LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133370.D
Acq On : 12 May 2023 15:34
Operator : CG\JU
Sample : 02753-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-3-051123

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-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133370.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.251	363	368	375	rBV	518200	666369	2.73%	0.743%
2	4.904	473	479	489	rVB	2027438	2619968	10.72%	2.920%
3	5.334	548	552	555	rBV	3910146	3577075	14.64%	3.986%
4	6.363	722	727	730	rBV	3928289	3627312	14.84%	4.042%
5	6.716	784	787	795	rBV	1389411	1096485	4.49%	1.222%
6	7.281	879	883	886	rBV	2574170	2271482	9.29%	2.531%
7	8.004	1000	1006	1009	rBV	1689405	1599362	6.54%	1.782%
8	8.598	1104	1107	1110	rBV	296751	244759	1.00%	0.273%
9	9.080	1185	1189	1192	rBV	4532589	4036415	16.52%	4.498%
10	9.163	1198	1203	1207	rBV	461912	414133	1.69%	0.462%
11	9.480	1252	1257	1259	rBV3	213867	246250	1.01%	0.274%
12	9.692	1290	1293	1297	rVB	639471	472406	1.93%	0.526%
13	9.751	1300	1303	1306	rVB	2029153	1592520	6.52%	1.775%
14	10.192	1374	1378	1380	rBV	709943	550552	2.25%	0.614%
15	10.410	1409	1415	1421	rBV	297769	414486	1.70%	0.462%
16	10.463	1421	1424	1427	rVB	546349	446396	1.83%	0.497%
17	10.539	1433	1437	1440	rBV	2569180	2315062	9.47%	2.580%
18	10.663	1455	1458	1465	rBV	825386	921371	3.77%	1.027%
19	11.110	1531	1534	1537	rBV	757526	587550	2.40%	0.655%
20	11.139	1537	1539	1546	rVB	321652	310152	1.27%	0.346%
21	11.233	1552	1555	1557	rBV	1768185	1402812	5.74%	1.563%
22	11.257	1557	1559	1562	rVV	576014	435464	1.78%	0.485%
23	11.539	1604	1607	1609	rBV	561331	500170	2.05%	0.557%
24	11.645	1620	1625	1628	rBV	8368128	9155201	37.46%	10.203%
25	11.786	1643	1649	1655	rBV2	1570846	1950487	7.98%	2.174%
26	11.945	1671	1676	1681	rVV2	544191	603615	2.47%	0.673%
27	12.351	1736	1745	1747	rBV2	9014538	24438010	100.00%	27.234%
28	12.404	1752	1754	1756	rVV2	509388	407220	1.67%	0.454%
29	12.439	1756	1760	1763	rVV2	5631500	5947797	24.34%	6.628%
30	12.480	1763	1767	1769	rVV	3287315	4695623	19.21%	5.233%
31	12.498	1769	1770	1777	rVV2	2928236	2435574	9.97%	2.714%
32	12.568	1779	1782	1787	rVB	521364	581641	2.38%	0.648%
33	12.674	1796	1800	1803	rVB	523011	556794	2.28%	0.620%
34	12.704	1803	1805	1808	rBV	314717	263914	1.08%	0.294%
35	12.827	1822	1826	1829	rBV	3831785	3277814	13.41%	3.653%
36	13.063	1863	1866	1867	rBV	311580	340953	1.40%	0.380%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133370.D
Acq On : 12 May 2023 15:34
Operator : CG\JU
Sample : 02753-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-3-051123

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-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.074	1867	1868	1872	rVB	420812	266910	1.09%	0.297%
38	13.151	1878	1881	1884	rBV	573218	503124	2.06%	0.561%
39	13.727	1977	1979	1987	rVB2	219070	300840	1.23%	0.335%
40	13.821	1992	1995	1999	rBV	554698	486801	1.99%	0.542%
41	13.868	1999	2003	2006	rVV2	1193700	1359867	5.56%	1.515%
42	14.439	2098	2100	2106	rBV4	225897	291220	1.19%	0.325%
43	14.886	2173	2176	2183	rVB	280016	504115	2.06%	0.562%
44	15.292	2241	2245	2248	rBV	864992	1018198	4.17%	1.135%

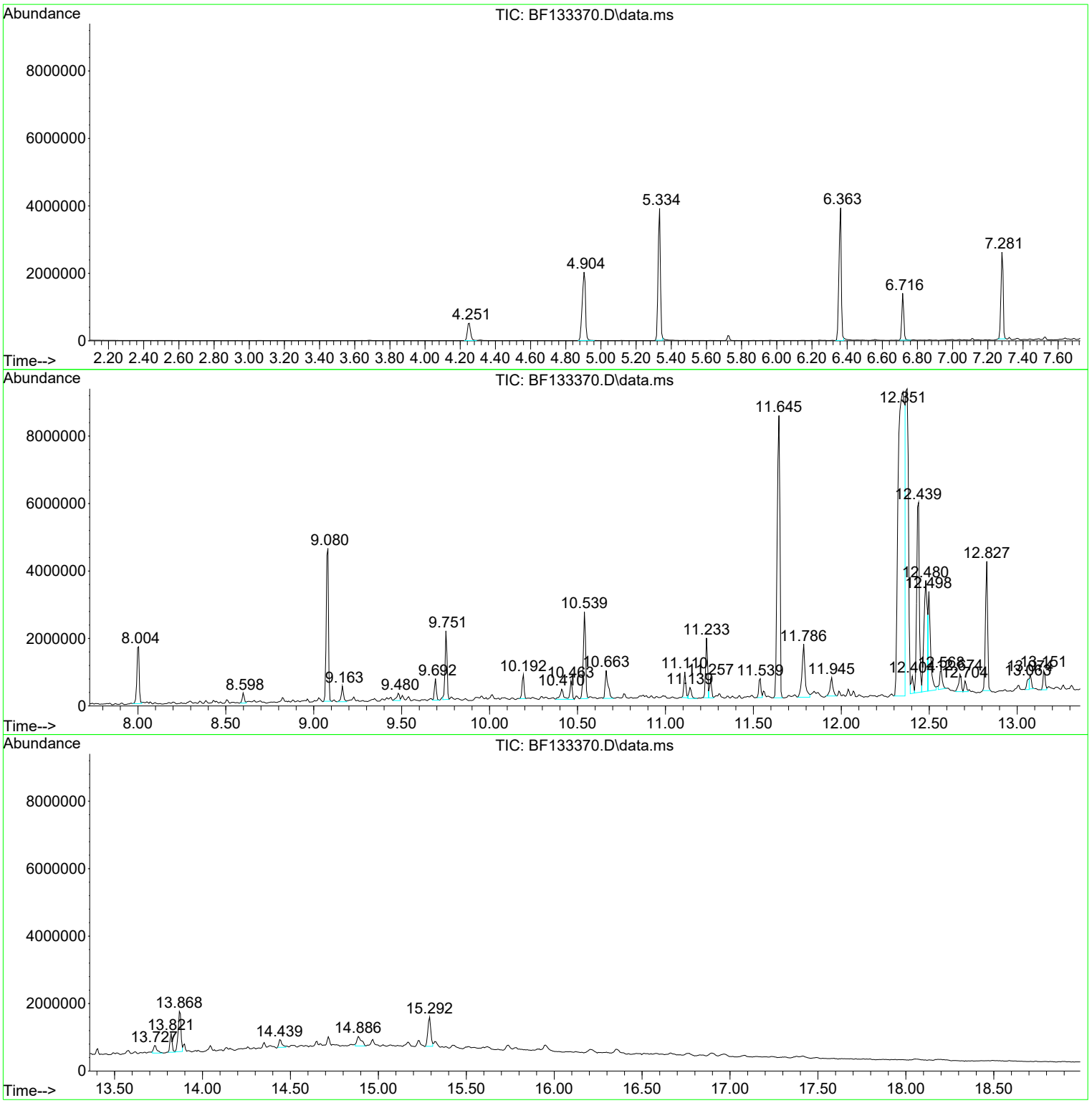
Sum of corrected areas: 89734269

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133370.D
Acq On : 12 May 2023 15:34
Operator : CG\JU
Sample : 02753-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-3-051123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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\BF051223\
Data File : BF133370.D
Acq On : 12 May 2023 15:34
Operator : CG\JU
Sample : 02753-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-3-051123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

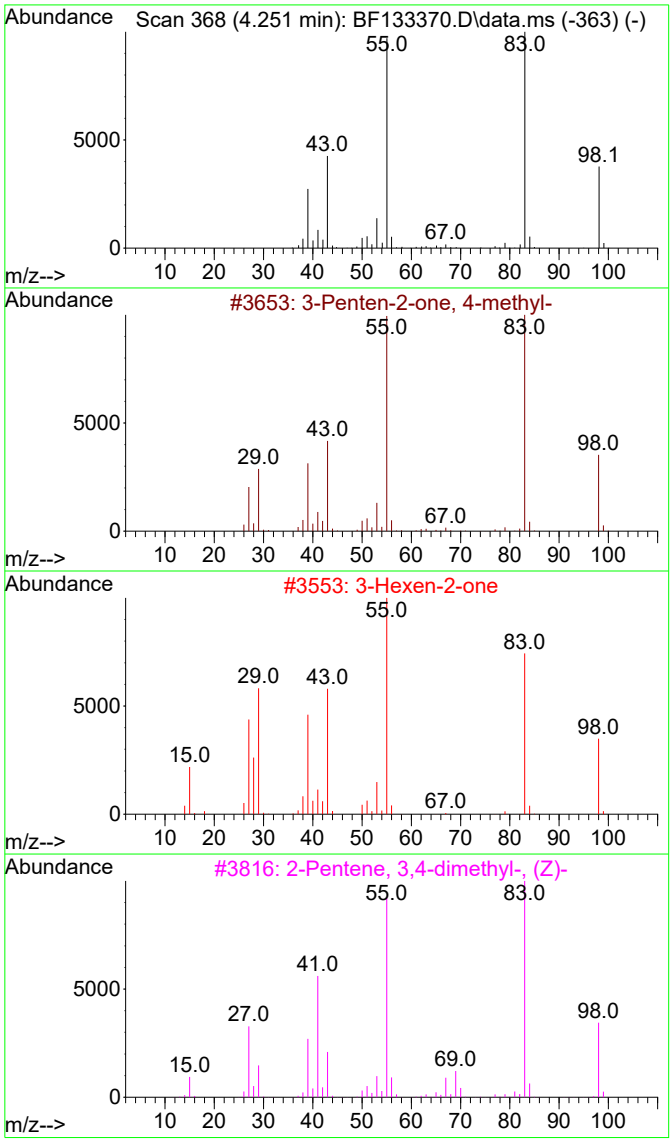
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

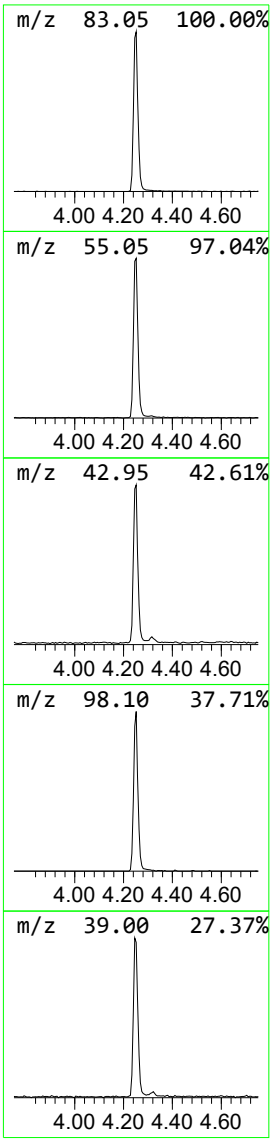
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.251	12.15 ng	666369	1,4-Dichlorobenzene-d4	6.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	83
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133370.D
Acq On : 12 May 2023 15:34
Operator : CG\JU
Sample : 02753-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-3-051123

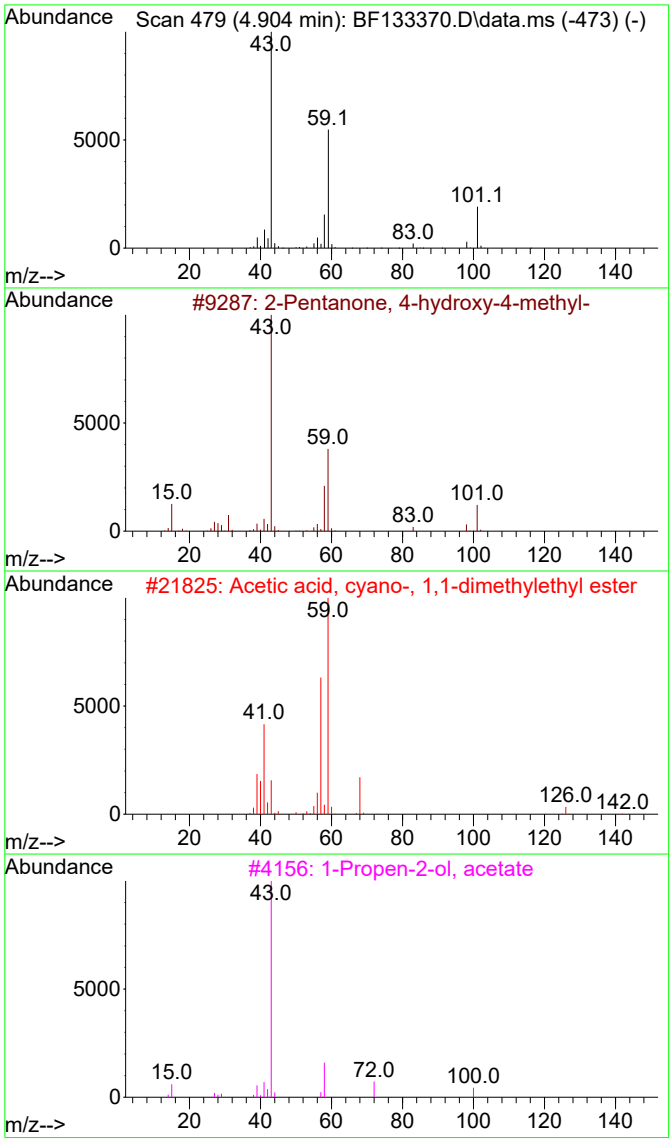
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

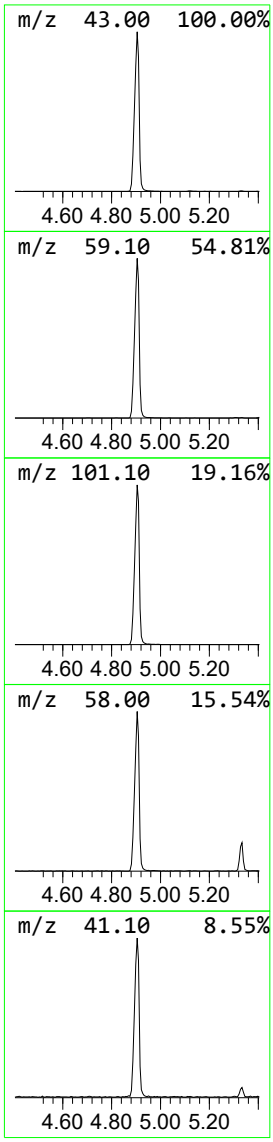
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.904	47.79 ng	2619970	1,4-Dichlorobenzene-d4	6.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133370.D
Acq On : 12 May 2023 15:34
Operator : CG\JU
Sample : 02753-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-3-051123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

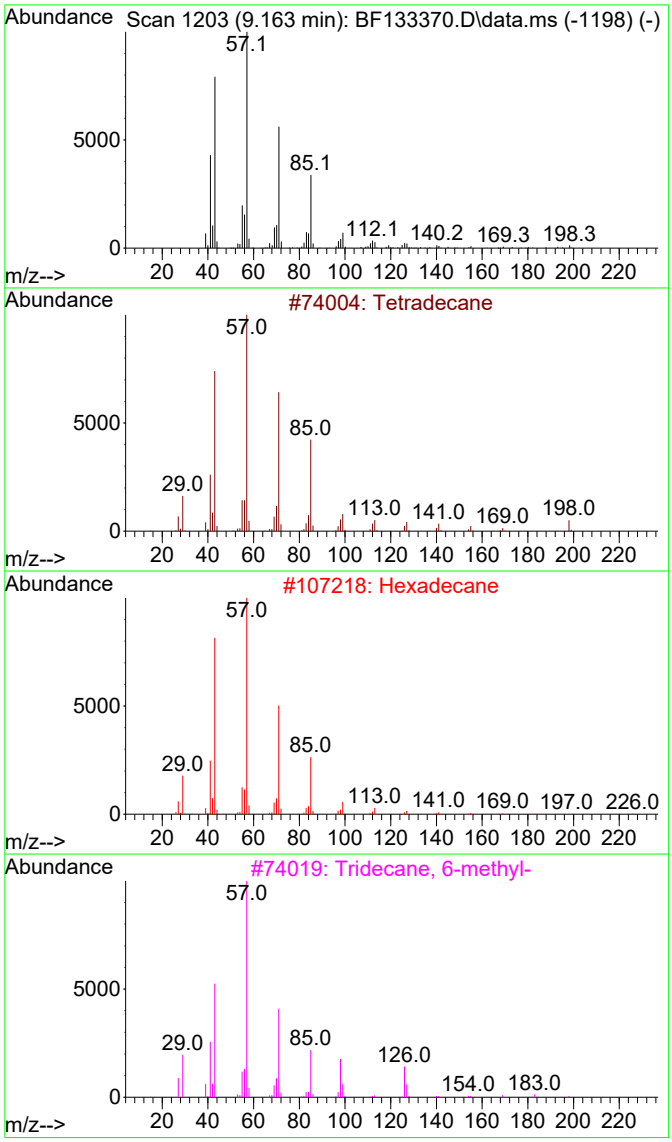
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

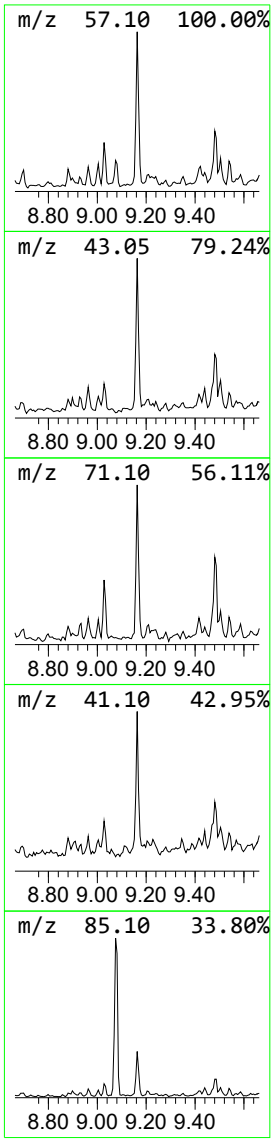
****

Peak Number 3 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.163	5.20 ng	414133	Acenaphthene-d10	9.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
5	Undecane	156	C11H24	001120-21-4	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133370.D
Acq On : 12 May 2023 15:34
Operator : CG\JU
Sample : 02753-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-3-051123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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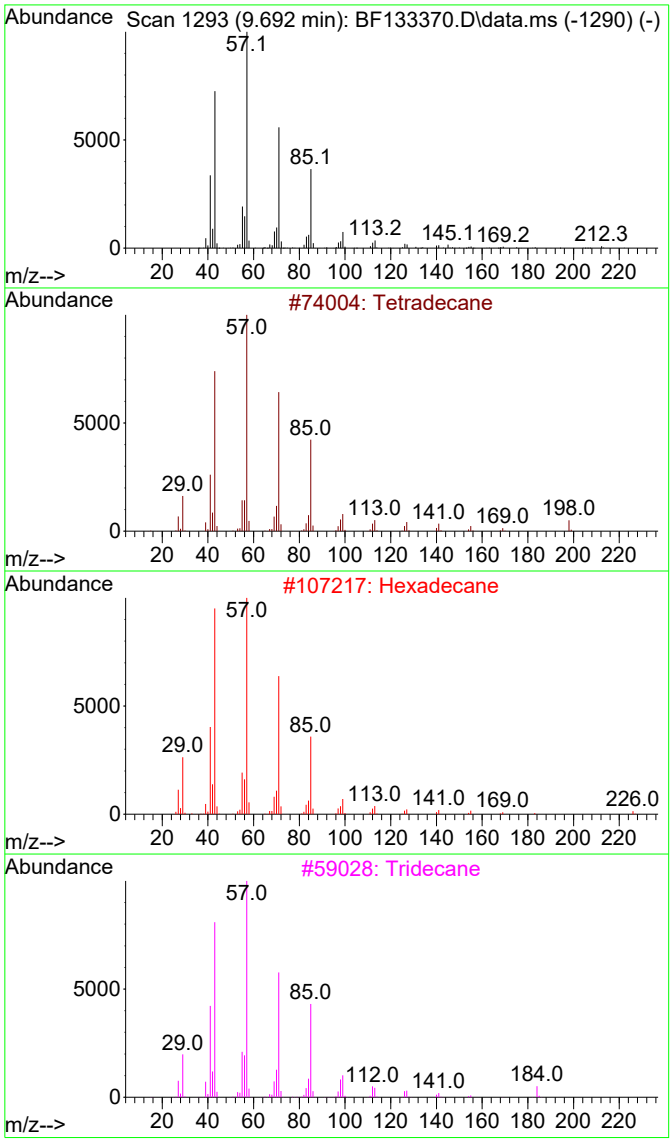
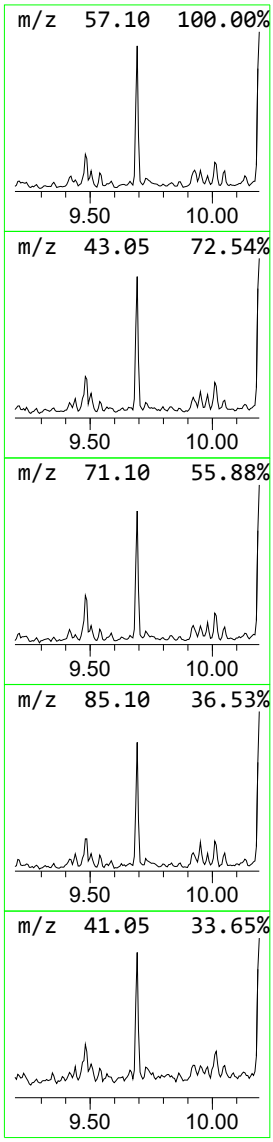
Peak Number 4 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.692	5.93 ng	472406	Acenaphthene-d10	9.751

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	Tridecane	184	C13H28	000629-50-5	90
4	9-methylheptadecane	254	C18H38	026741-18-4	80
5	Nonadecane	268	C19H40	000629-92-5	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133370.D
Acq On : 12 May 2023 15:34
Operator : CG\JU
Sample : 02753-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-3-051123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

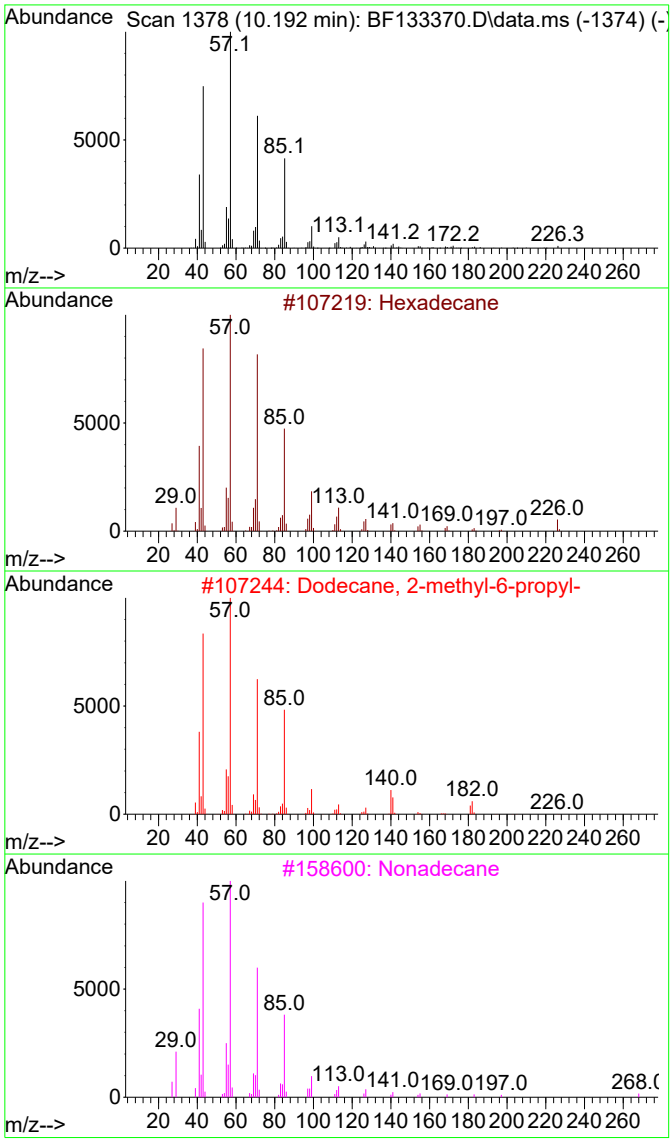
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

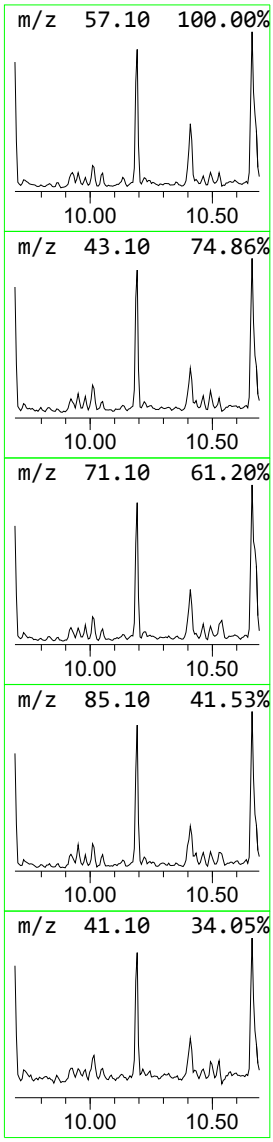
****

Peak Number 5 Dodecane, 2-methyl-6-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.192	6.91 ng	550552	Acenaphthene-d10	9.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
3	Nonadecane	268	C19H40	000629-92-5	80
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133370.D
Acq On : 12 May 2023 15:34
Operator : CG\JU
Sample : 02753-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-3-051123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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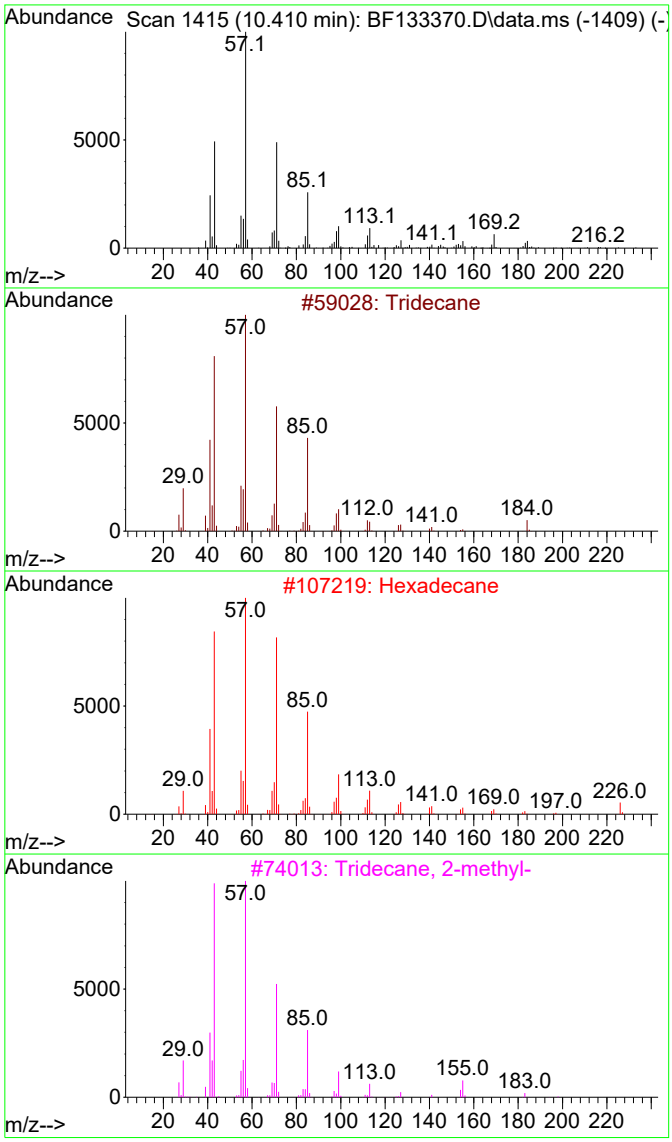
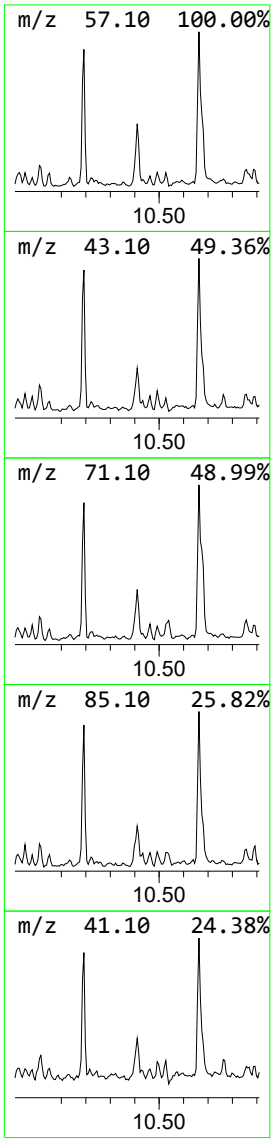
Peak Number 6 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.410	5.21 ng	414486	Acenaphthene-d10	9.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Hexadecane	226	C16H34	000544-76-3	72
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	72
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133370.D
Acq On : 12 May 2023 15:34
Operator : CG\JU
Sample : 02753-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-3-051123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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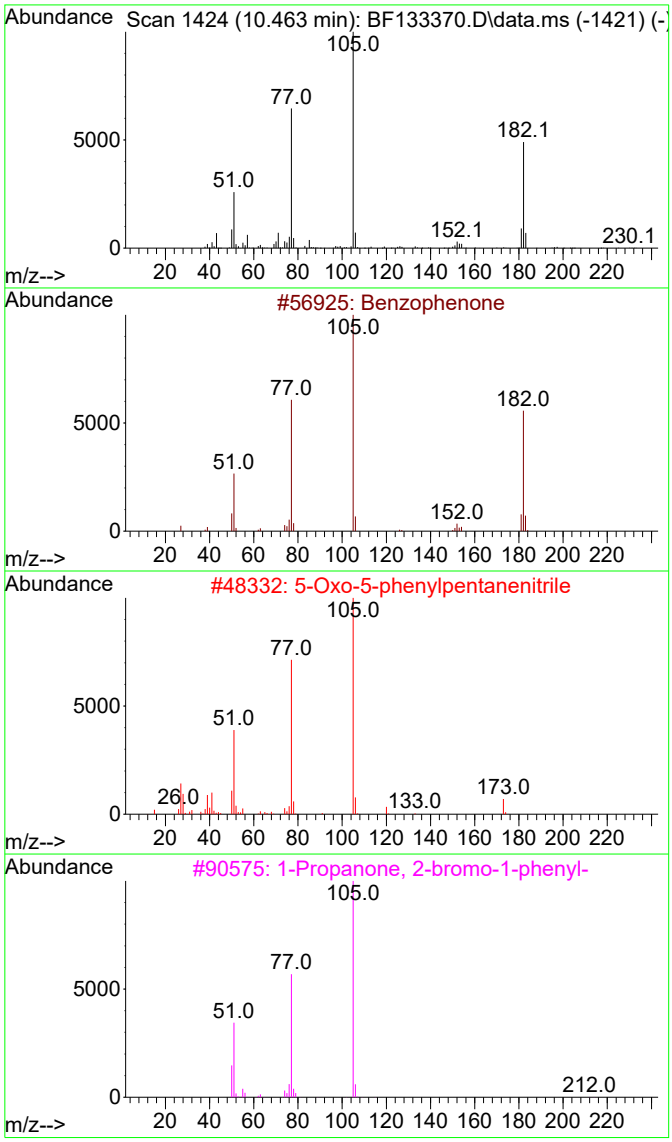
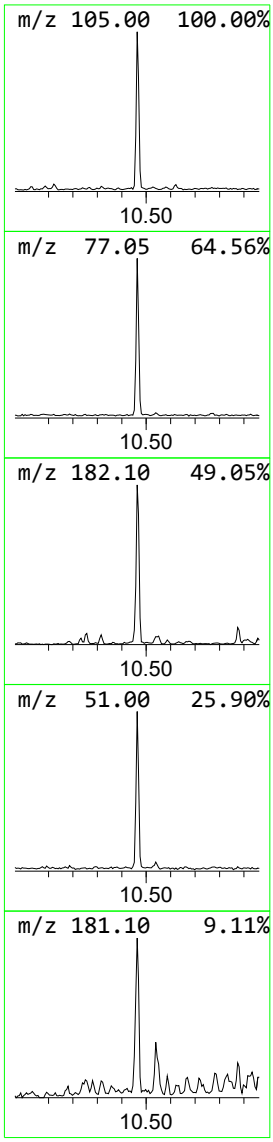
Peak Number 7 Benzophenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.463	5.61 ng	446396	Acenaphthene-d10	9.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	5-Oxo-5-phenylpentanenitrile	173	C11H11NO	1000486-83-7	49
3	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	49
4	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	47
5	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133370.D
Acq On : 12 May 2023 15:34
Operator : CG\JU
Sample : 02753-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-3-051123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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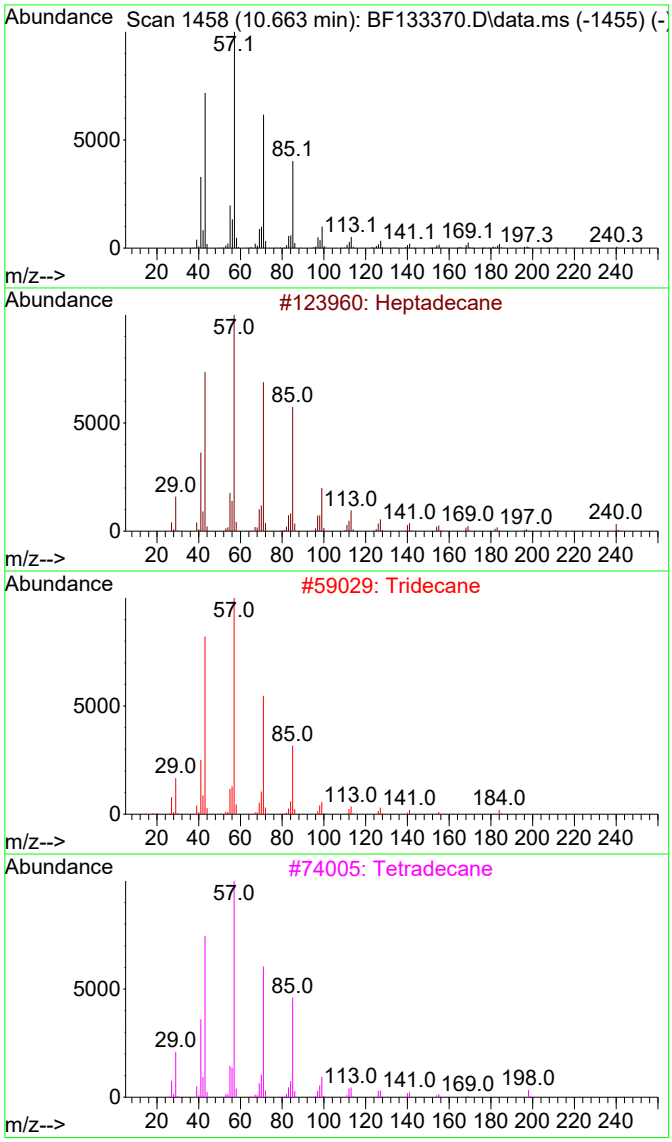
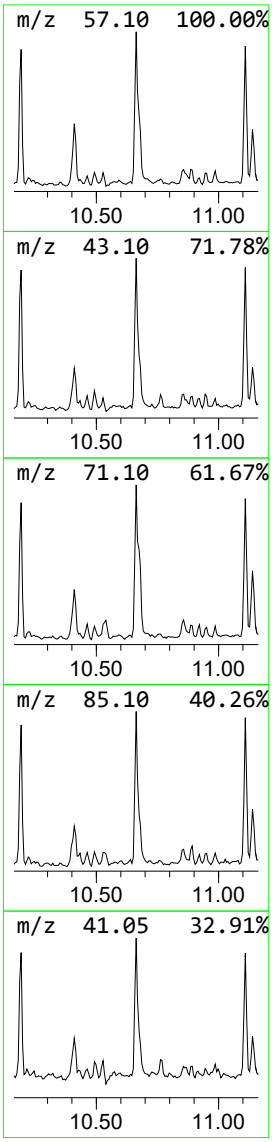
Peak Number 8 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.663	13.14 ng	921371	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Tridecane	184	C13H28	000629-50-5	96
3	Tetradecane	198	C14H30	000629-59-4	90
4	Octadecane	254	C18H38	000593-45-3	90
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133370.D
Acq On : 12 May 2023 15:34
Operator : CG\JU
Sample : 02753-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-3-051123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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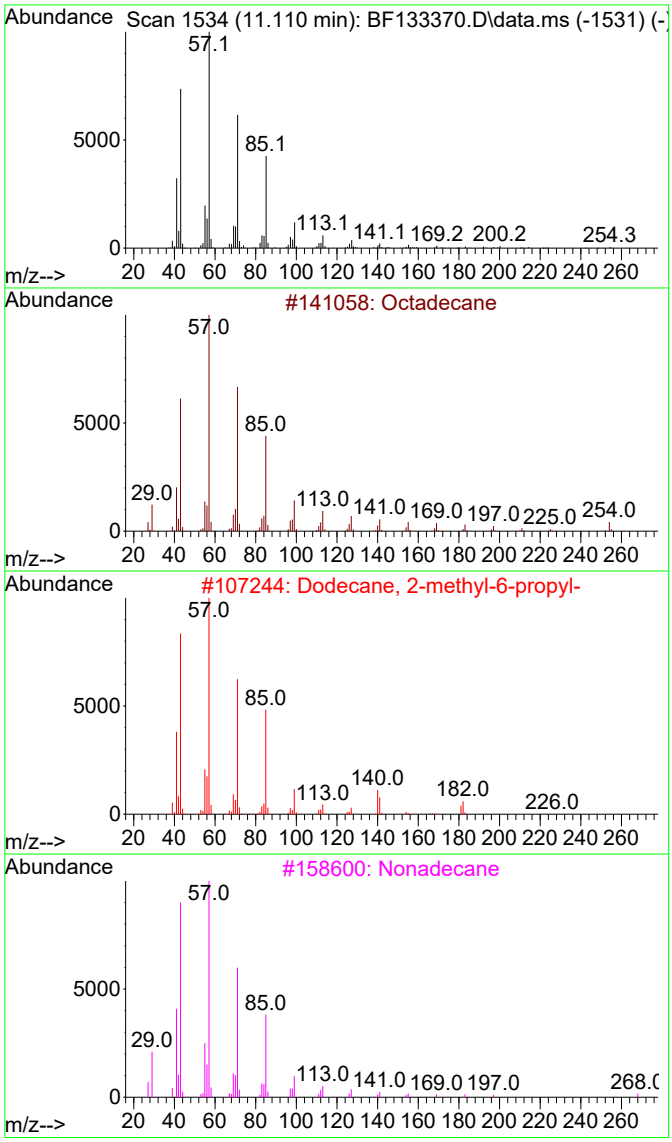
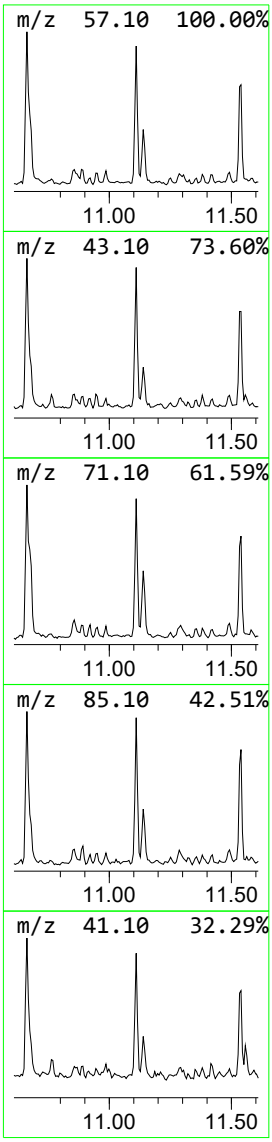
Peak Number 9 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.110	8.38 ng	587550	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Heptacosane	380	C27H56	000593-49-7	90





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Acq On : 12 May 2023 15:34
Operator : CG\JU
Sample : 02753-01
Misc :
ALS Vial : 6 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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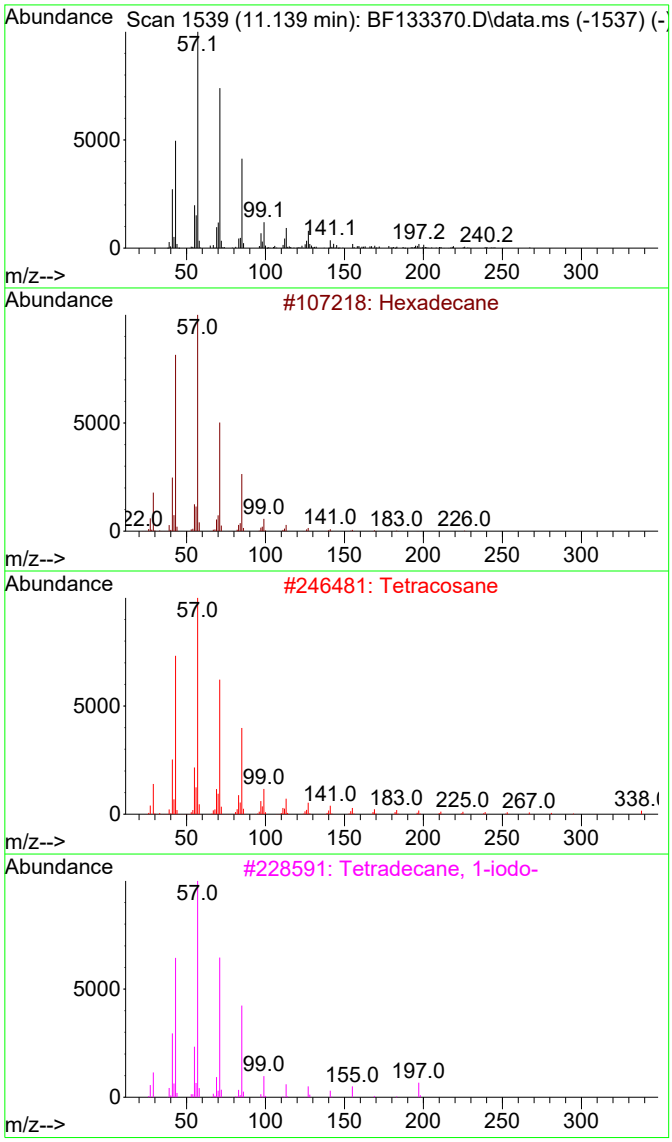
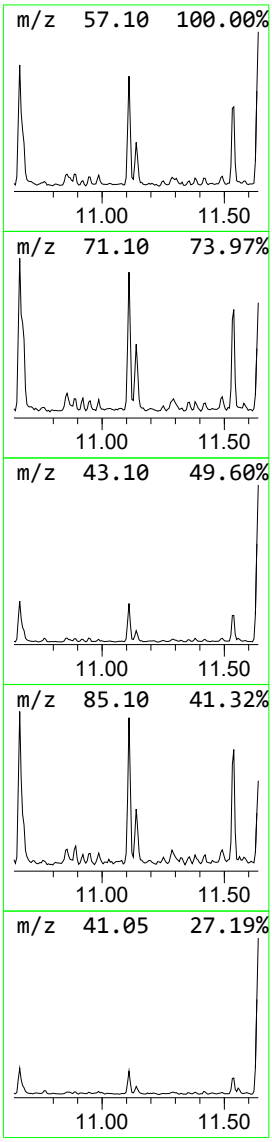
Peak Number 10 Tetracosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.139	4.42 ng	310152	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Tetracosane	338	C24H50	000646-31-1	91
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	91
4	Eicosane	282	C20H42	000112-95-8	90
5	Pentadecane	212	C15H32	000629-62-9	90





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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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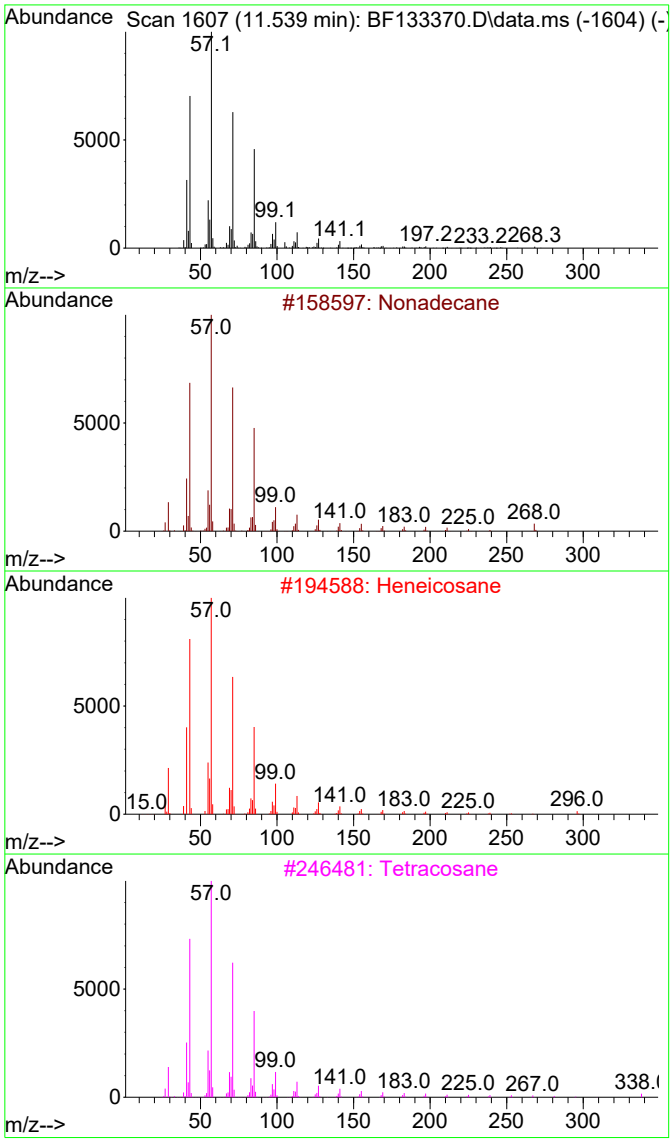
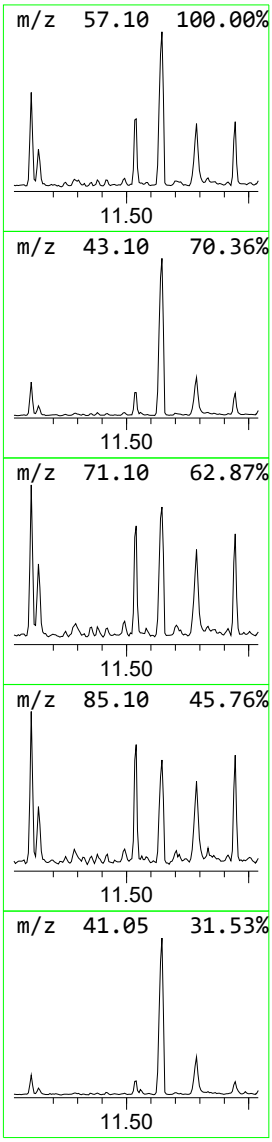
Peak Number 11 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.539	7.13 ng	500170	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	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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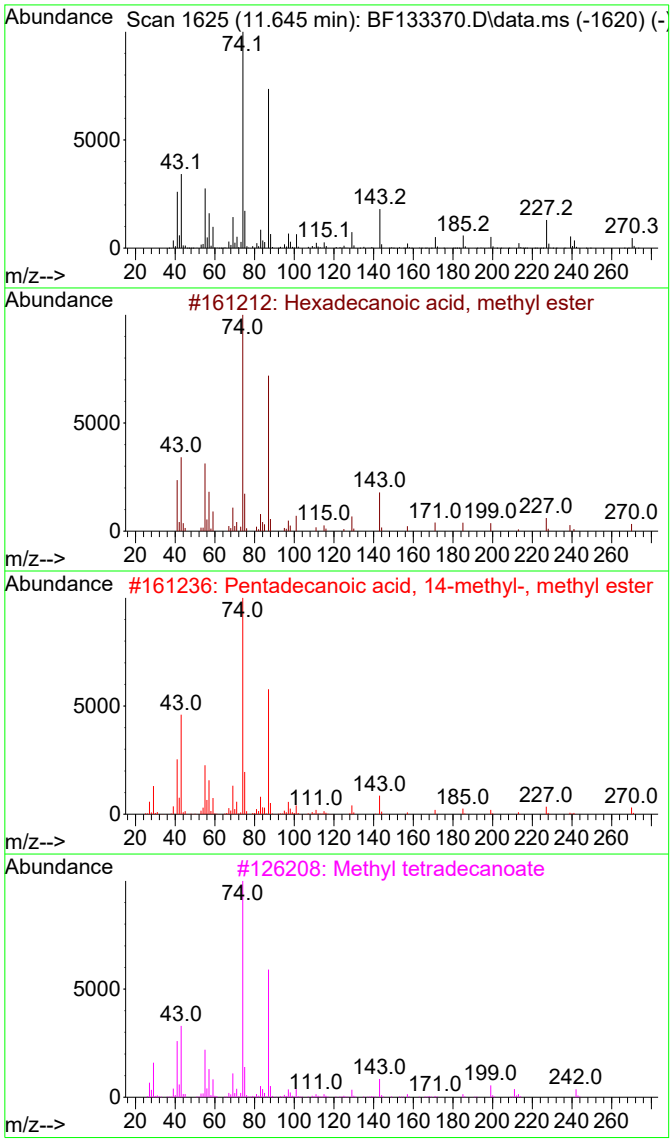
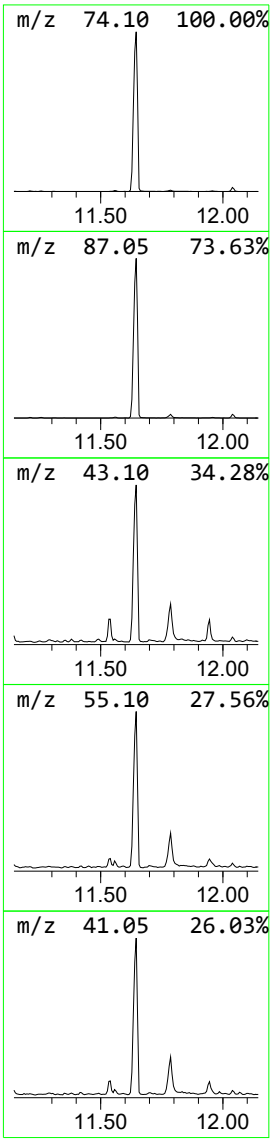
Peak Number 12 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.645	130.53 ng	9155200	Phenanthrene-d10	11.233

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	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	81





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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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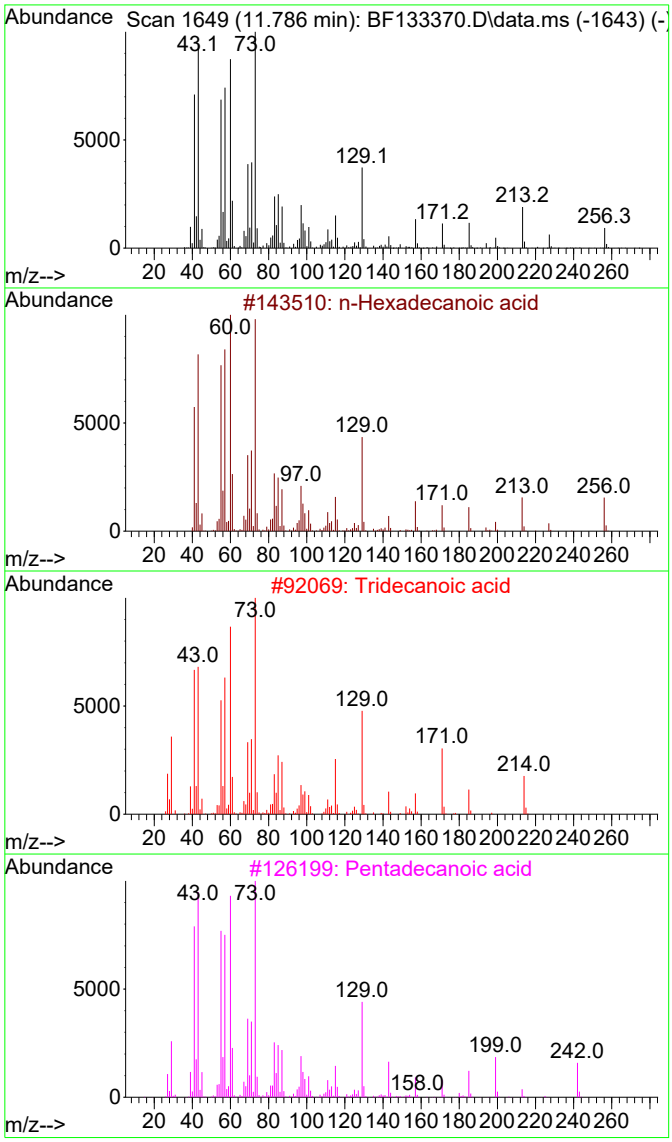
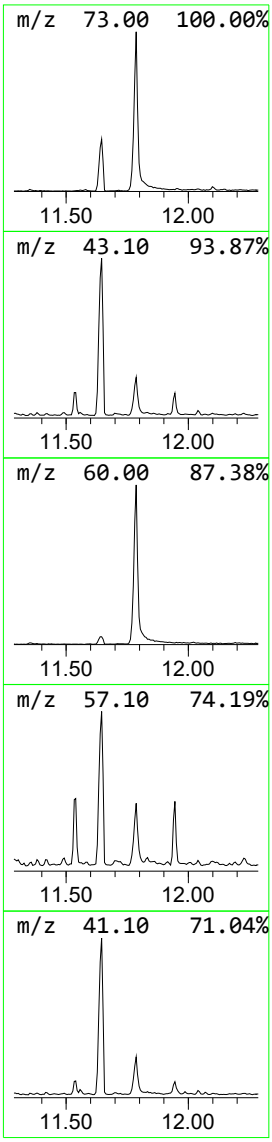
Peak Number 13 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.786	27.81 ng	1950490	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	60





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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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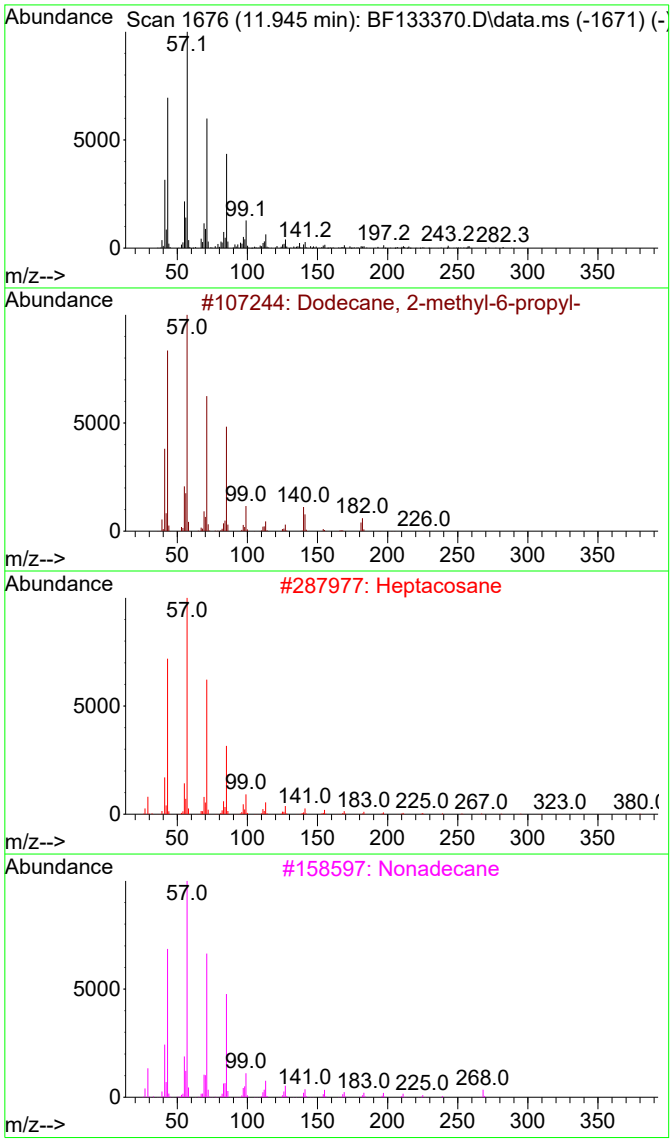
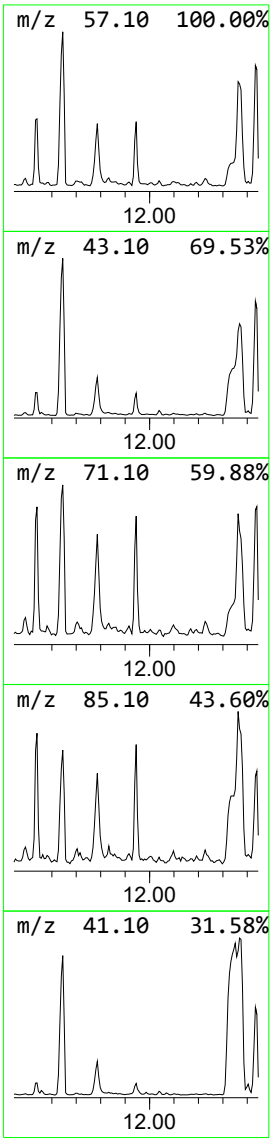
Peak Number 14 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	8.61 ng	603615	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
2	Heptacosane	380	C27H56	000593-49-7	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Heneicosane	296	C21H44	000629-94-7	91





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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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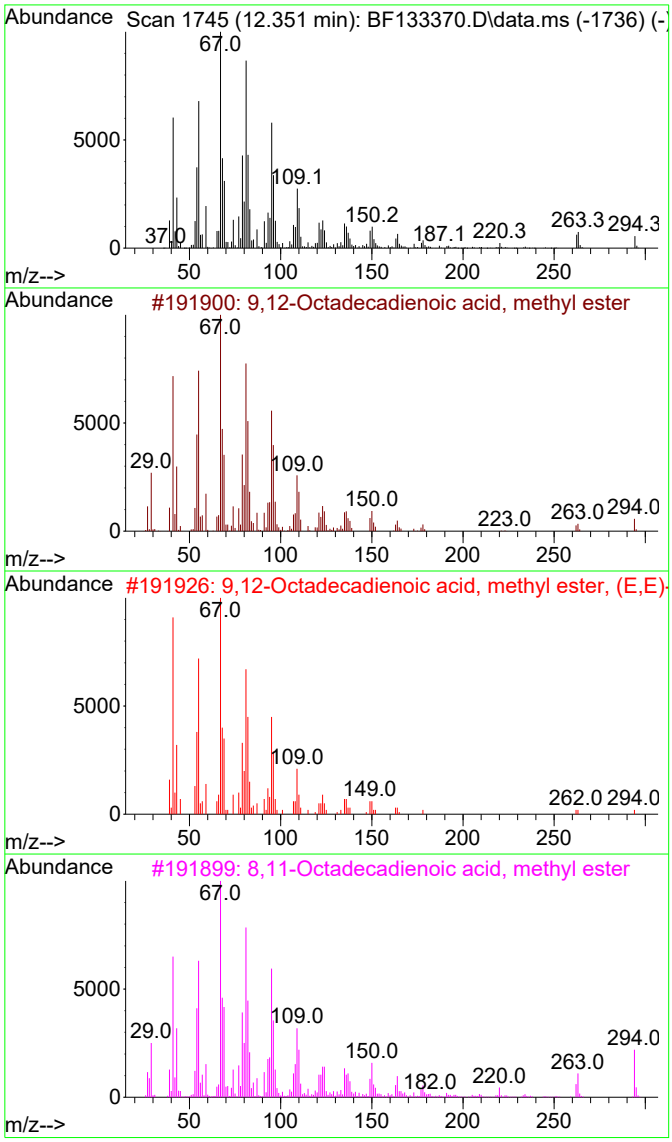
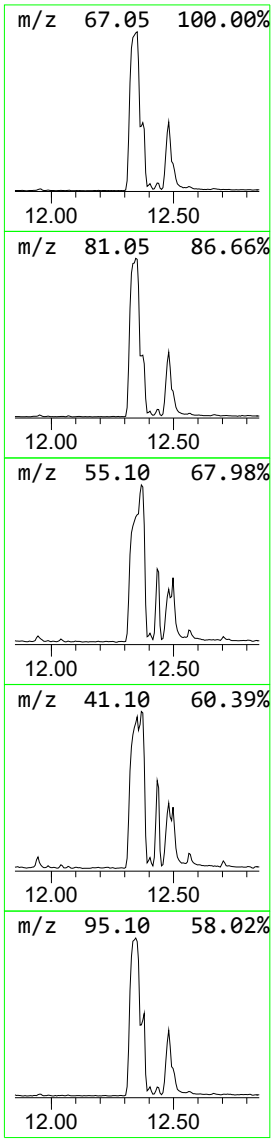
Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.351	348.42 ng	24438000	Phenanthrene-d10	11.233

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, methy...	294	C19H34O2	002566-97-4	99
3	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99





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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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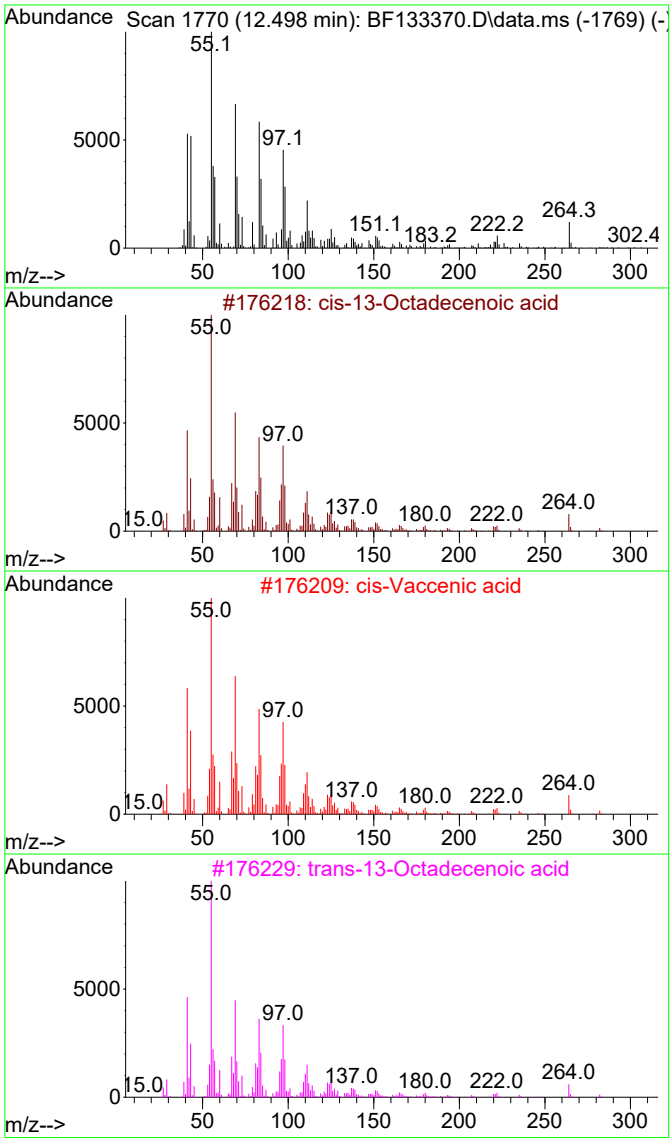
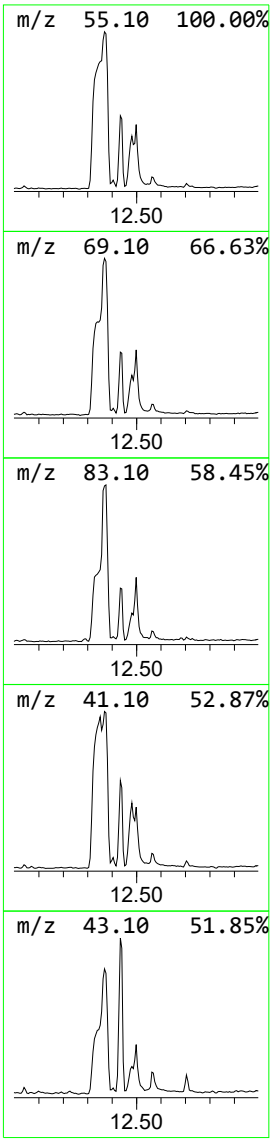
Peak Number 16 cis-13-Octadecenoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.498	34.72 ng	2435570	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	90
2	cis-Vaccenic acid	282	C18H34O2	000506-17-2	87
3	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	86
4	Oleic Acid	282	C18H34O2	000112-80-1	83
5	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	80





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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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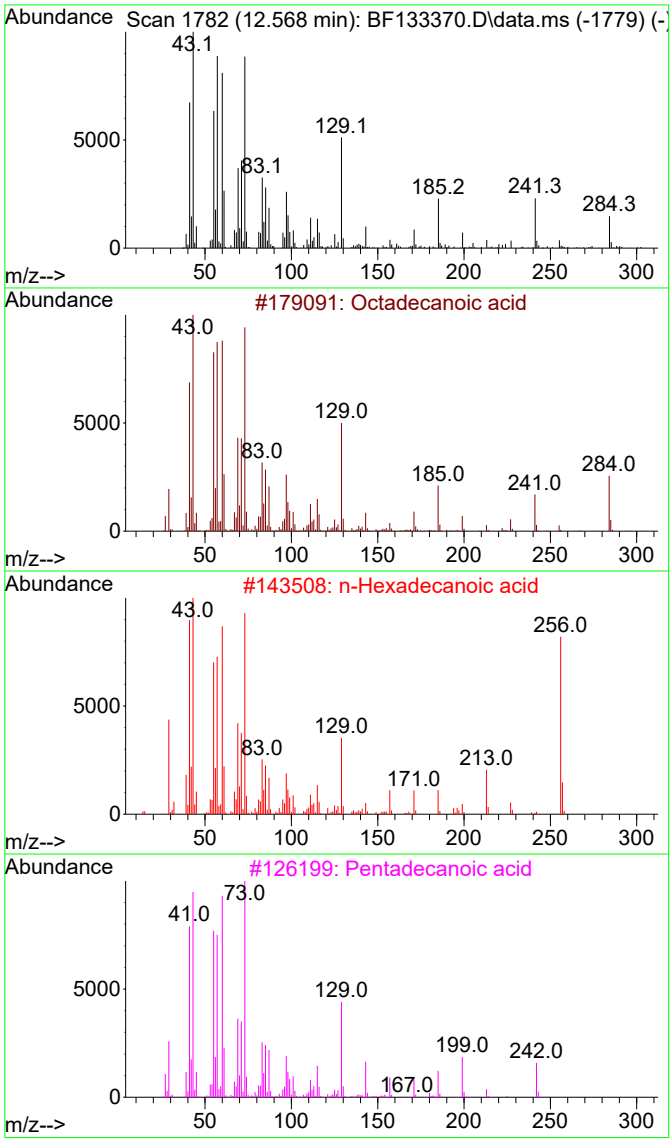
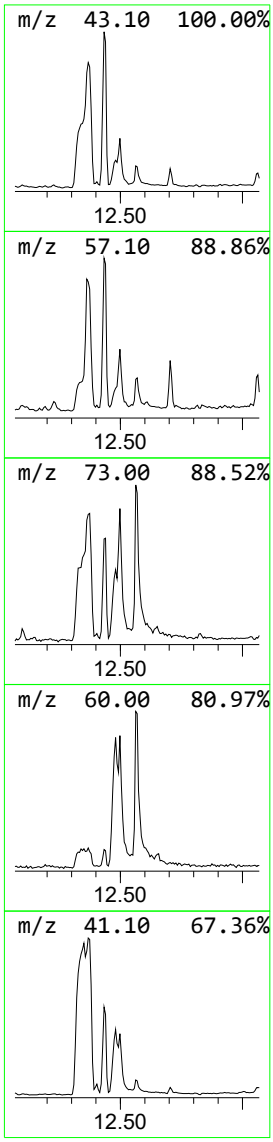
Peak Number 17 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.569	8.55 ng	581641	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Undecanoic acid	186	C11H22O2	000112-37-8	53





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

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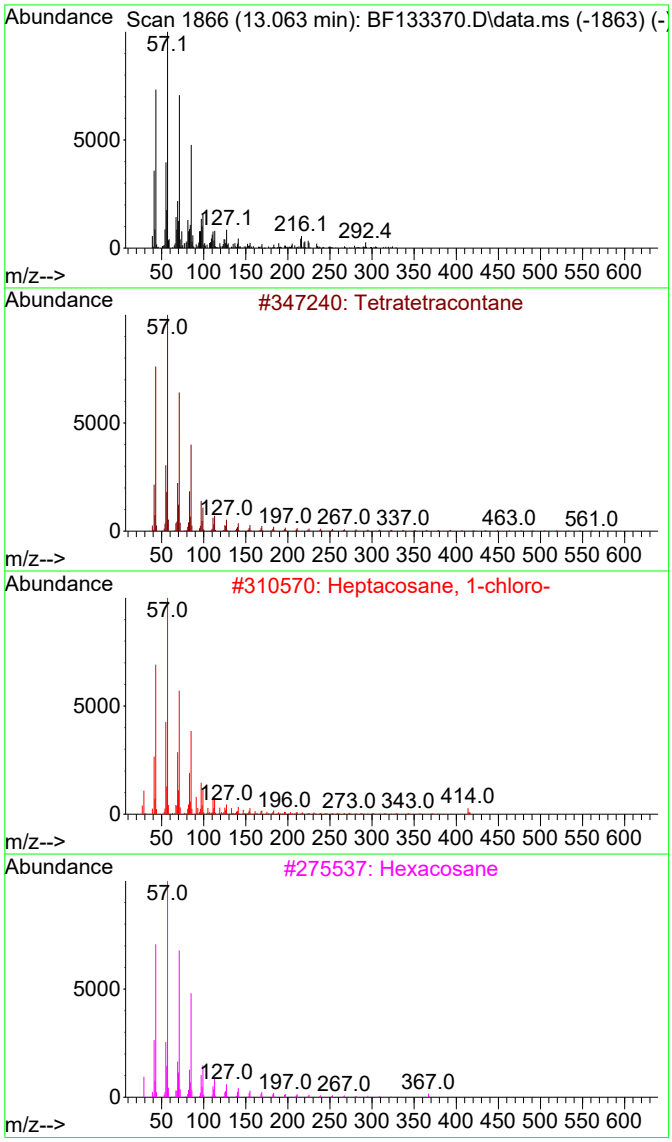
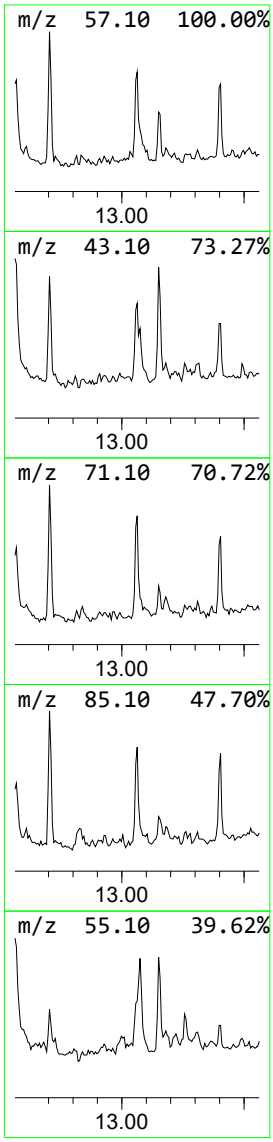
Peak Number 18 Tetratetracontane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.063	5.01 ng	340953	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	87
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	10-Methylnonadecane	282	C20H42	056862-62-5	87
5	Tritetracontane	605	C43H88	007098-21-7	87





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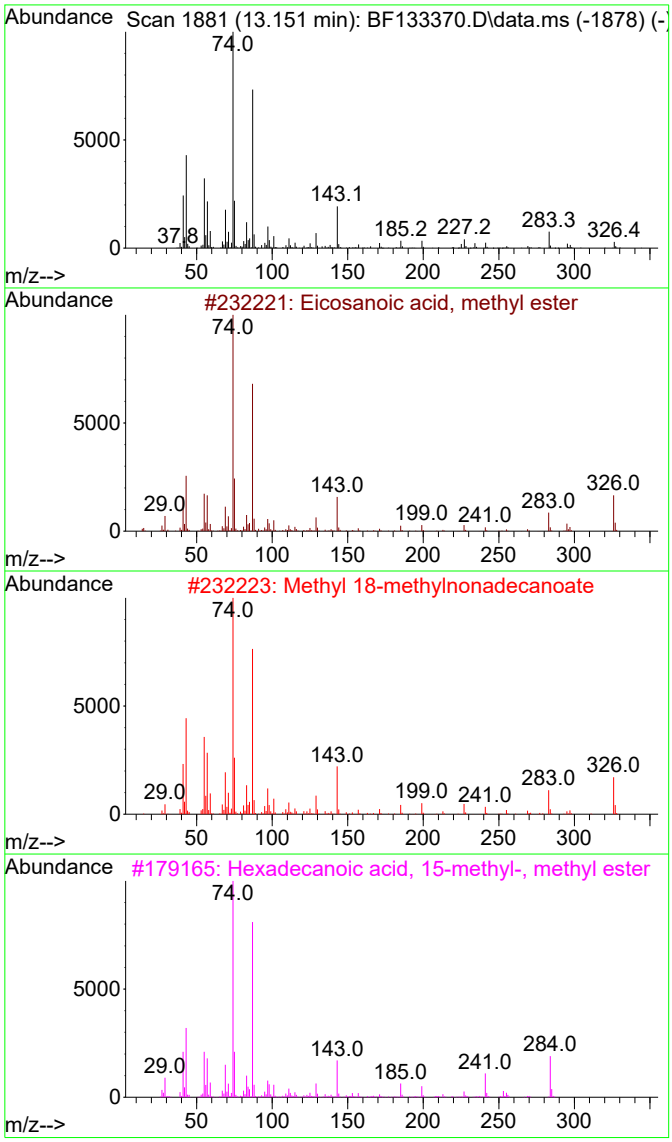
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

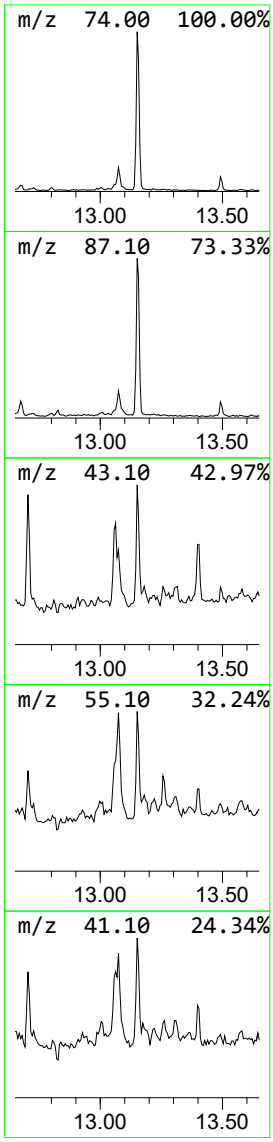
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Eicosanoic acid, methyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.151	7.40 ng	503124	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	98
2	Methyl 18-methylnonadecanoate	326	C21H42O2	1000424-52-4	96
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	93
4	Methyl stearate	298	C19H38O2	000112-61-8	90
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87





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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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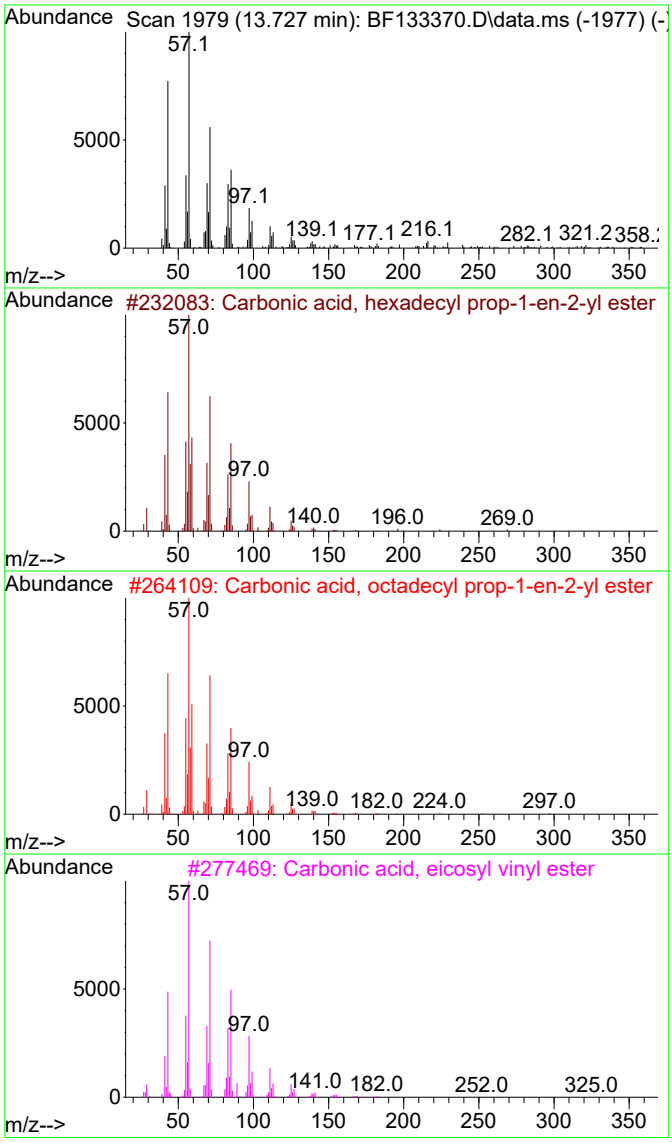
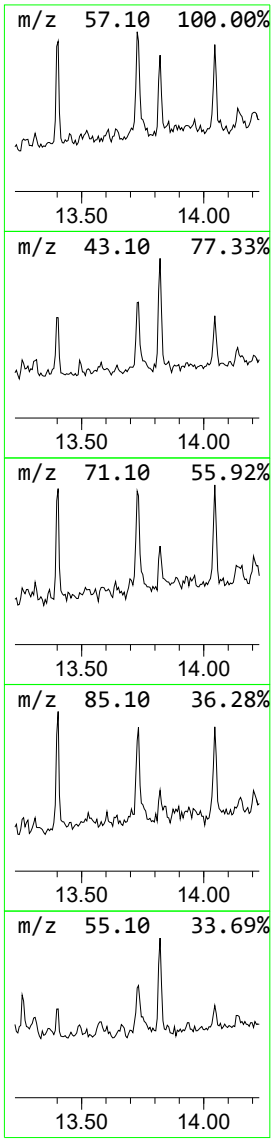
Peak Number 20 Carbonic acid, hexadecyl pr... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.727	4.42 ng	300840	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	91
2	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	91
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
4	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	90
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133370.D
Acq On : 12 May 2023 15:34
Operator : CG\JU
Sample : 02753-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-3-051123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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
3-Penten-2-one,...	4.251	12.2	ng	666369	1	6.716	1096490	20.0
2-Pentanone, 4-...	4.904	47.8	ng	2619970	1	6.716	1096490	20.0
Tetradecane	9.163	5.2	ng	414133	3	9.751	1592520	20.0
Hexadecane	9.692	5.9	ng	472406	3	9.751	1592520	20.0
Dodecane, 2-met...	10.192	6.9	ng	550552	3	9.751	1592520	20.0
Tridecane	10.410	5.2	ng	414486	3	9.751	1592520	20.0
Benzophenone	10.463	5.6	ng	446396	3	9.751	1592520	20.0
Heptadecane	10.663	13.1	ng	921371	4	11.233	1402810	20.0
Octadecane	11.110	8.4	ng	587550	4	11.233	1402810	20.0
Tetracosane	11.139	4.4	ng	310152	4	11.233	1402810	20.0
Nonadecane	11.539	7.1	ng	500170	4	11.233	1402810	20.0
Hexadecanoic ac...	11.645	130.5	ng	9155200	4	11.233	1402810	20.0
n-Hexadecanoic ...	11.786	27.8	ng	1950490	4	11.233	1402810	20.0
Heptacosane	11.945	8.6	ng	603615	4	11.233	1402810	20.0
9,12-Octadecadi...	12.351	348.4	ng	24438000	4	11.233	1402810	20.0
cis-13-Octadece...	12.498	34.7	ng	2435570	4	11.233	1402810	20.0
Octadecanoic acid	12.569	8.6	ng	581641	5	13.874	1359870	20.0
Tetratetracontane	13.063	5.0	ng	340953	5	13.874	1359870	20.0
Eicosanoic acid...	13.151	7.4	ng	503124	5	13.874	1359870	20.0
Carbonic acid, ...	13.727	4.4	ng	300840	5	13.874	1359870	20.0