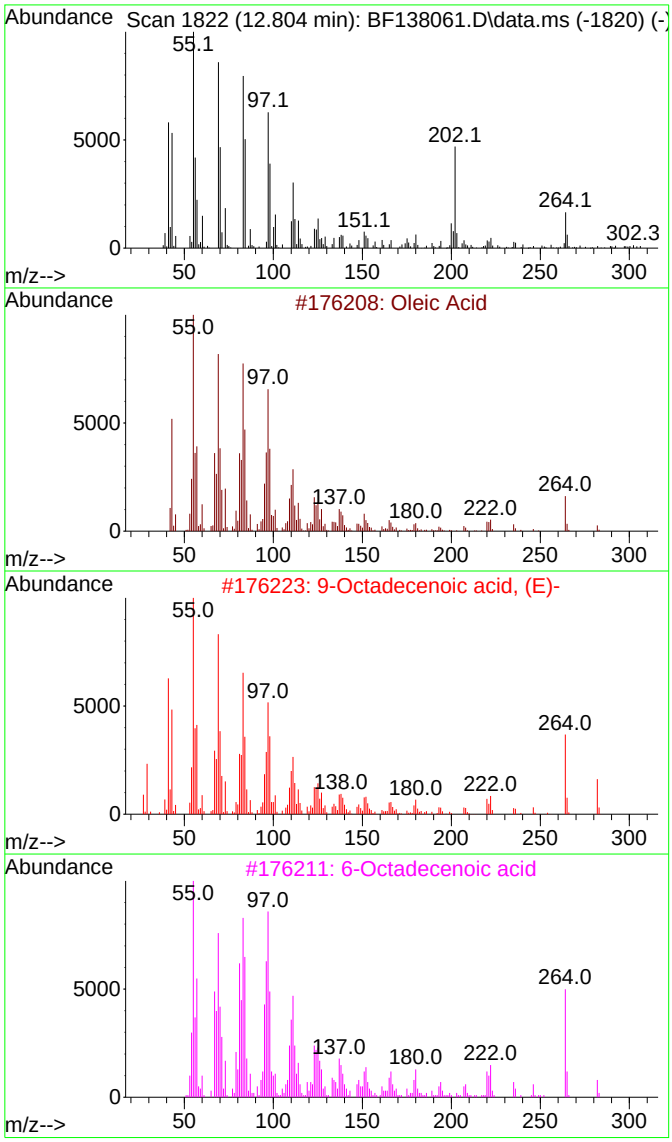
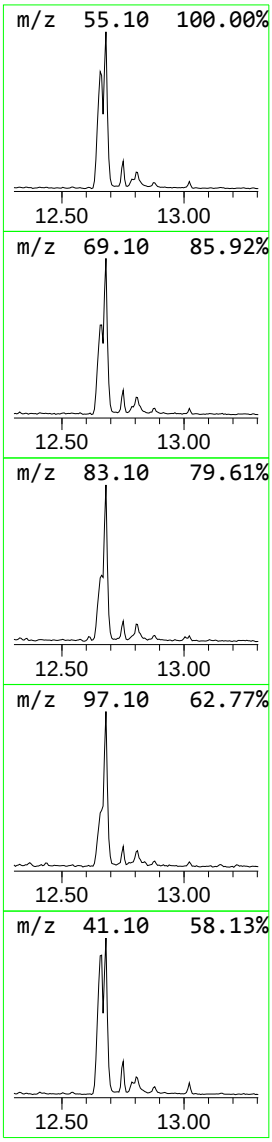
Peak Number 18 Oleic Acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.804	38.56 ng	937802	Phenanthrene-d10	11.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	86
2	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	80
3	6-Octadecenoic acid	282	C18H34O2	1000336-66-8	74
4	1-Dodecanethiol	202	C12H26S	000112-55-0	72
5	Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	70





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Acq On : 29 May 2024 16:09
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

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BNA_F
ClientSampleId :
HR-02-05242024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.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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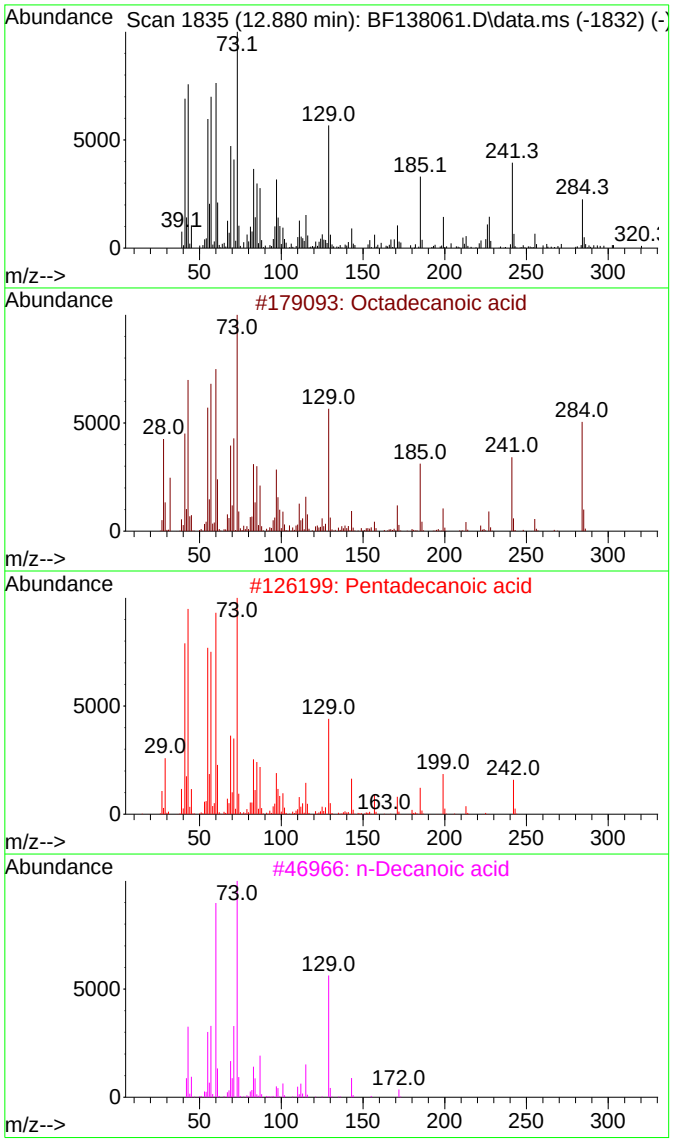
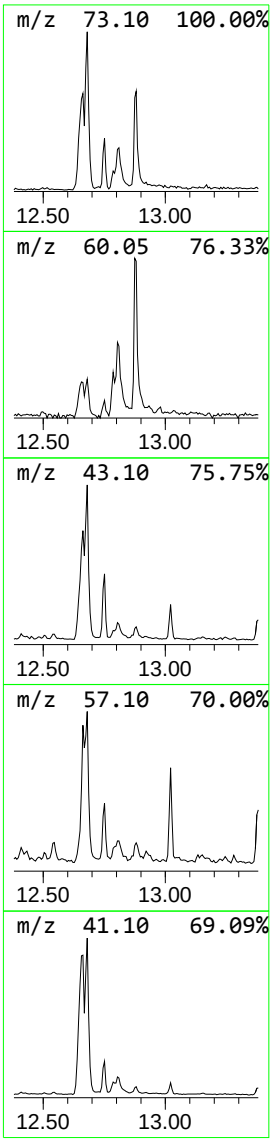
Peak Number 19 Octadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.880	10.75 ng	261400	Phenanthrene-d10	11.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	n-Decanoic acid	172	C10H20O2	000334-48-5	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
Data File : BF138061.D
Acq On : 29 May 2024 16:09
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.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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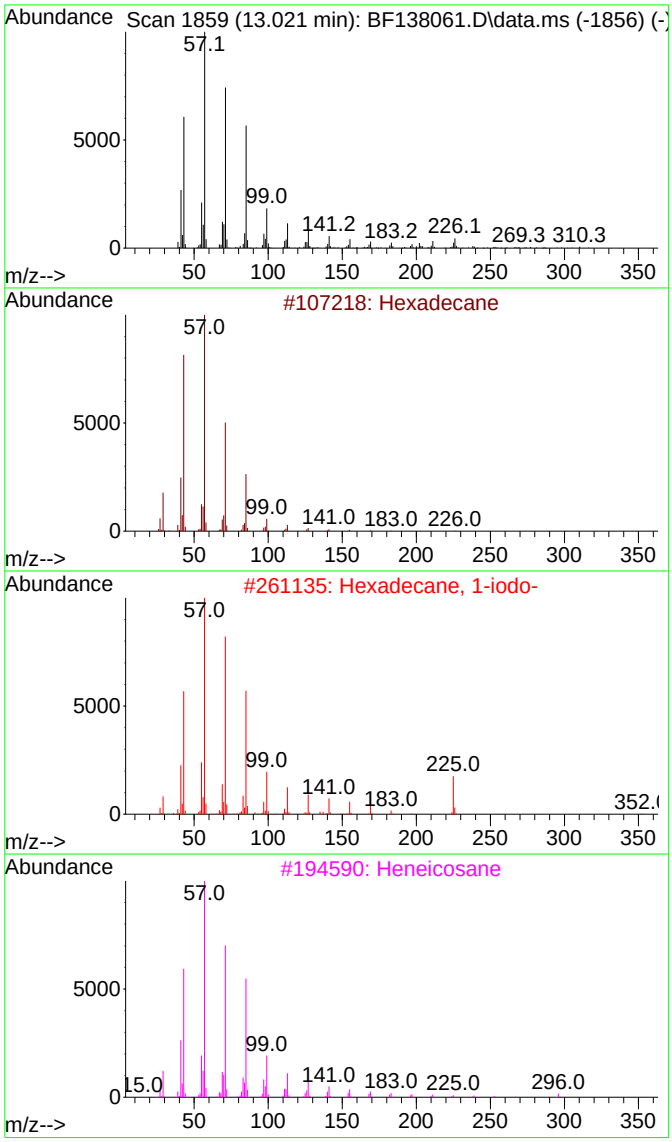
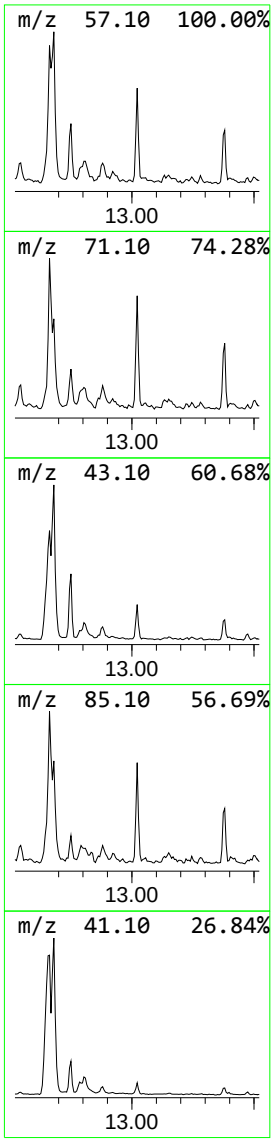
Peak Number 20 Hexadecane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.021	17.83 ng	433628	Chrysene-d12	14.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Docosane	310	C22H46	000629-97-0	91
5	Eicosane	282	C20H42	000112-95-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
Data File : BF138061.D
Acq On : 29 May 2024 16:09
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.369	24.0	ng	530542	1	7.034	442201	20.0
Tetradecane	9.463	9.3	ng	291895	3	10.086	627006	20.0
Heptadecane, 2,...	9.780	12.4	ng	388776	3	10.086	627006	20.0
Heneicosane	9.992	16.7	ng	522768	3	10.086	627006	20.0
Hexadecane	10.498	22.0	ng	690412	3	10.086	627006	20.0
Pentadecane, 2,...	10.716	16.0	ng	500677	3	10.086	627006	20.0
Heptadecane	10.975	47.7	ng	1160260	4	11.580	486449	20.0
Octadecane	11.422	29.2	ng	709374	4	11.580	486449	20.0
Hexadecane, 2,6...	11.451	13.9	ng	338436	4	11.580	486449	20.0
Nonadecane	11.851	26.9	ng	654299	4	11.580	486449	20.0
Hexadecanoic ac...	11.957	63.6	ng	1546020	4	11.580	486449	20.0
n-Hexadecanoic ...	12.092	25.7	ng	624038	4	11.580	486449	20.0
Eicosane	12.257	23.5	ng	572317	4	11.580	486449	20.0
9,12-Octadecadi...	12.663	362.6	ng	8818540	4	11.580	486449	20.0
9-Octadecenoic ...	12.680	242.2	ng	5891540	4	11.580	486449	20.0
Methyl stearate	12.751	53.0	ng	1290150	4	11.580	486449	20.0
(9E,11E)-Octade...	12.786	17.7	ng	431549	4	11.580	486449	20.0
Oleic Acid	12.804	38.6	ng	937802	4	11.580	486449	20.0
Octadecanoic acid	12.880	10.8	ng	261400	4	11.580	486449	20.0
Hexadecane, 1-i...	13.021	17.8	ng	433628	5	14.233	486430	20.0