LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138034.D
Acq On : 23 May 2024 18:31
Operator : CG\JU
Sample : P2580-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-052224

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: BF138034.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.357	40	46	54	rBV	320752	405399	3.76%	1.054%
2	5.651	602	606	620	rBV	608798	526439	4.89%	1.369%
3	6.639	771	774	780	rBV	542853	520945	4.84%	1.354%
4	7.034	837	841	844	rBV	999849	763553	7.09%	1.985%
5	7.592	932	936	938	rBV	364905	327728	3.04%	0.852%
6	8.316	1056	1059	1064	rVB	1171428	973545	9.04%	2.531%
7	8.892	1152	1157	1162	rBV4	143190	145868	1.35%	0.379%
8	9.139	1196	1199	1203	rBV4	109020	111627	1.04%	0.290%
9	9.392	1238	1242	1246	rBV	861024	720180	6.69%	1.872%
10	9.463	1251	1254	1257	rVV	232431	208132	1.93%	0.541%
11	9.780	1305	1308	1313	rBV2	123651	130118	1.21%	0.338%
12	9.992	1341	1344	1348	rVB	389601	290399	2.70%	0.755%
13	10.080	1356	1359	1362	rVB	1179232	904933	8.40%	2.353%
14	10.316	1396	1399	1404	rBV5	91980	118835	1.10%	0.309%
15	10.492	1426	1429	1432	rBV	431880	344717	3.20%	0.896%
16	10.716	1462	1467	1469	rBV	172972	200196	1.86%	0.521%
17	10.869	1490	1493	1497	rBV	294790	264007	2.45%	0.686%
18	10.969	1507	1510	1515	rBV	469985	491940	4.57%	1.279%
19	11.416	1583	1586	1589	rBV	334290	292397	2.72%	0.760%
20	11.451	1589	1592	1594	rVV	118214	110060	1.02%	0.286%
21	11.574	1610	1613	1616	rBV	942008	795669	7.39%	2.069%
22	11.845	1656	1659	1662	rBV	299460	249968	2.32%	0.650%
23	11.951	1673	1677	1681	rBV	4247708	3859815	35.84%	10.035%
24	12.080	1696	1699	1702	rBV2	133991	136378	1.27%	0.355%
25	12.257	1725	1729	1731	rBV	245261	221099	2.05%	0.575%
26	12.657	1791	1797	1798	rBV	8042255	10769354	100.00%	28.000%
27	12.674	1798	1800	1806	rVV2	8282509	8783456	81.56%	22.837%
28	12.751	1809	1813	1816	rVB	2305442	2084980	19.36%	5.421%
29	12.780	1816	1818	1819	rBV	243787	186911	1.74%	0.486%
30	12.798	1819	1821	1826	rVB	353675	329334	3.06%	0.856%
31	13.021	1856	1859	1866	rVB2	182132	248931	2.31%	0.647%
32	13.163	1880	1883	1886	rBV	639999	508205	4.72%	1.321%
33	13.374	1917	1919	1921	rBV	160731	146233	1.36%	0.380%
34	13.398	1921	1923	1929	rVB4	176657	199436	1.85%	0.519%
35	13.468	1932	1935	1938	rBV	188417	173461	1.61%	0.451%
36	13.904	2006	2009	2012	rVB3	102610	109592	1.02%	0.285%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138034.D
Acq On : 23 May 2024 18:31
Operator : CG\JU
Sample : P2580-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-052224

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	14.145	2047	2050	2054	rBV	179038	200163	1.86%	0.520%
38	14.227	2061	2064	2068	rBV	799574	722734	6.71%	1.879%
39	14.674	2137	2140	2143	rBV	128296	108775	1.01%	0.283%
40	15.374	2257	2259	2264	rVB	108090	113385	1.05%	0.295%
41	15.798	2326	2331	2339	rVB	493576	663026	6.16%	1.724%

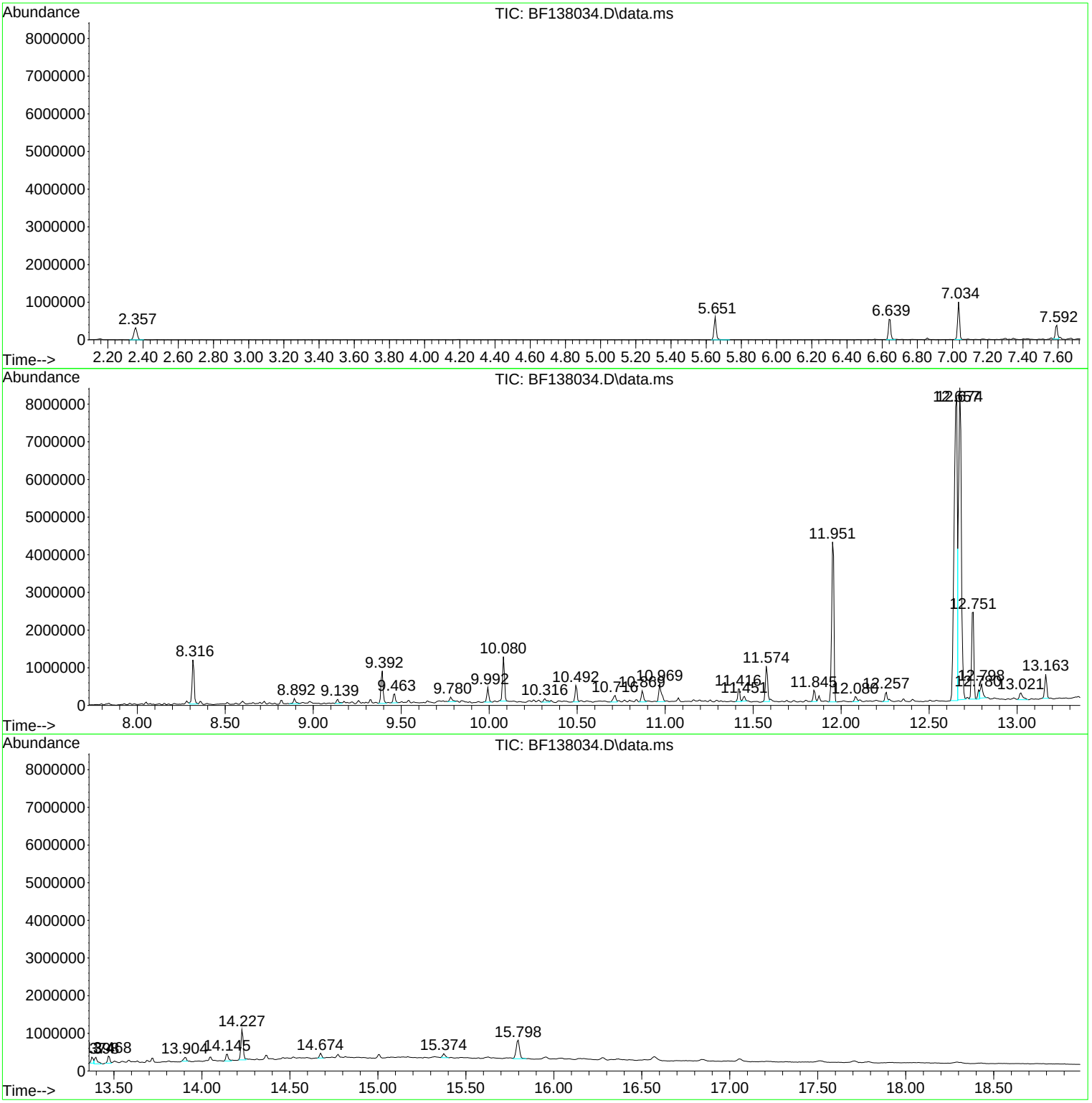
Sum of corrected areas: 38461923

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138034.D
Acq On : 23 May 2024 18:31
Operator : CG\JU
Sample : P2580-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-052224

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\BF052324\
Data File : BF138034.D
Acq On : 23 May 2024 18:31
Operator : CG\JU
Sample : P2580-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-052224

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

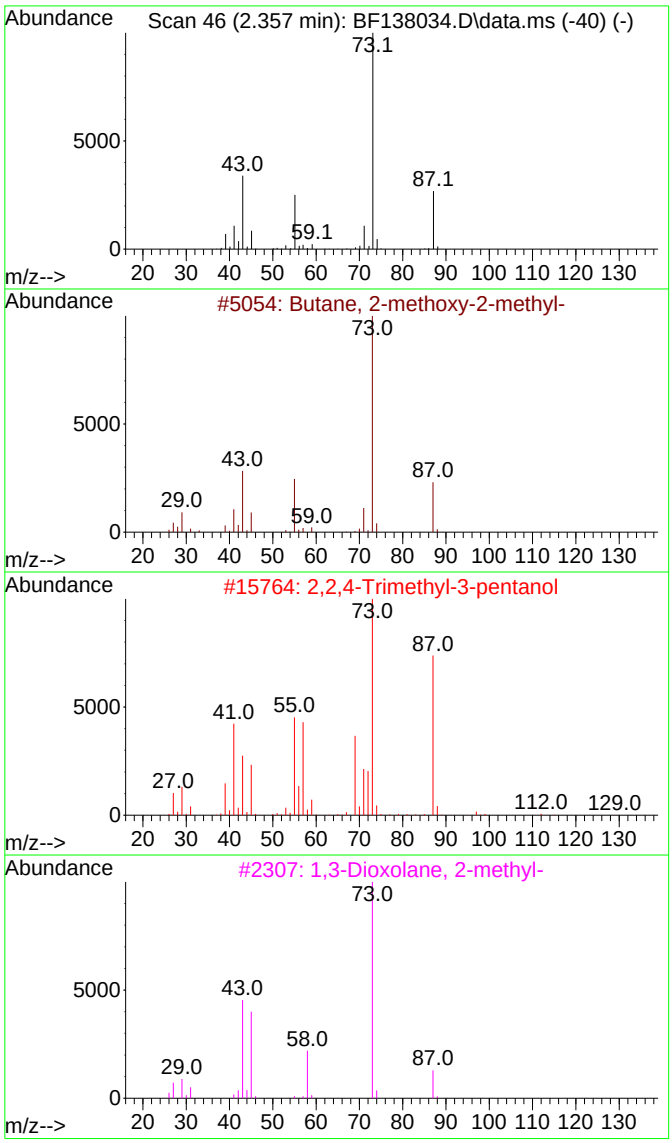
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

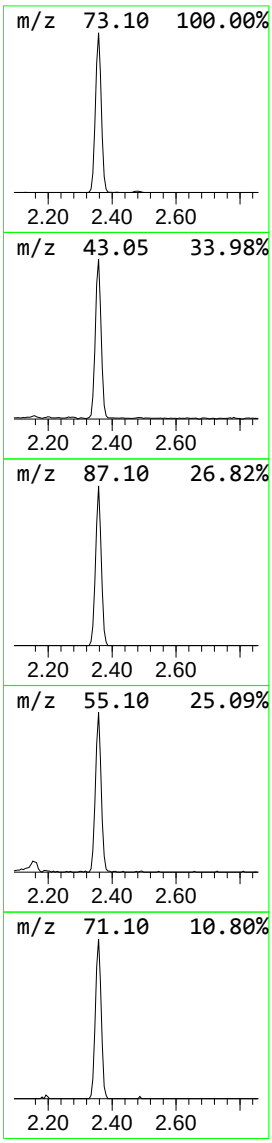
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.357	10.62 ng	405399	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	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138034.D
Acq On : 23 May 2024 18:31
Operator : CG\JU
Sample : P2580-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-052224

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

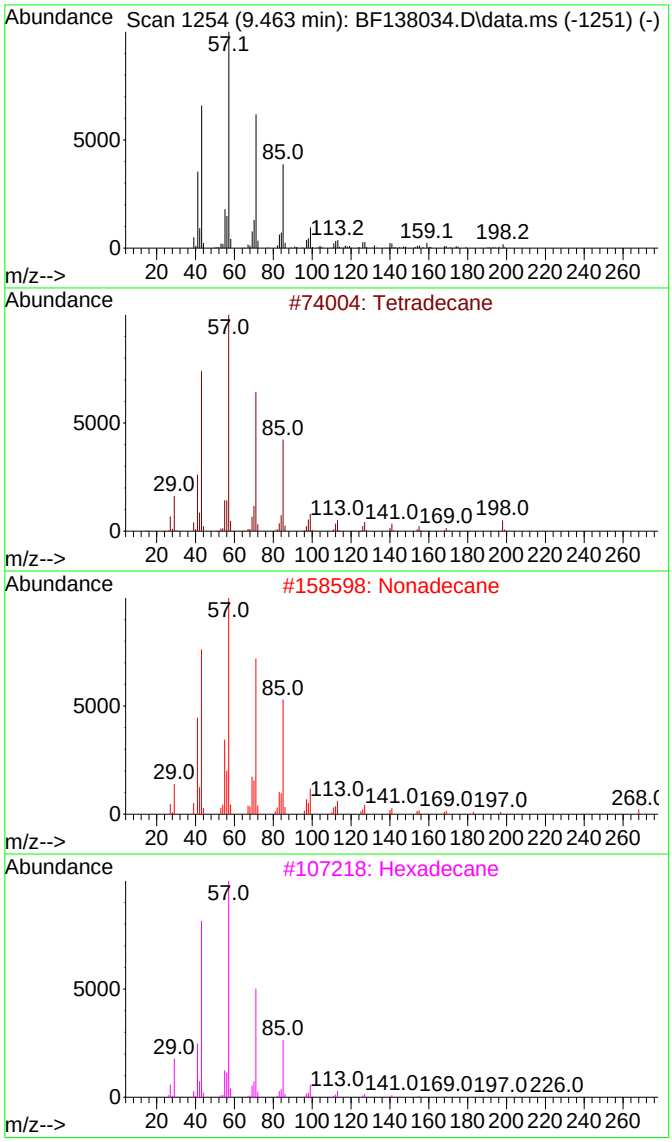
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

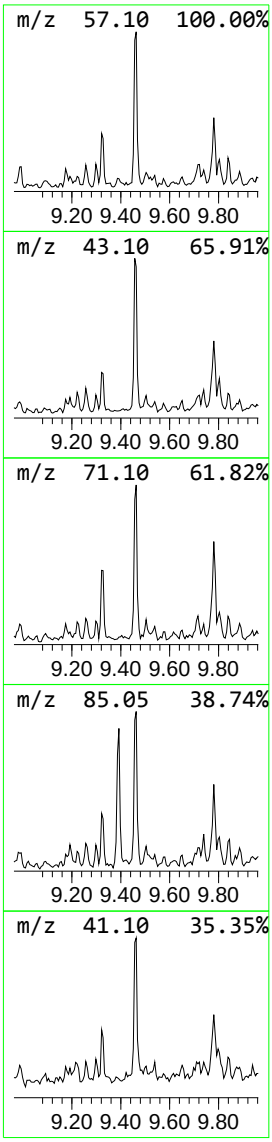
****

Peak Number 2 Tetradecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.463	4.60 ng	208132	Acenaphthene-d10	10.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Nonadecane	268	C19H40	000629-92-5	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138034.D
Acq On : 23 May 2024 18:31
Operator : CG\JU
Sample : P2580-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-052224

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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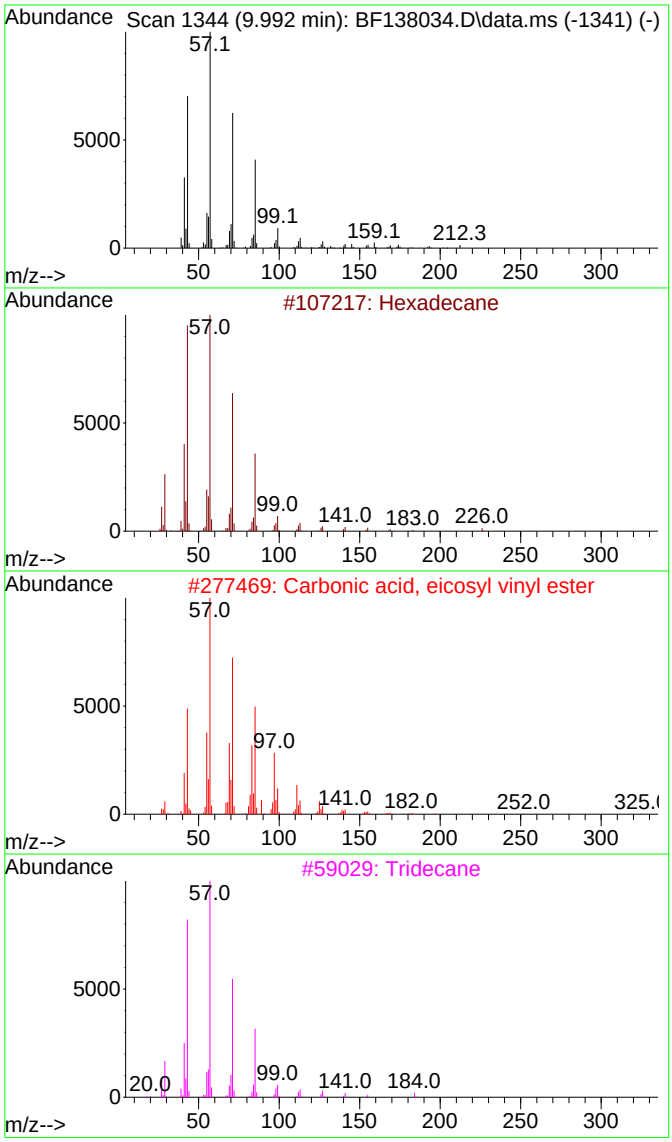
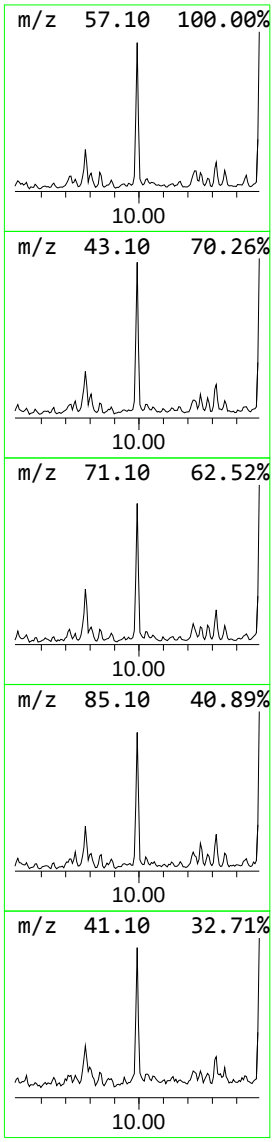
Peak Number 3 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.992	6.42 ng	290399	Acenaphthene-d10	10.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
3	Tridecane	184	C13H28	000629-50-5	80
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
5	Pentadecane	212	C15H32	000629-62-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138034.D
Acq On : 23 May 2024 18:31
Operator : CG\JU
Sample : P2580-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-052224

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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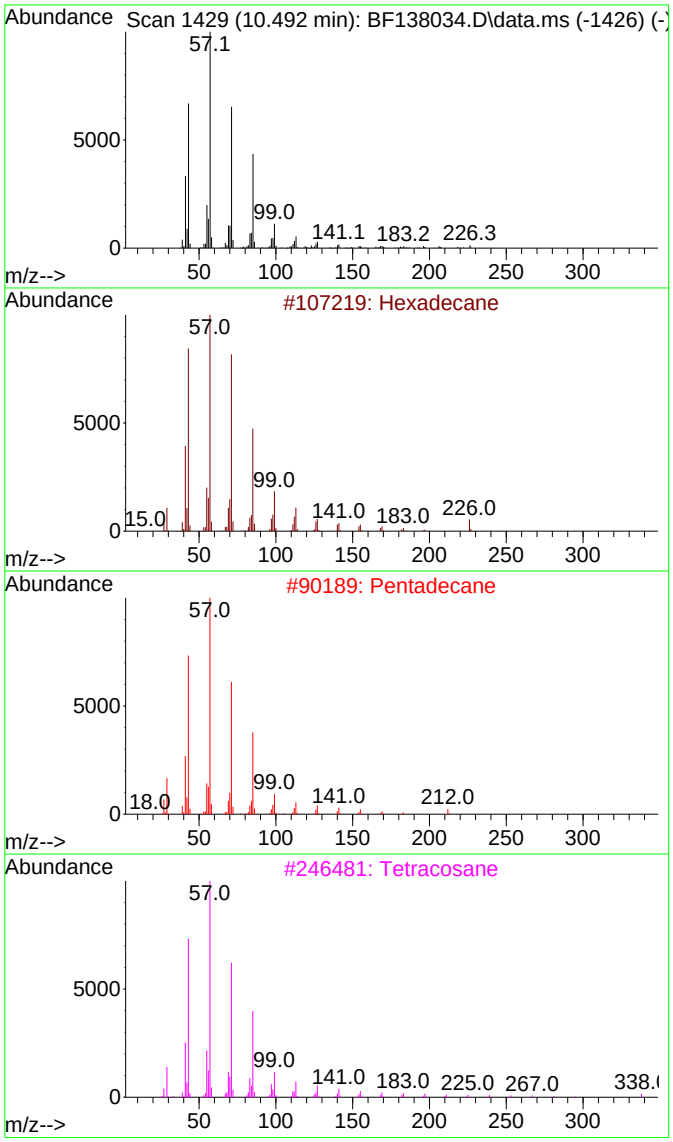
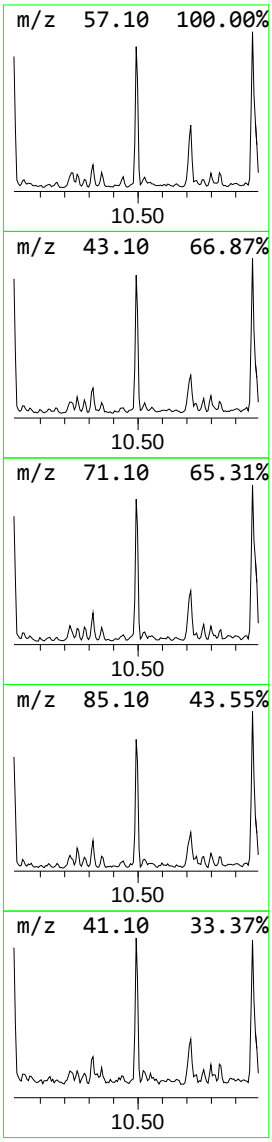
Peak Number 4 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.492	7.62 ng	344717	Acenaphthene-d10	10.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Heptadecane	240	C17H36	000629-78-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138034.D
Acq On : 23 May 2024 18:31
Operator : CG\JU
Sample : P2580-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-052224

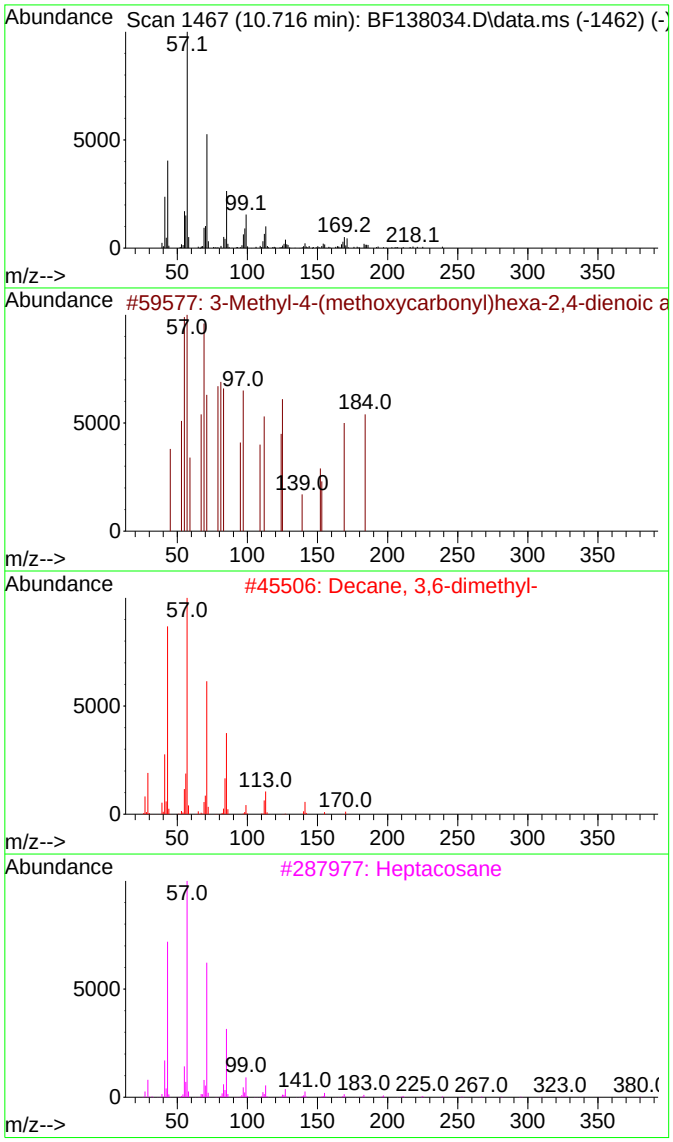
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

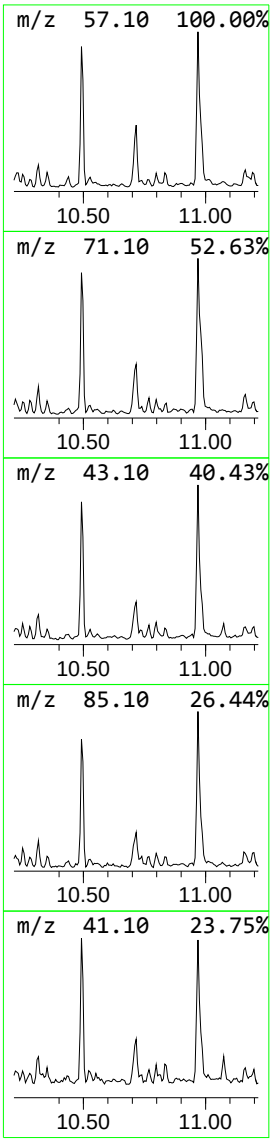
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 3-Methyl-4-(methoxycarbonyl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.716	4.42 ng	200196	Acenaphthene-d10	10.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1010104-10-8	90
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	76
3	Heptacosane	380	C27H56	000593-49-7	72
4	Heneicosane	296	C21H44	000629-94-7	64
5	Tridecane	184	C13H28	000629-50-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138034.D
Acq On : 23 May 2024 18:31
Operator : CG\JU
Sample : P2580-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-052224

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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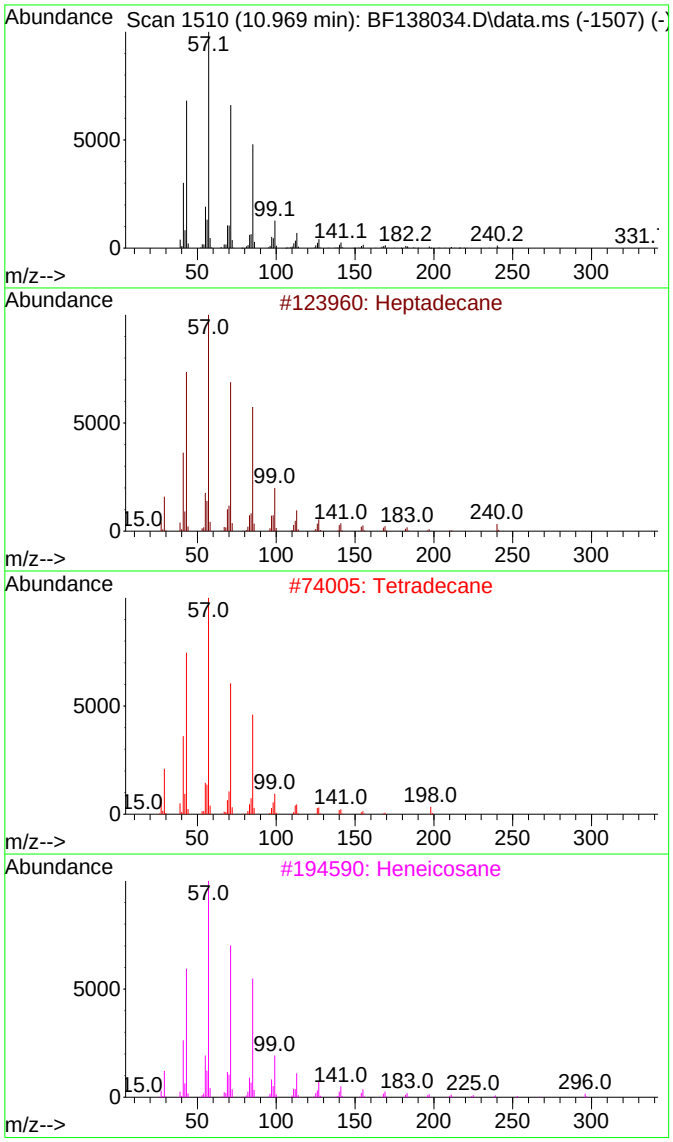
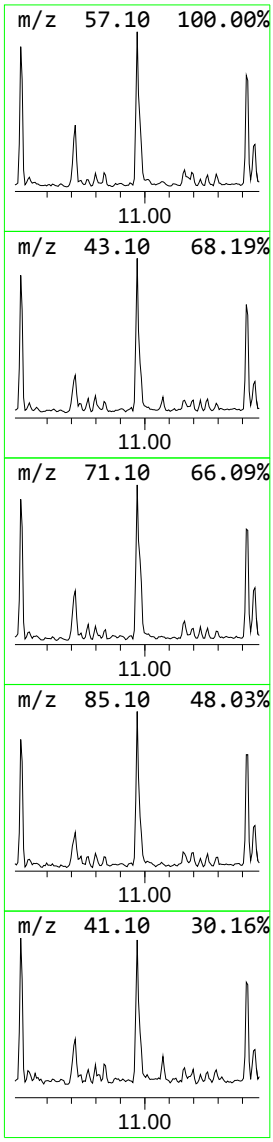
Peak Number 6 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.969	12.37 ng	491940	Phenanthrene-d10	11.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Tetradecane	198	C14H30	000629-59-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Pentadecane	212	C15H32	000629-62-9	87
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138034.D
Acq On : 23 May 2024 18:31
Operator : CG\JU
Sample : P2580-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-052224

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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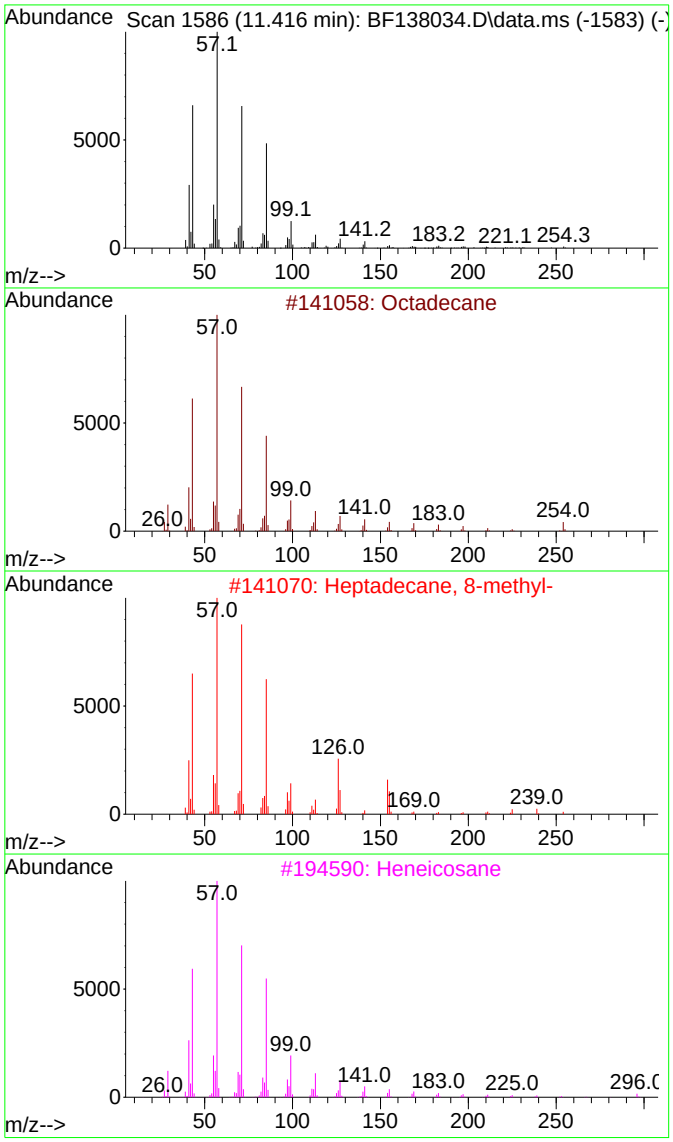
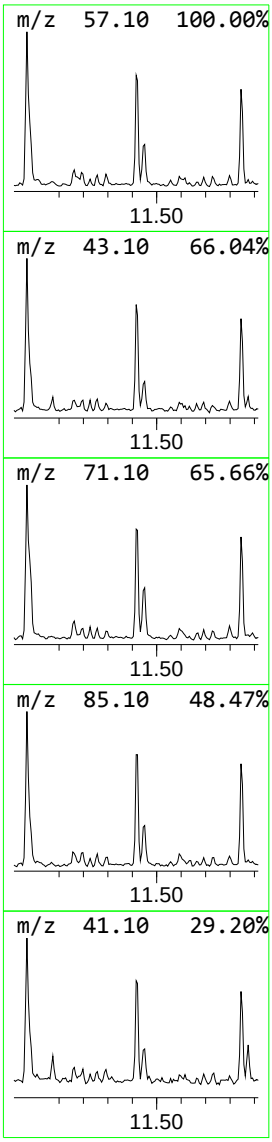
Peak Number 7 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.416	7.35 ng	292397	Phenanthrene-d10	11.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Pentadecane	212	C15H32	000629-62-9	87
5	Hexadecane	226	C16H34	000544-76-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138034.D
Acq On : 23 May 2024 18:31
Operator : CG\JU
Sample : P2580-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-052224

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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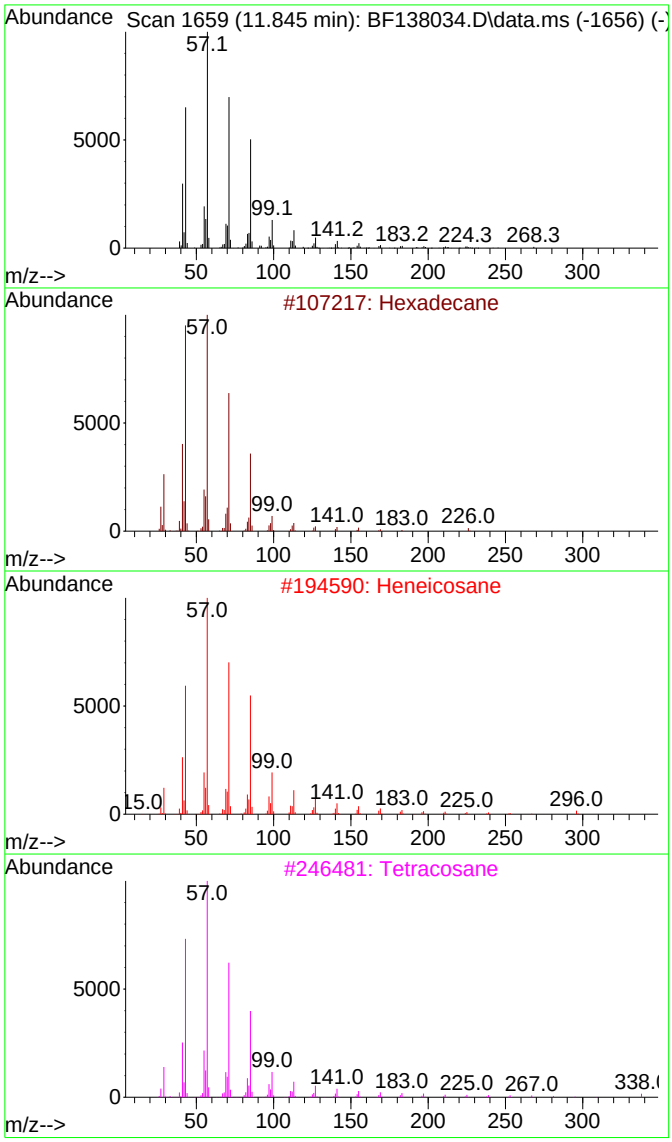
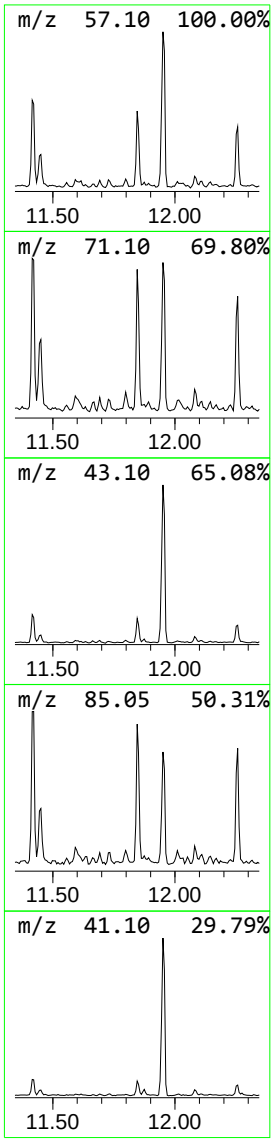
Peak Number 8 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	6.28 ng	249968	Phenanthrene-d10	11.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138034.D
Acq On : 23 May 2024 18:31
Operator : CG\JU
Sample : P2580-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-052224

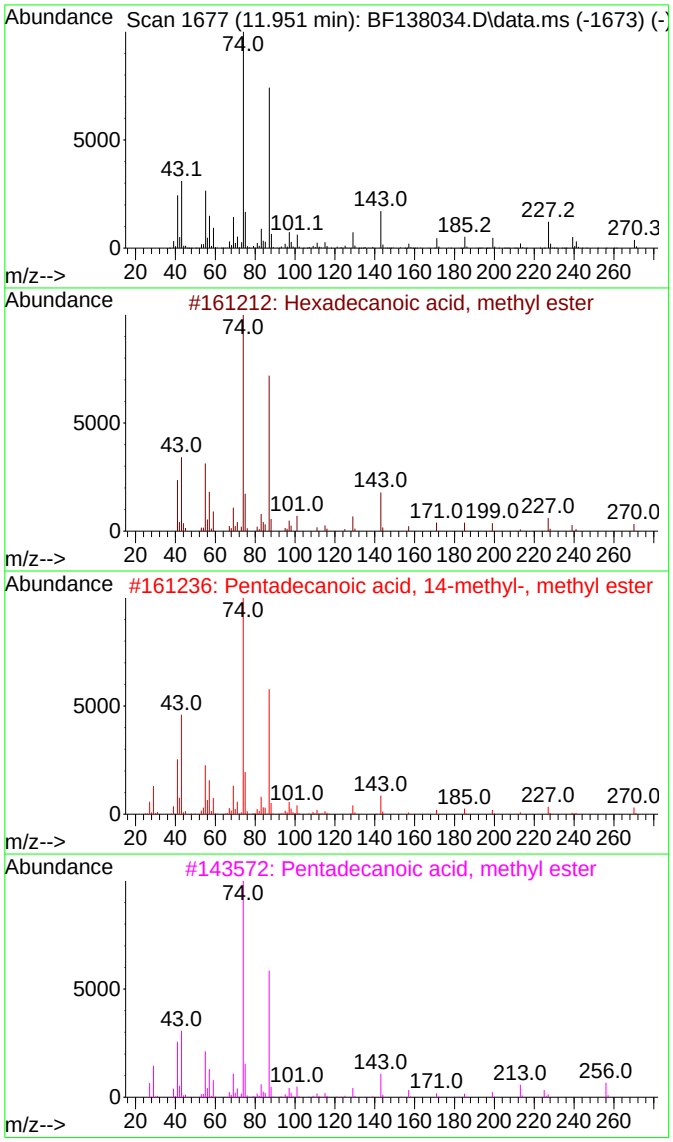
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

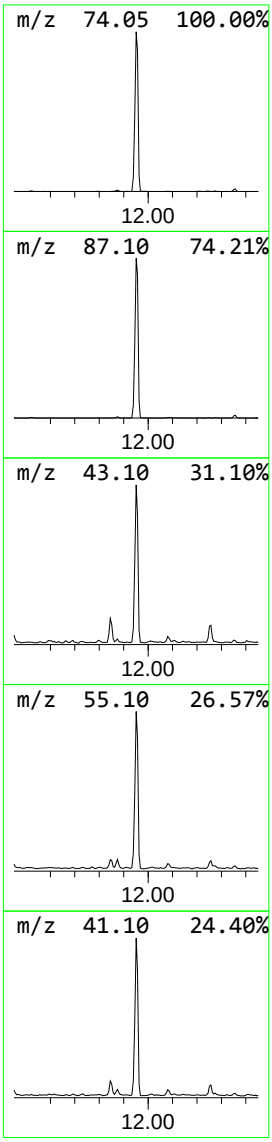
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	97.02 ng	3859820	Phenanthrene-d10	11.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	93
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	83





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Acq On : 23 May 2024 18:31
Operator : CG\JU
Sample : P2580-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-052224

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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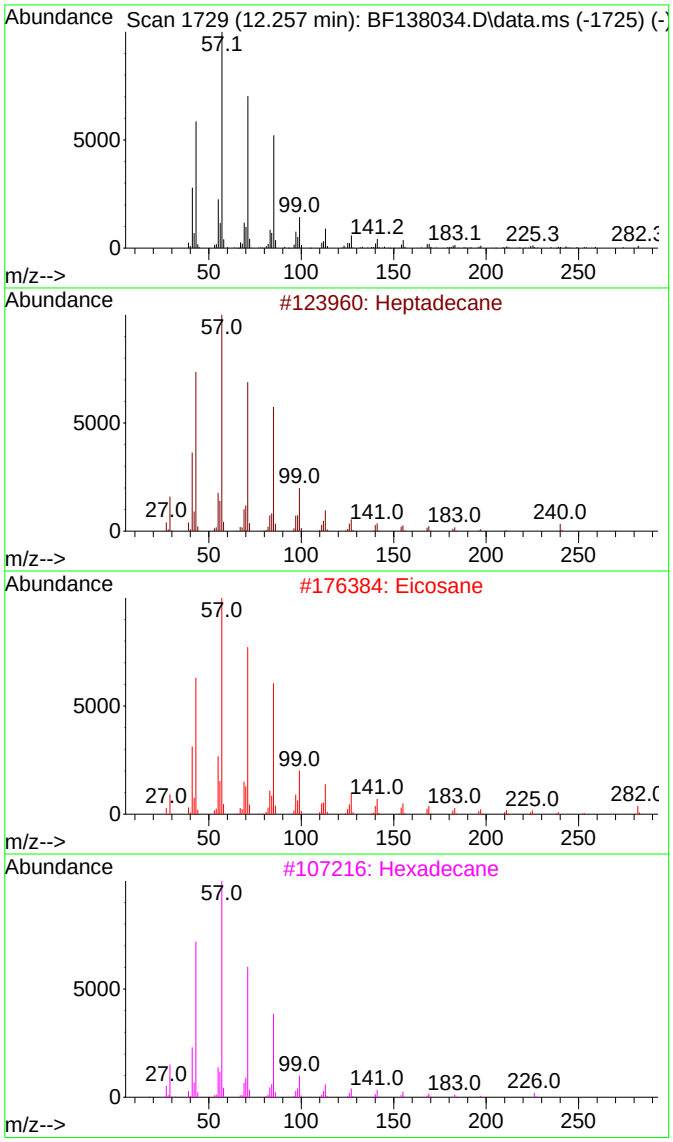
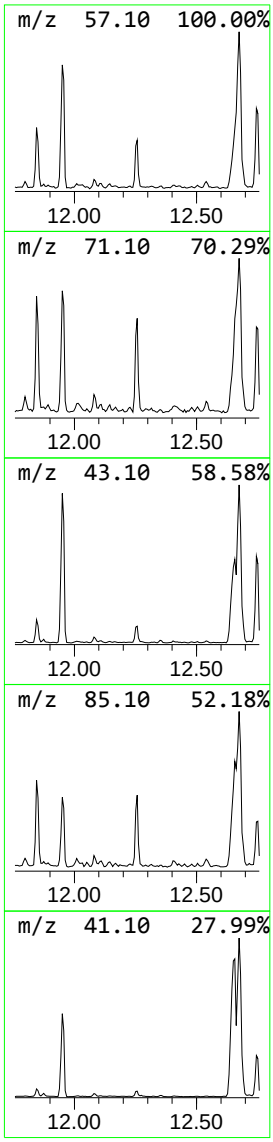
Peak Number 10 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.257	5.56 ng	221099	Phenanthrene-d10	11.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Eicosane	282	C20H42	000112-95-8	97
3	Hexadecane	226	C16H34	000544-76-3	96
4	Heneicosane	296	C21H44	000629-94-7	91
5	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	91





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-052224

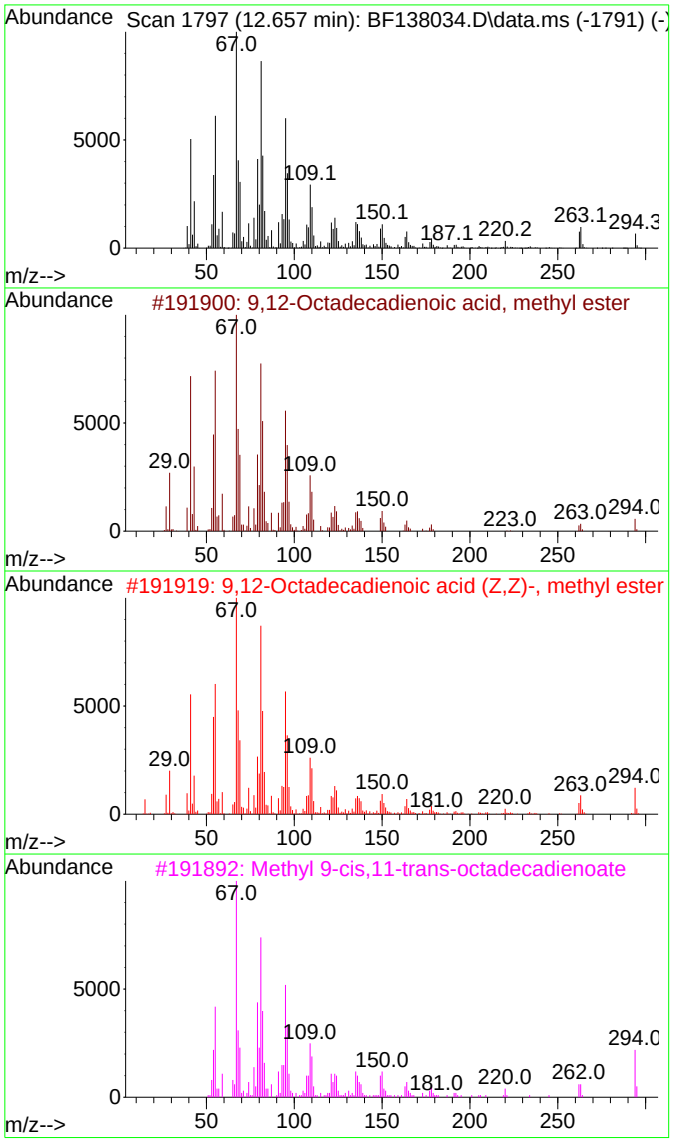
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

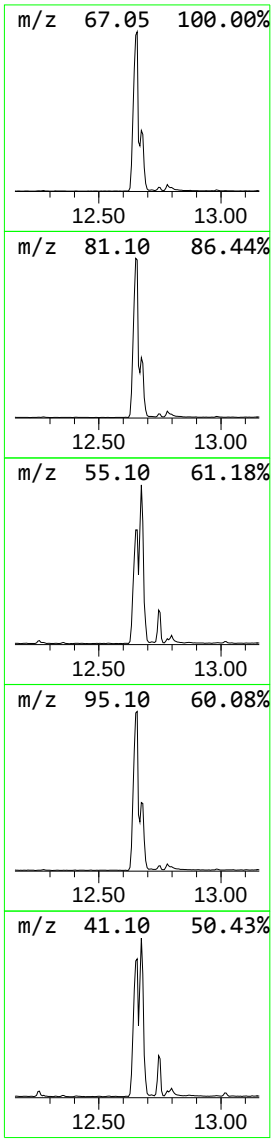
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.657	270.70 ng	10769400	Phenanthrene-d10	11.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99





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Acq On : 23 May 2024 18:31
Operator : CG\JU
Sample : P2580-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-052224

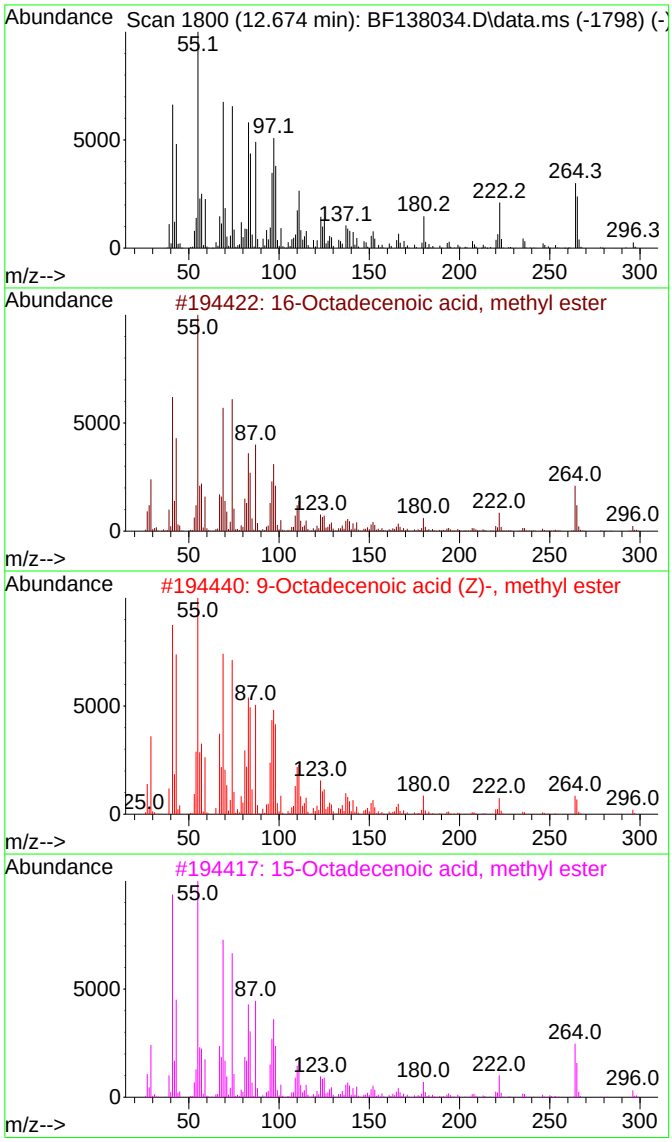
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

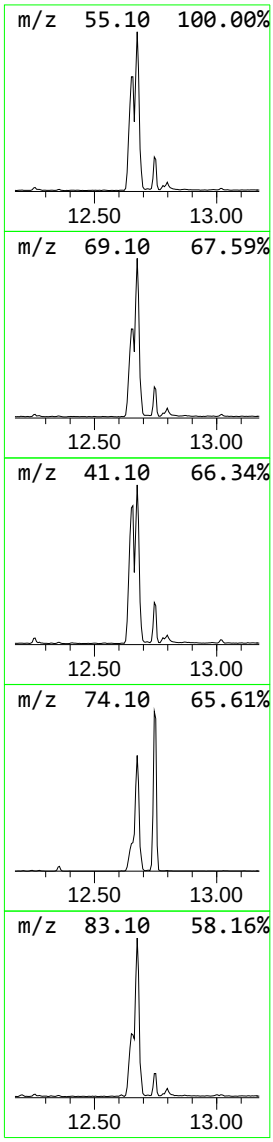
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 16-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.674	220.78 ng	8783460	Phenanthrene-d10	11.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	96
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	93
4	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	91
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	91





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Acq On : 23 May 2024 18:31
Operator : CG\JU
Sample : P2580-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-052224

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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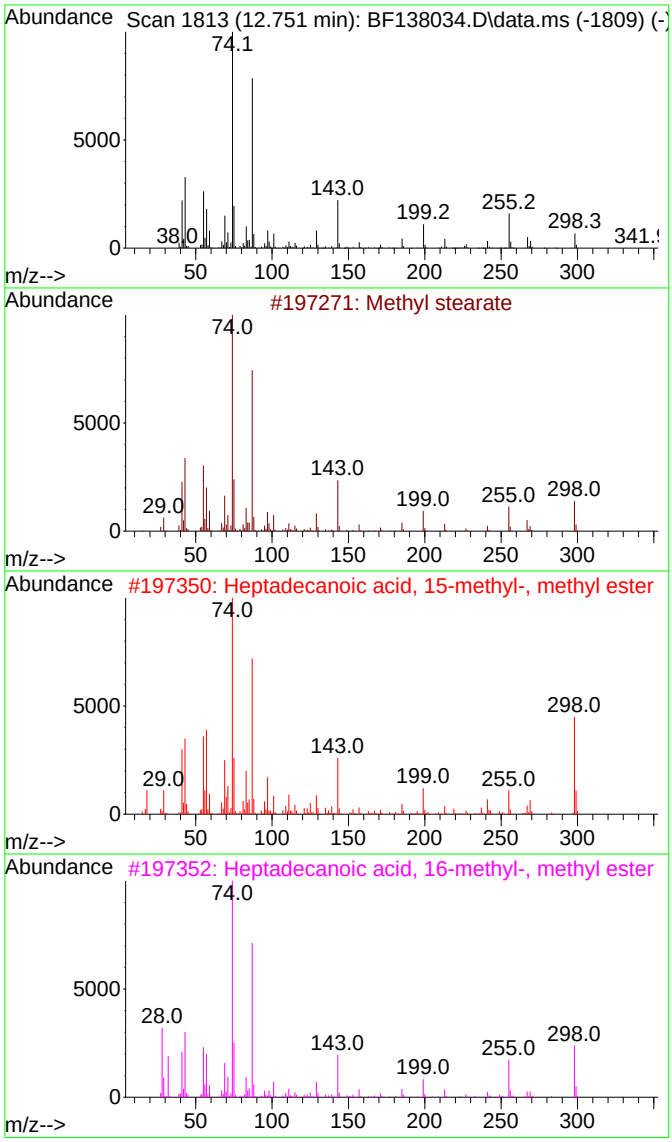
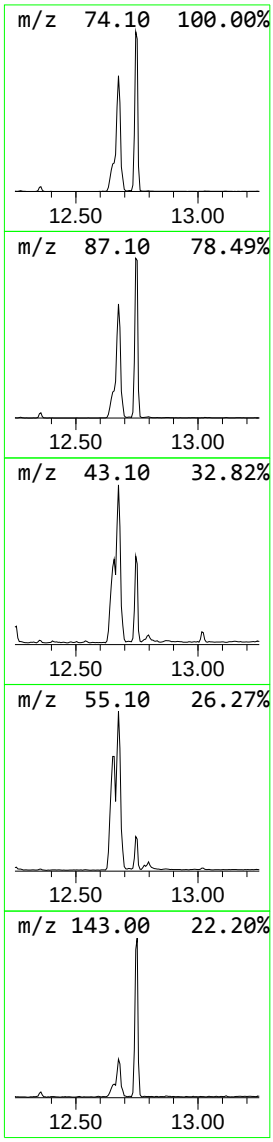
Peak Number 13 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.751	52.41 ng	2084980	Phenanthrene-d10	11.574

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	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87





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Acq On : 23 May 2024 18:31
Operator : CG\JU
Sample : P2580-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-052224

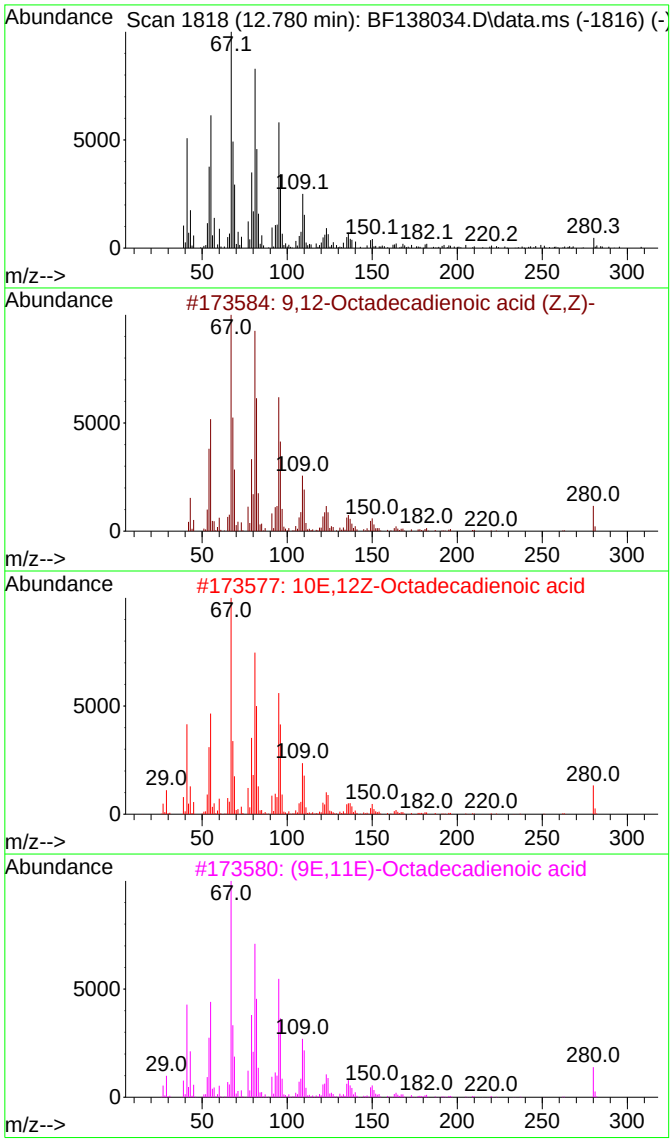
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

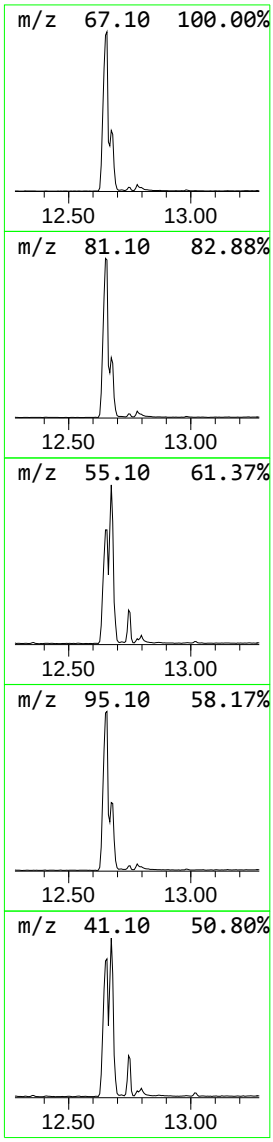
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 9,12-Octadecadienoic acid (... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	4.70 ng	186911	Phenanthrene-d10	11.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	98
2	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	98
3	(9E,11E)-Octadecadienoic acid	280	C18H32O2	000544-71-8	98
4	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	87
5	3-Tetradecyne	194	C14H26	060212-32-0	83





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Acq On : 23 May 2024 18:31
Operator : CG\JU
Sample : P2580-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-052224

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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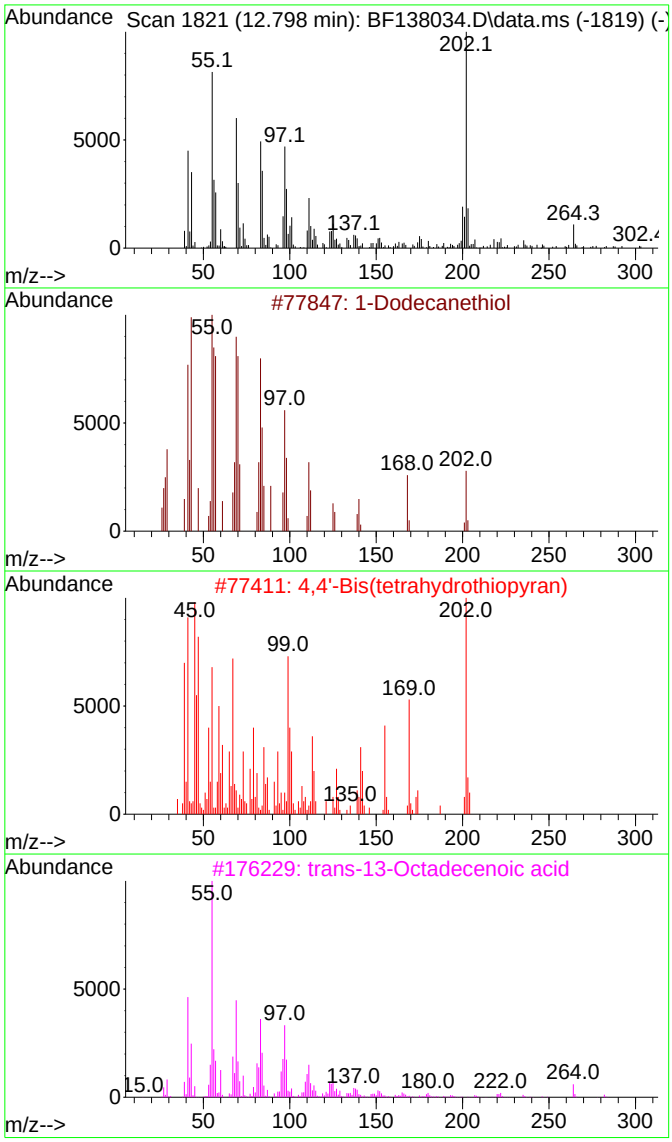
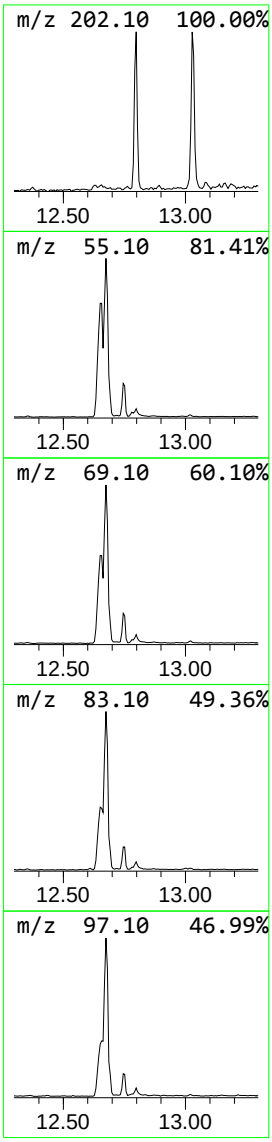
Peak Number 15 1-Dodecanethiol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.798	8.28 ng	329334	Phenanthrene-d10	11.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanethiol	202	C12H26S	000112-55-0	83
2	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	64
3	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	49
4	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	49
5	Oleic Acid	282	C18H34O2	000112-80-1	49





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Data File : BF138034.D
Acq On : 23 May 2024 18:31
Operator : CG\JU
Sample : P2580-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-052224

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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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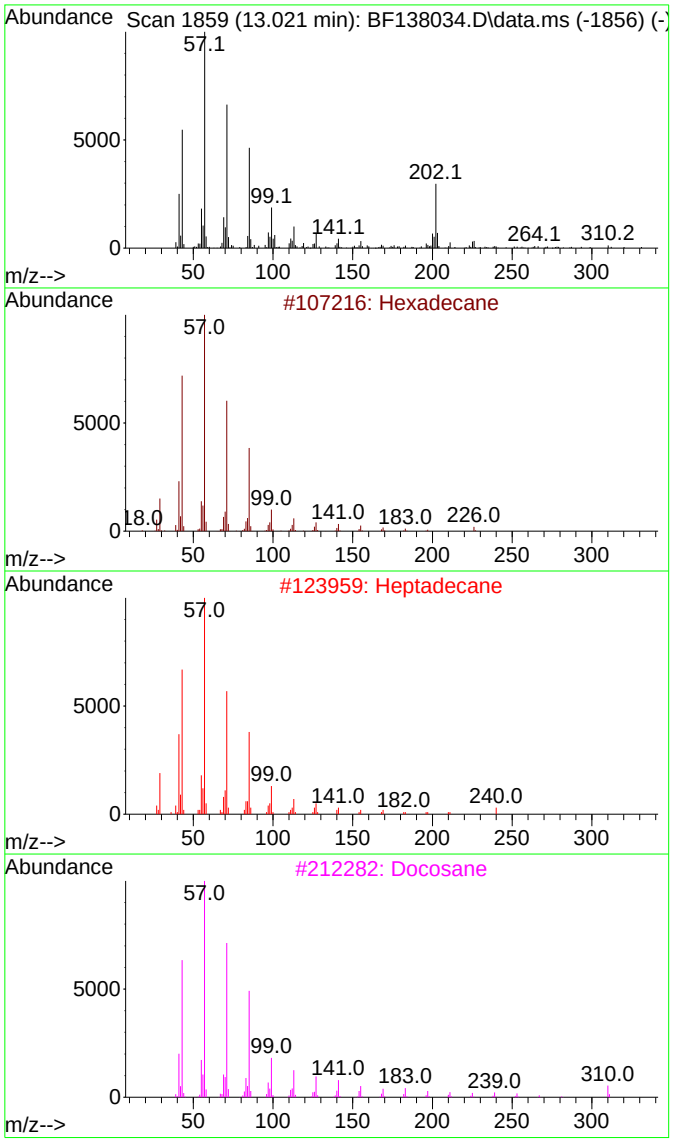
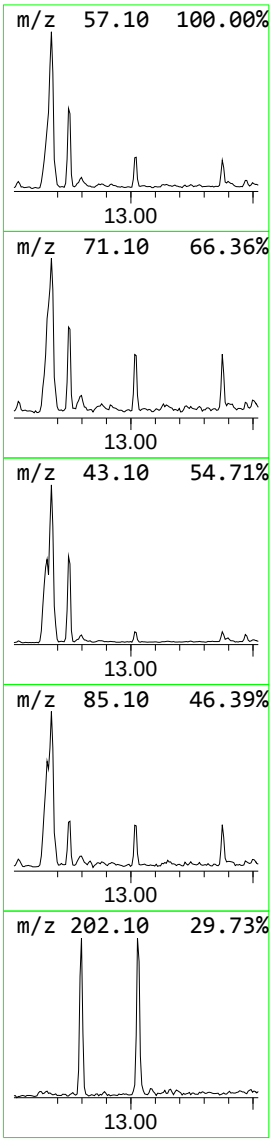
Peak Number 16 Docosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.021	6.89 ng	248931	Chrysene-d12	14.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Heptadecane	240	C17H36	000629-78-7	93
3	Docosane	310	C22H46	000629-97-0	89
4	Heneicosane	296	C21H44	000629-94-7	76
5	Octacosane	394	C28H58	000630-02-4	76





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Acq On : 23 May 2024 18:31
Operator : CG\JU
Sample : P2580-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-052224

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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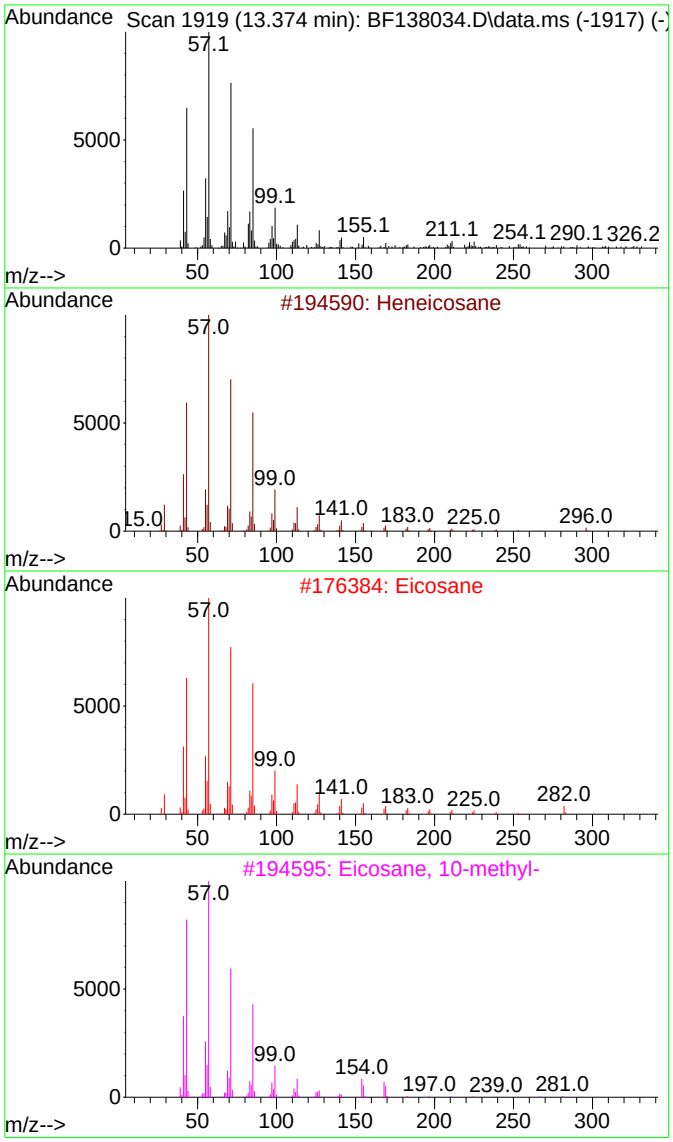
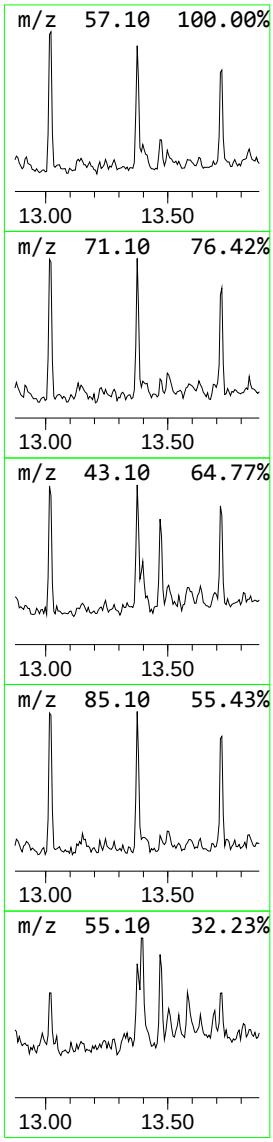
Peak Number 17 Eicosane, 10-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.374	4.05 ng	146233	Chrysene-d12	14.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Eicosane	282	C20H42	000112-95-8	95
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	94
5	Hexadecane	226	C16H34	000544-76-3	91





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Acq On : 23 May 2024 18:31
Operator : CG\JU
Sample : P2580-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-052224

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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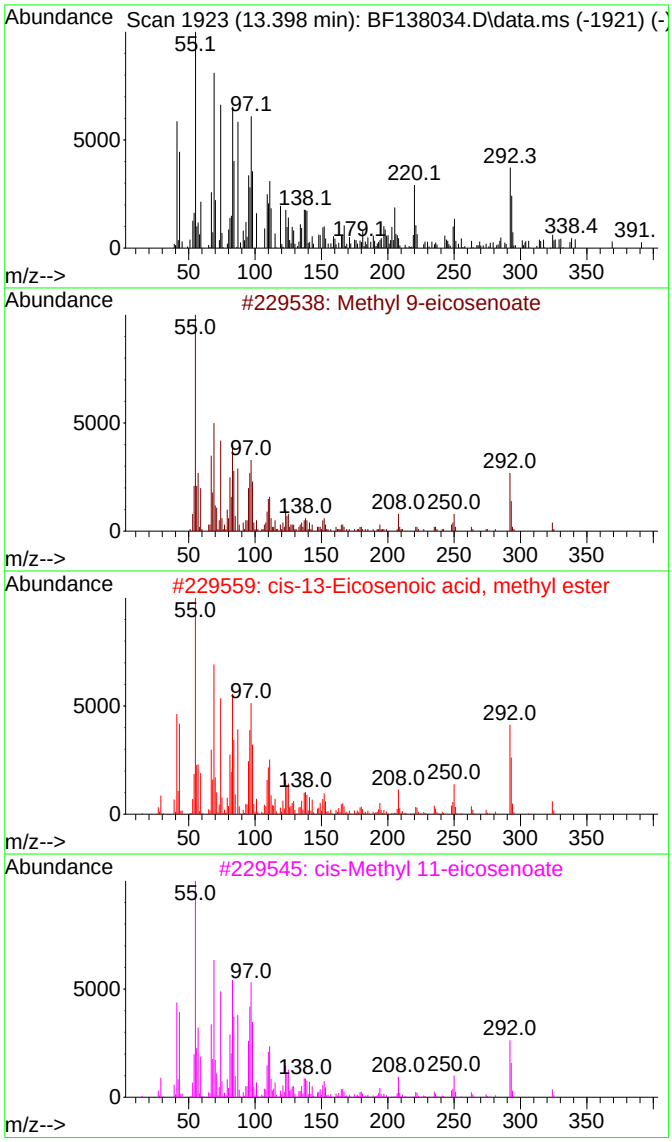
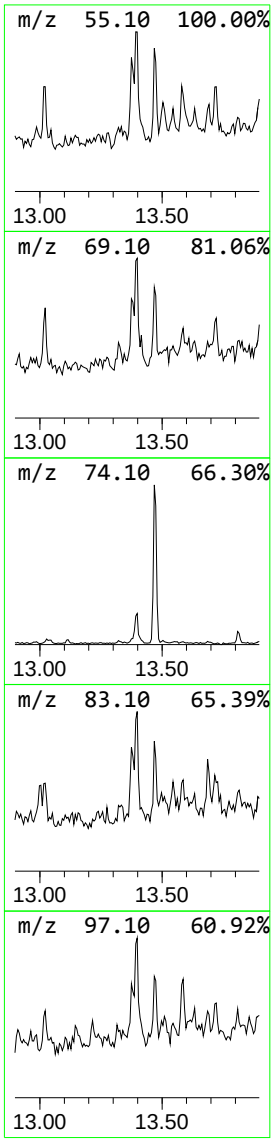
Peak Number 18 Methyl 9-eicosenoate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.398	5.52 ng	199436	Chrysene-d12	14.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9-eicosenoate	324	C21H40O2	1000336-50-5	78
2	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	069120-02-1	64
3	cis-Methyl 11-eicosenoate	324	C21H40O2	002390-09-2	60
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	60
5	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	53





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Sample : P2580-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-052224

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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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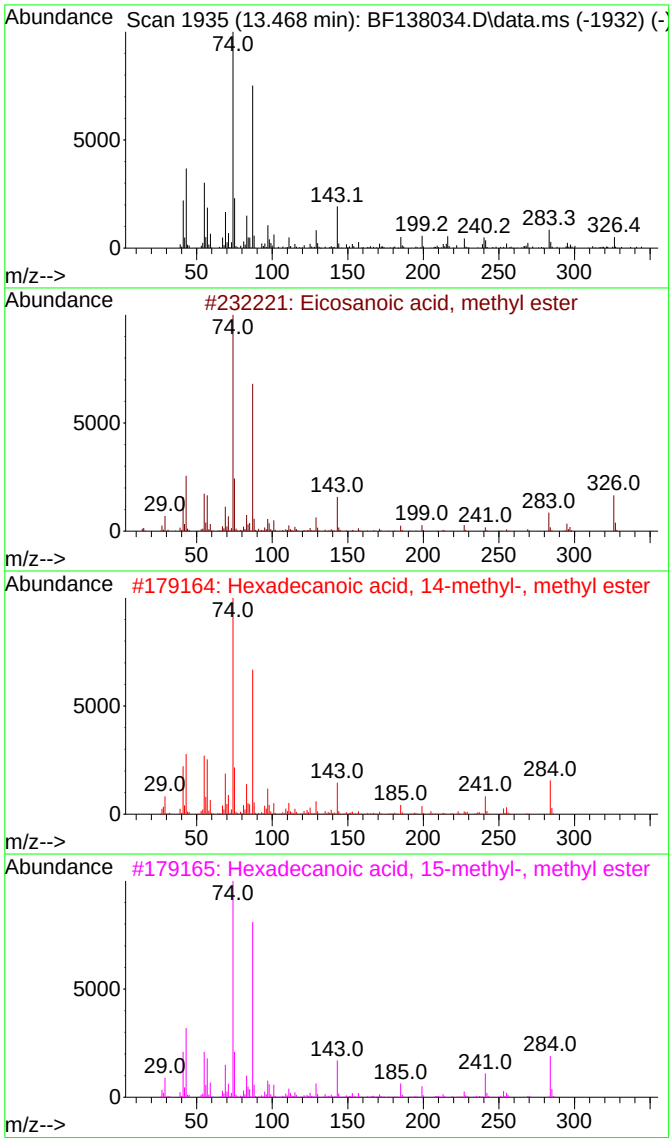
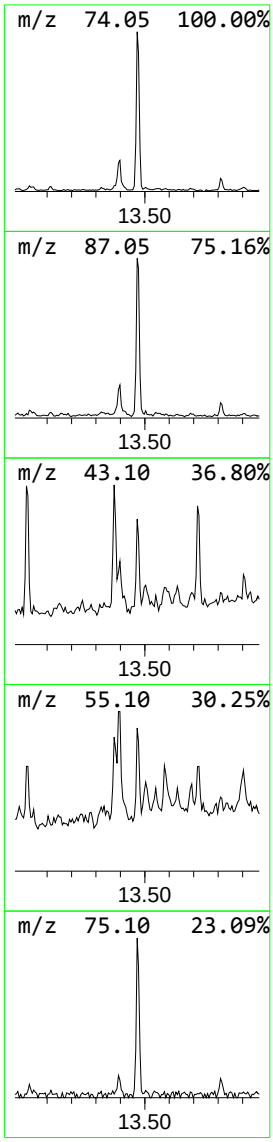
Peak Number 19 Eicosanoic acid, methyl ester Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.468	4.80 ng	173461	Chrysene-d12	14.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	95
2	Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	93
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	93
4	Methyl stearate	298	C19H38O2	000112-61-8	93
5	Methyl 18-methylnonadecanoate	326	C21H42O2	1000424-52-4	93





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Acq On : 23 May 2024 18:31
Operator : CG\JU
Sample : P2580-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-052224

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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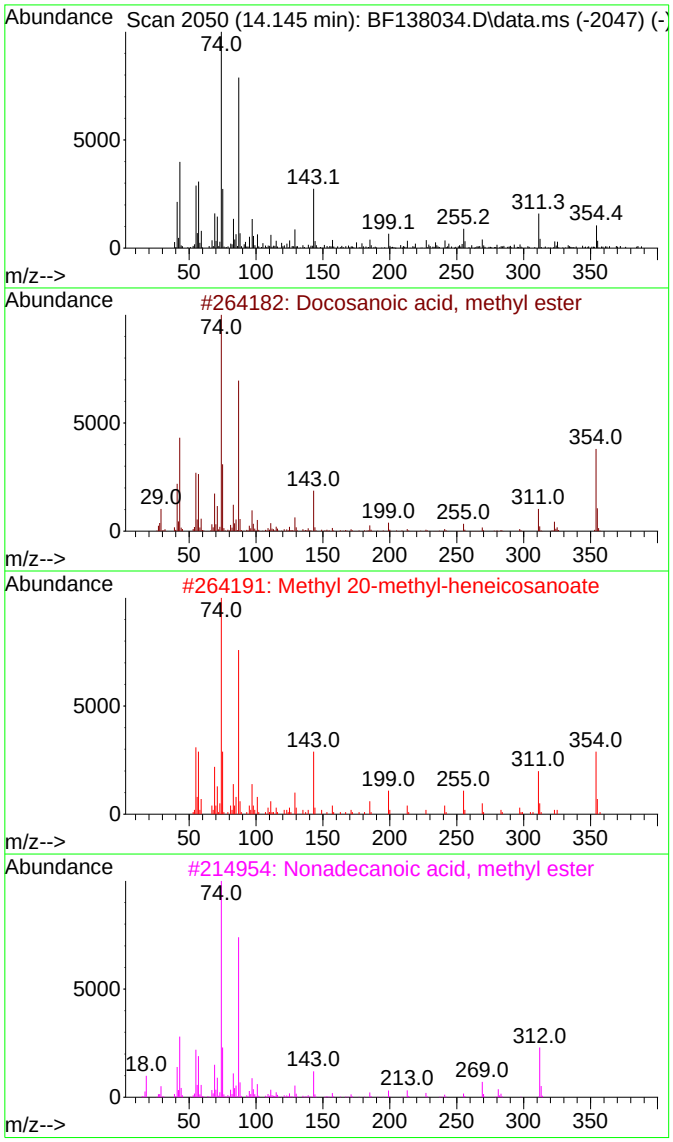
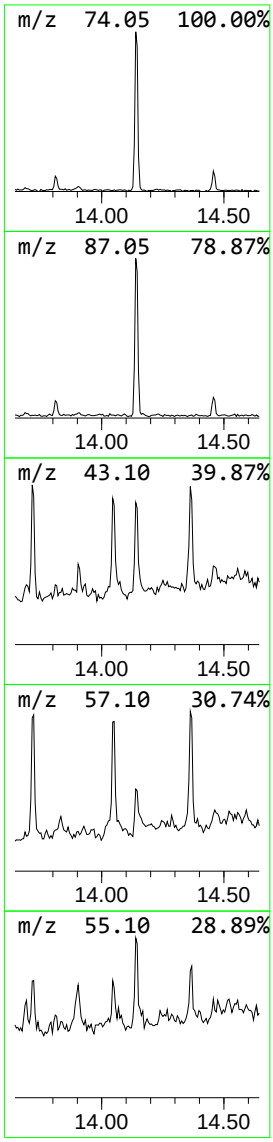
Peak Number 20 Docosanoic acid, methyl ester Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.145	5.54 ng	200163	Chrysene-d12	14.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	99
2	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	98
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	95
4	Octadecanoic acid, 10-methyl-, m...	312	C20H40O2	002490-19-9	87
5	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138034.D
Acq On : 23 May 2024 18:31
Operator : CG\JU
Sample : P2580-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-052224

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...	2.357	10.6	ng	405399	1	7.034	763553	20.0
Tetradecane	9.463	4.6	ng	208132	3	10.080	904933	20.0
Hexadecane	9.992	6.4	ng	290399	3	10.080	904933	20.0
Pentadecane	10.492	7.6	ng	344717	3	10.080	904933	20.0
3-Methyl-4-(met...	10.716	4.4	ng	200196	3	10.080	904933	20.0
Heptadecane	10.969	12.4	ng	491940	4	11.574	795669	20.0
Octadecane	11.416	7.3	ng	292397	4	11.574	795669	20.0
Heneicosane	11.845	6.3	ng	249968	4	11.574	795669	20.0
Hexadecanoic ac...	11.951	97.0	ng	3859820	4	11.574	795669	20.0
Eicosane	12.257	5.6	ng	221099	4	11.574	795669	20.0
9,12-Octadecadi...	12.657	270.7	ng	10769400	4	11.574	795669	20.0
16-Octadecenoic...	12.674	220.8	ng	8783460	4	11.574	795669	20.0
Methyl stearate	12.751	52.4	ng	2084980	4	11.574	795669	20.0
9,12-Octadecadi...	12.780	4.7	ng	186911	4	11.574	795669	20.0
1-Dodecanethiol	12.798	8.3	ng	329334	4	11.574	795669	20.0
Docosane	13.021	6.9	ng	248931	5	14.227	722734	20.0
Eicosane, 10-me...	13.374	4.0	ng	146233	5	14.227	722734	20.0
Methyl 9-eicose...	13.398	5.5	ng	199436	5	14.227	722734	20.0
Eicosanoic acid...	13.468	4.8	ng	173461	5	14.227	722734	20.0
Docosanoic acid...	14.145	5.5	ng	200163	5	14.227	722734	20.0