LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
Data File : BF138830.D
Acq On : 07 Aug 2024 03:40
Operator : RC/JU
Sample : P3464-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOPSOIL

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-BF073024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138830.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.222	16	22	31	rVB	6829	10983	1.44%	0.152%
2	3.393	217	221	230	rBV	2859	8445	1.11%	0.117%
3	3.899	302	307	314	rBB	16852	26450	3.47%	0.367%
4	5.057	499	504	519	rVB	42826	62171	8.17%	0.862%
5	5.469	569	574	593	rBV	558695	729642	95.84%	10.118%
6	6.481	741	746	757	rBV	560810	730993	96.01%	10.137%
7	6.840	802	807	812	rVB	199471	241735	31.75%	3.352%
8	6.910	815	819	823	rVB	7298	8282	1.09%	0.115%
9	7.404	897	903	913	rVB	362883	464861	61.06%	6.446%
10	7.545	923	927	931	rBV	7504	9320	1.22%	0.129%
11	8.116	1019	1024	1037	rVB	228108	300723	39.50%	4.170%
12	8.434	1074	1078	1084	rBV	8726	14068	1.85%	0.195%
13	8.692	1118	1122	1127	rVB	12495	16066	2.11%	0.223%
14	9.192	1201	1207	1212	rBV	622528	761345	100.00%	10.558%
15	9.869	1318	1322	1327	rVB	220793	273072	35.87%	3.787%
16	9.963	1333	1338	1346	rVB3	17518	29216	3.84%	0.405%
17	10.216	1373	1381	1386	rBV7	3247	8790	1.15%	0.122%
18	10.386	1406	1410	1418	rBV9	2750	7887	1.04%	0.109%
19	10.663	1452	1457	1466	rVB	271073	344901	45.30%	4.783%
20	10.786	1472	1478	1483	rVB3	26359	42719	5.61%	0.592%
21	10.839	1483	1487	1490	rBV	42485	59518	7.82%	0.825%
22	10.875	1490	1493	1496	rVV2	51370	78604	10.32%	1.090%
23	10.904	1496	1498	1501	rVV	46686	64231	8.44%	0.891%
24	10.980	1505	1511	1514	rVV2	25000	59875	7.86%	0.830%
25	11.016	1514	1517	1521	rVV3	42065	67264	8.83%	0.933%
26	11.057	1521	1524	1528	rVV	45561	72505	9.52%	1.005%
27	11.098	1528	1531	1538	rVB2	28857	39658	5.21%	0.550%
28	11.245	1553	1556	1561	rVB4	7994	10843	1.42%	0.150%
29	11.357	1570	1575	1582	rBV	203896	262688	34.50%	3.643%
30	11.880	1660	1664	1673	rBV3	40709	62863	8.26%	0.872%
31	12.575	1777	1782	1785	rBV	29101	45709	6.00%	0.634%
32	12.669	1794	1798	1805	rBV6	11093	17156	2.25%	0.238%
33	12.769	1811	1815	1818	rBV	54192	73594	9.67%	1.021%
34	12.798	1818	1820	1822	rVV2	25607	31103	4.09%	0.431%
35	12.827	1822	1825	1833	rVB	38563	61618	8.09%	0.854%
36	12.939	1839	1844	1849	rBV	538531	664688	87.30%	9.217%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
Data File : BF138830.D
Acq On : 07 Aug 2024 03:40
Operator : RC/JU
Sample : P3464-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOPSOIL

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-BF073024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.163	1878	1882	1886	rBV	18363	22390	2.94%	0.310%
38	13.504	1935	1940	1946	rBV	23208	36845	4.84%	0.511%
39	13.622	1957	1960	1966	rBV6	6163	11642	1.53%	0.161%
40	13.839	1992	1997	2010	rVB2	62922	139762	18.36%	1.938%
41	13.998	2019	2024	2036	rVB	184061	266818	35.05%	3.700%
42	14.145	2045	2049	2055	rBV	26274	41403	5.44%	0.574%
43	14.451	2097	2101	2104	rBV	40391	58081	7.63%	0.805%
44	14.751	2148	2152	2156	rBV	30921	42453	5.58%	0.589%
45	14.827	2161	2165	2172	rVB2	31291	53020	6.96%	0.735%
46	15.086	2205	2209	2214	rVB	60857	84577	11.11%	1.173%
47	15.457	2267	2272	2282	rVB	131106	210837	27.69%	2.924%
48	15.663	2304	2307	2312	rVB4	12676	17274	2.27%	0.240%
49	15.886	2341	2345	2351	rVB	38263	60248	7.91%	0.835%
50	16.339	2416	2422	2429	rBV8	42367	100262	13.17%	1.390%
51	17.057	2539	2544	2549	rBV6	23473	45867	6.02%	0.636%
52	17.504	2613	2620	2633	rVB6	42901	133196	17.49%	1.847%
53	17.962	2691	2698	2705	rBV10	17598	44949	5.90%	0.623%
54	18.492	2781	2788	2798	rVB6	27989	78045	10.25%	1.082%

Sum of corrected areas: 7211255

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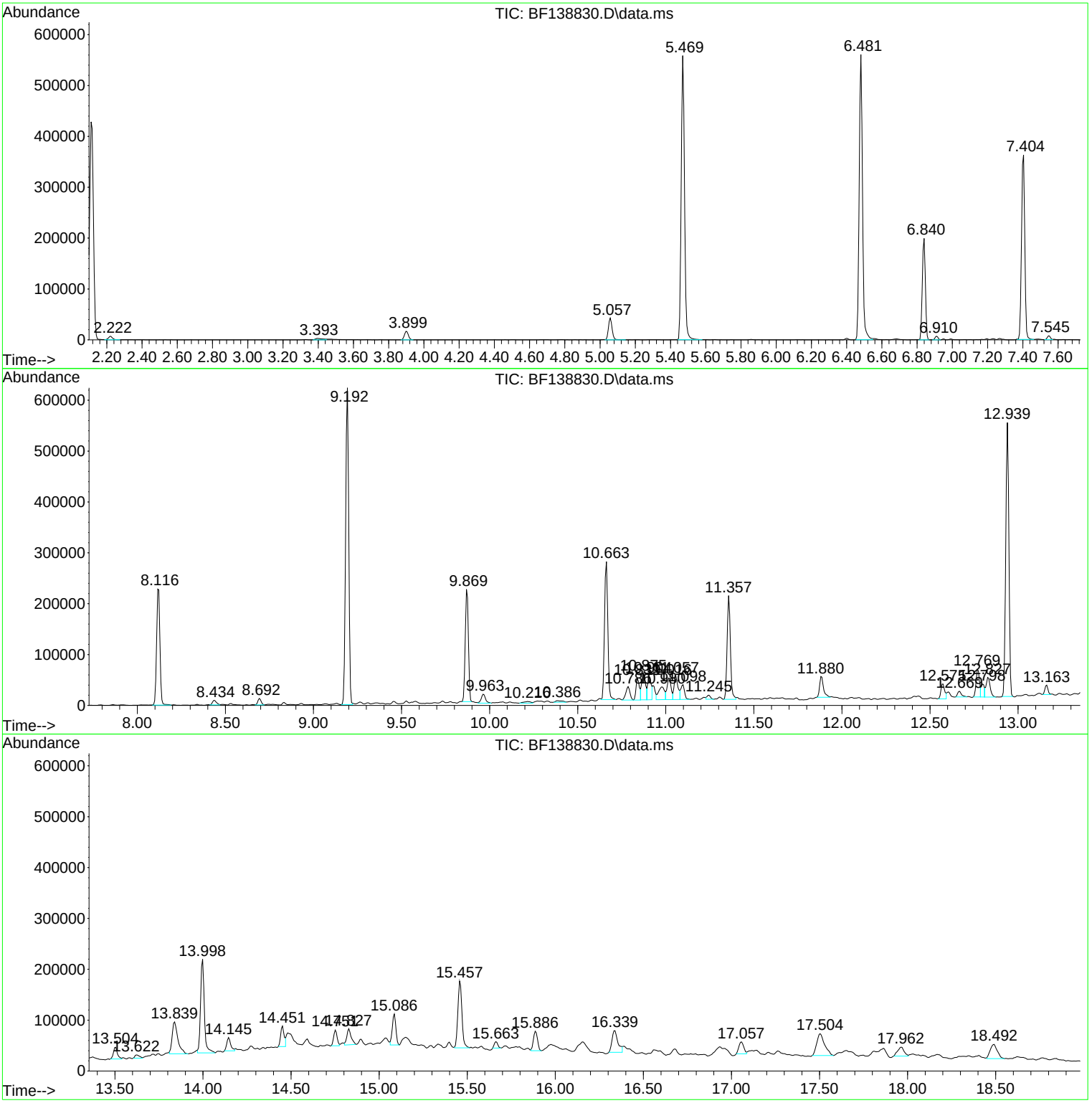
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOPSOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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\BF080624\
Data File : BF138830.D
Acq On : 07 Aug 2024 03:40
Operator : RC/JU
Sample : P3464-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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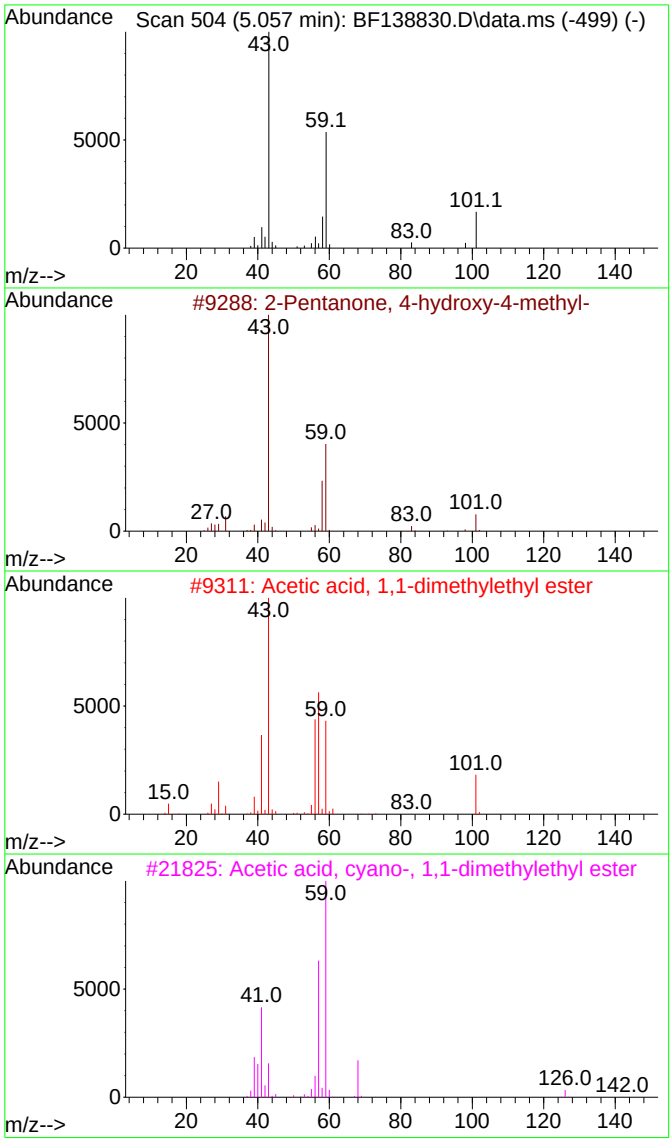
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

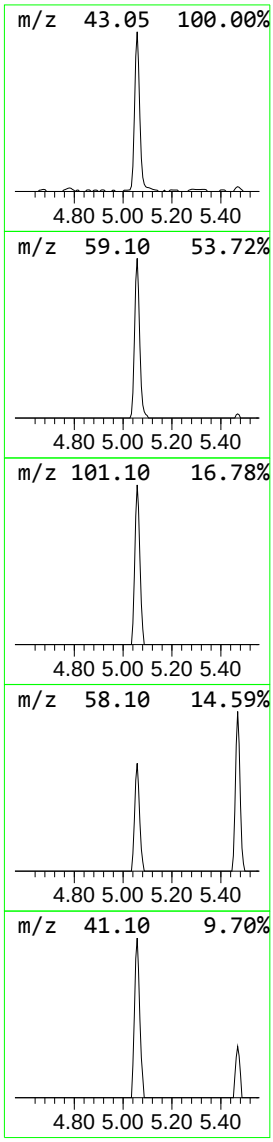
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.057	5.14 ng	62171	1,4-Dichlorobenzene-d4	6.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
Data File : BF138830.D
Acq On : 07 Aug 2024 03:40
Operator : RC/JU
Sample : P3464-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOPSOIL

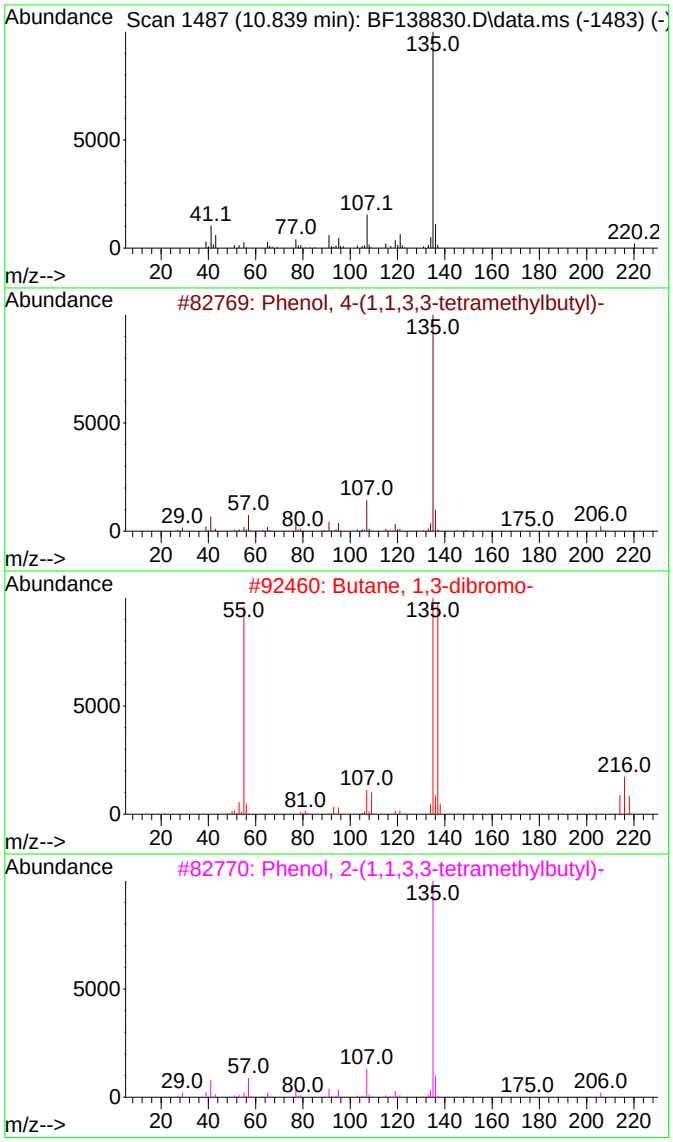
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

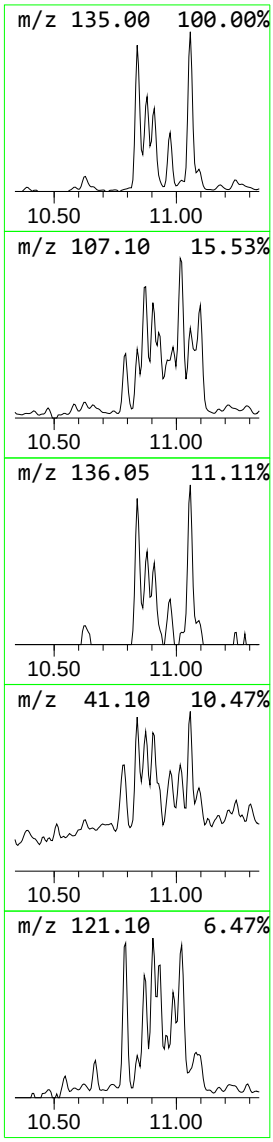
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.839	4.53 ng	59518	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	86
2	Butane, 1,3-dibromo-	214	C4H8Br2	000107-80-2	78
3	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	78
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
5	4-tert-Butylphenol, O-(n-propylo...	236	C14H20O3	1000487-25-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
Data File : BF138830.D
Acq On : 07 Aug 2024 03:40
Operator : RC/JU
Sample : P3464-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOPSOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

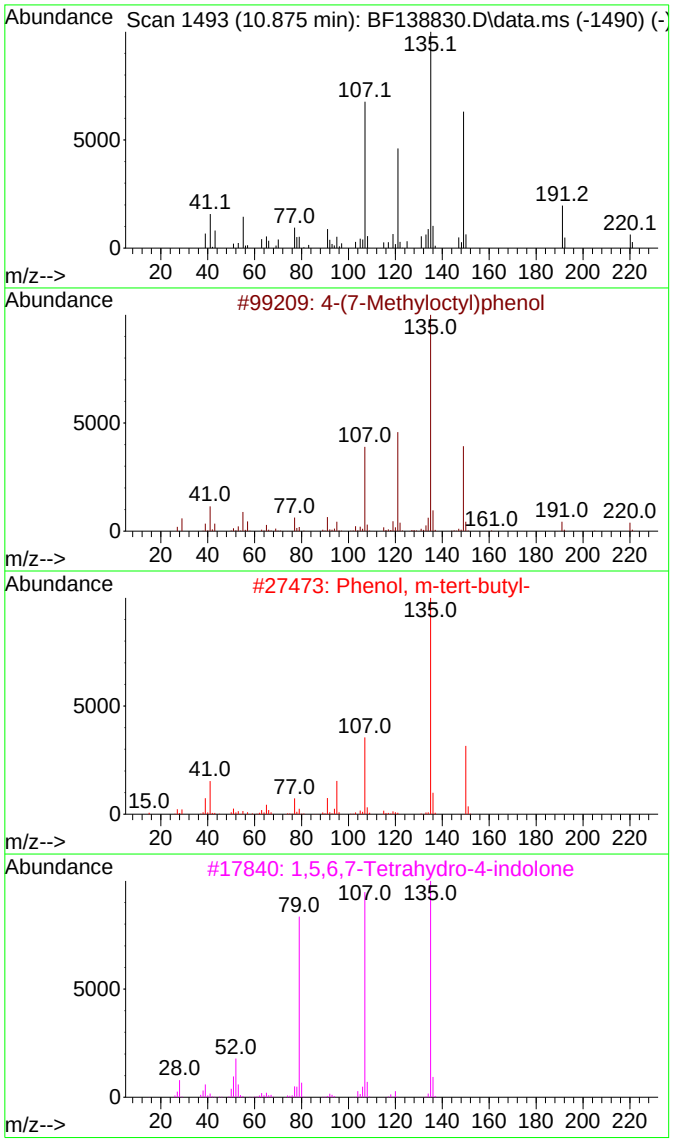
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

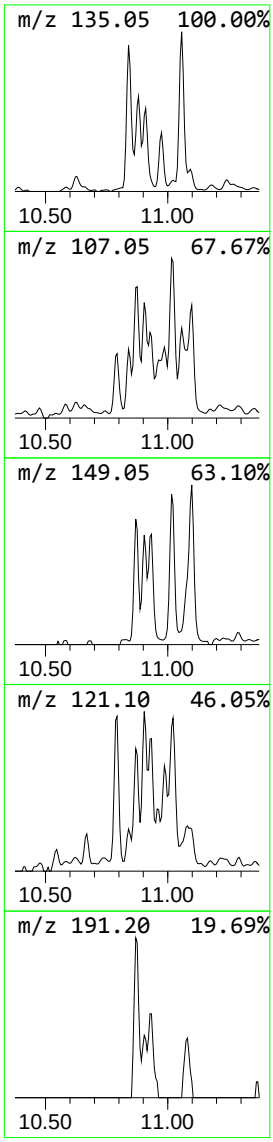
****

Peak Number 3 4-(7-Methyloctyl)phenol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.875	5.98 ng	78604	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	90
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	49
3	1,5,6,7-Tetrahydro-4-indolone	135	C8H9NO	013754-86-4	49
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	49
5	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
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Acq On : 07 Aug 2024 03:40
Operator : RC/JU
Sample : P3464-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOPSOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

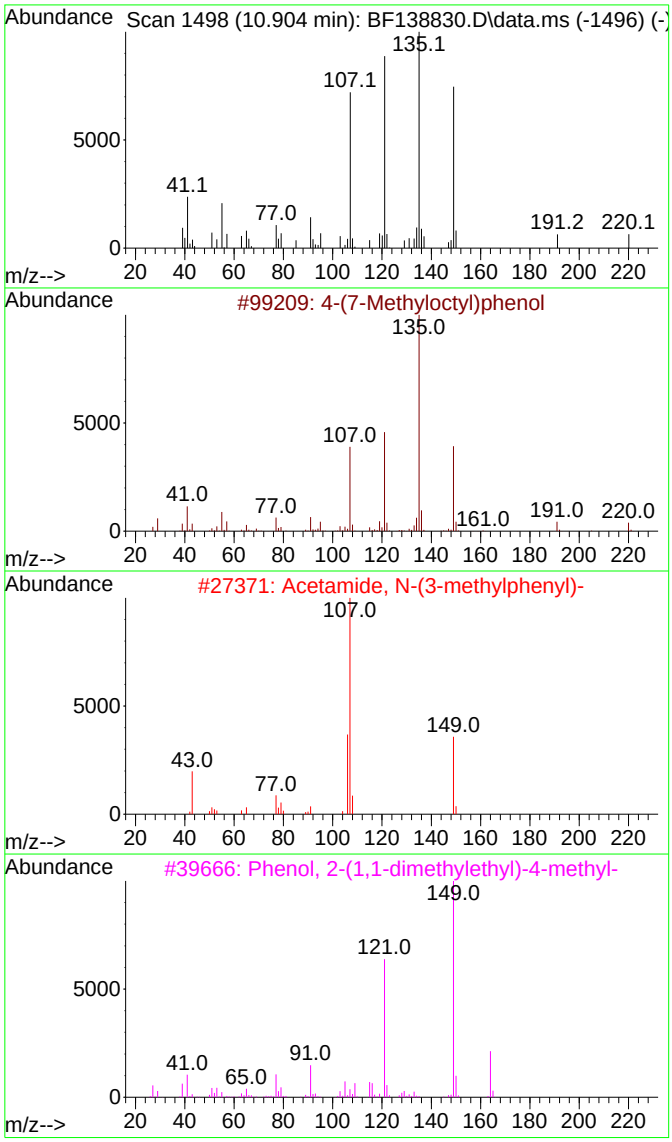
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

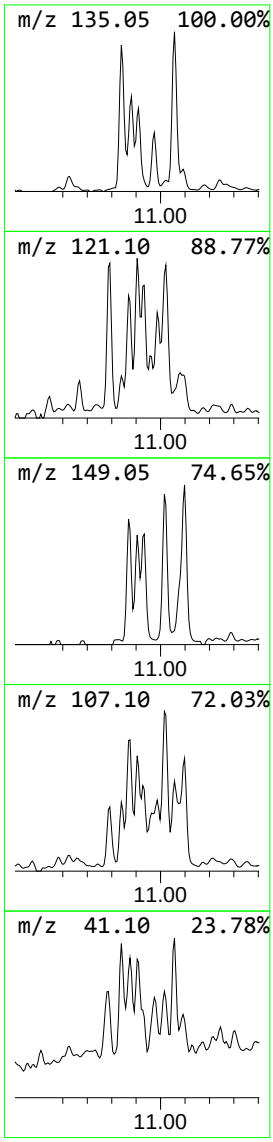
****

Peak Number 4 unknown10.904 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.904	4.89 ng	64231	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	86
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	38
3	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	38
4	Acetamide, N-methyl-N-phenyl-	149	C9H11NO	000579-10-2	30
5	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	27





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Operator : RC/JU
Sample : P3464-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOPSOIL

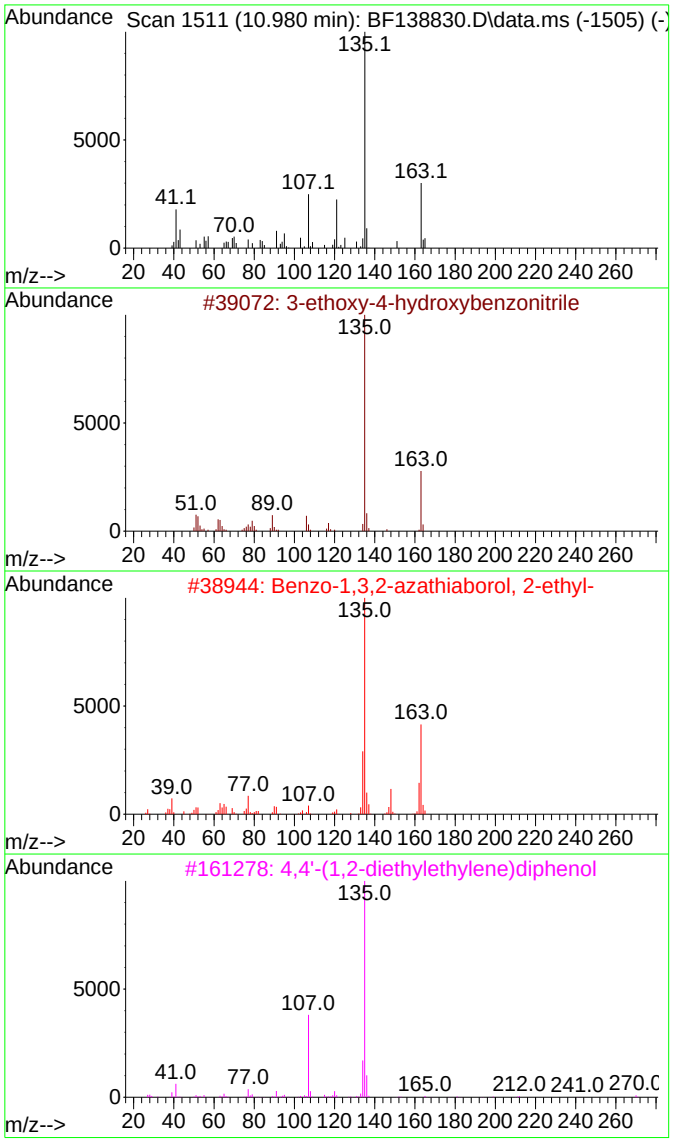
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

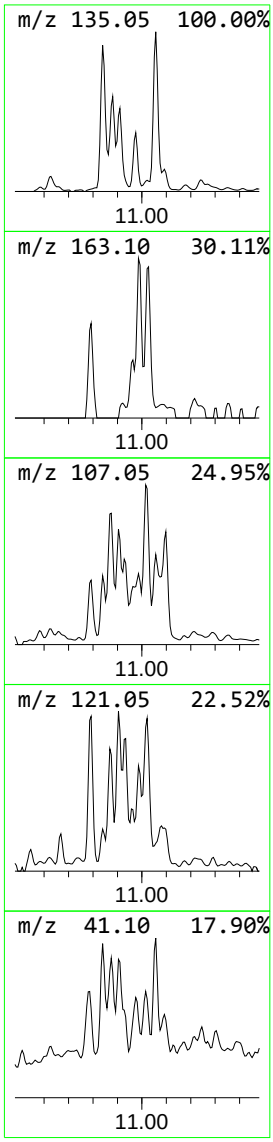
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 3-ethoxy-4-hydroxybenzonitrile Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.980	4.56 ng	59875	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-ethoxy-4-hydroxybenzonitrile	163	C9H9NO2	1000440-34-7	64
2	Benzo-1,3,2-azathiaborol, 2-ethyl-	163	C8H10BNS	168064-64-0	59
3	4,4'-(1,2-diethylethylene)diphenol	270	C18H22O2	005635-50-7	53
4	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	50
5	1H-Indole, 5-fluoro-	135	C8H6FN	000399-52-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
Data File : BF138830.D
Acq On : 07 Aug 2024 03:40
Operator : RC/JU
Sample : P3464-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOPSOIL

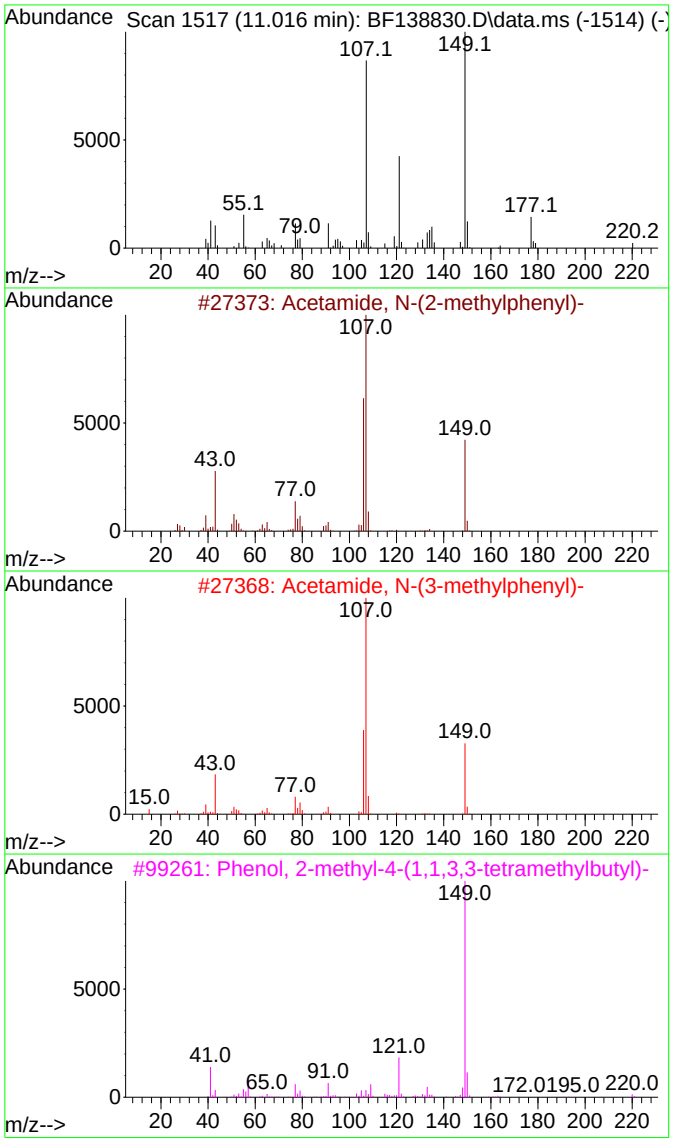
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

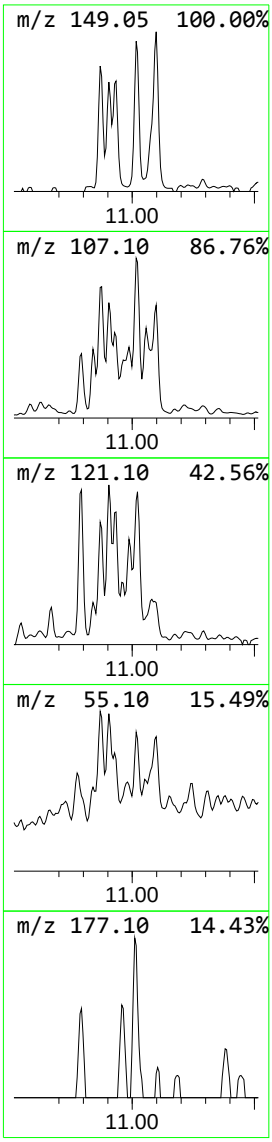
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Acetamide, N-(2-methylphenyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.016	5.12 ng	67264	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	64
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	64
3	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	46
4	Methyl (1s,3s,5R,7S)-3-methylada...	208	C13H20O2	1010504-39-1	38
5	4-Hydroxyphenylpyruvic acid, met...	208	C11H12O4	1000332-83-9	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
Data File : BF138830.D
Acq On : 07 Aug 2024 03:40
Operator : RC/JU
Sample : P3464-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOPSOIL

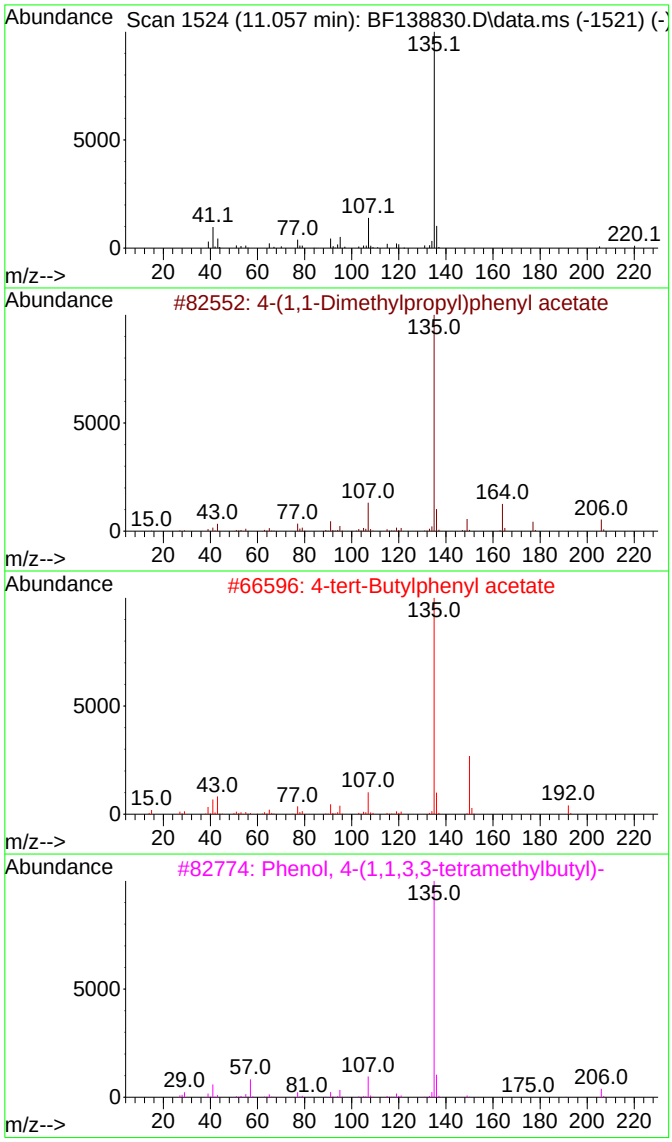
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

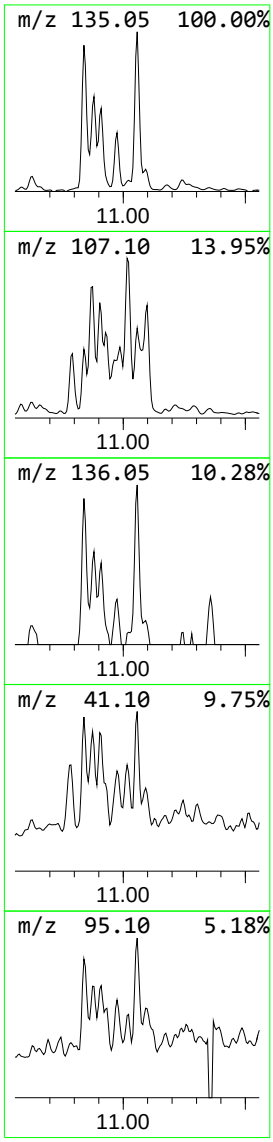
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4-(1,1-Dimethylpropyl)pheny... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.057	5.52 ng	72505	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	78
2	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78
3	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
4	Hexestrol	270	C18H22O2	000084-16-2	72
5	Hexestrol, O-isopropyloxycarbonyl-	356	C22H28O4	1000487-68-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
Data File : BF138830.D
Acq On : 07 Aug 2024 03:40
Operator : RC/JU
Sample : P3464-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOPSOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

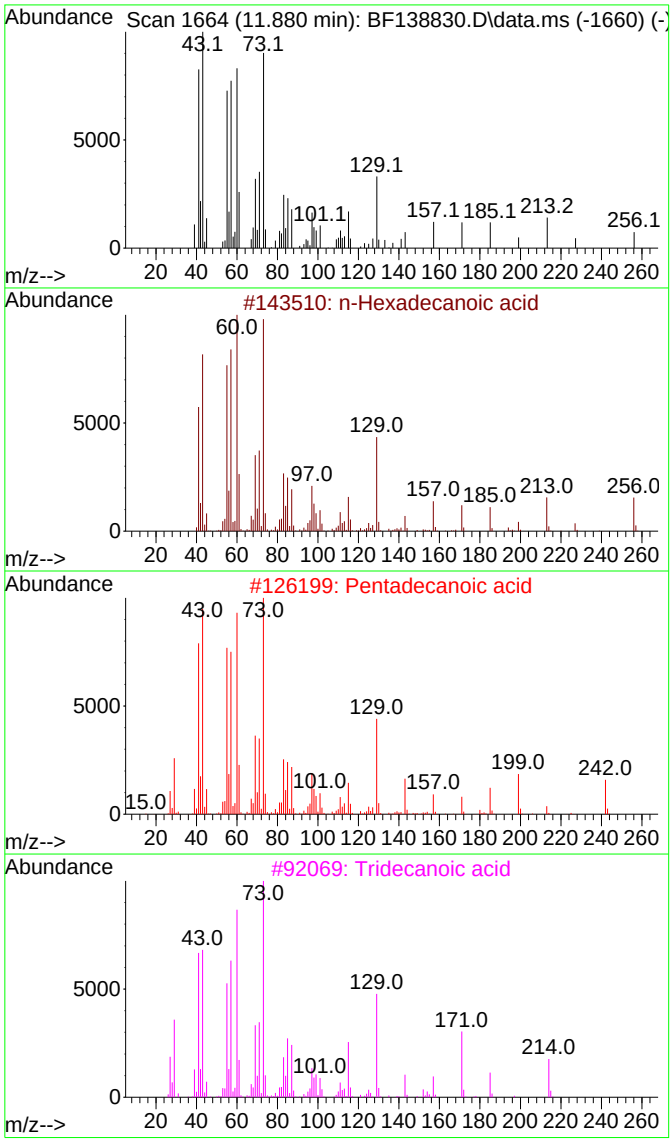
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

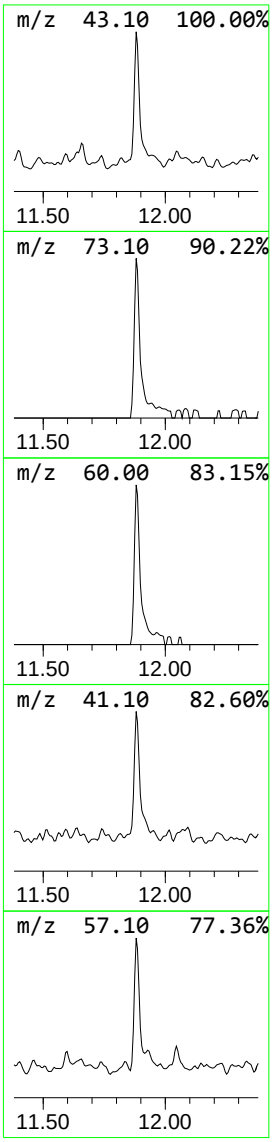
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	4.79 ng	62863	Phenanthrene-d10	11.357

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	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	72





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Acq On : 07 Aug 2024 03:40
Operator : RC/JU
Sample : P3464-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOPSOIL

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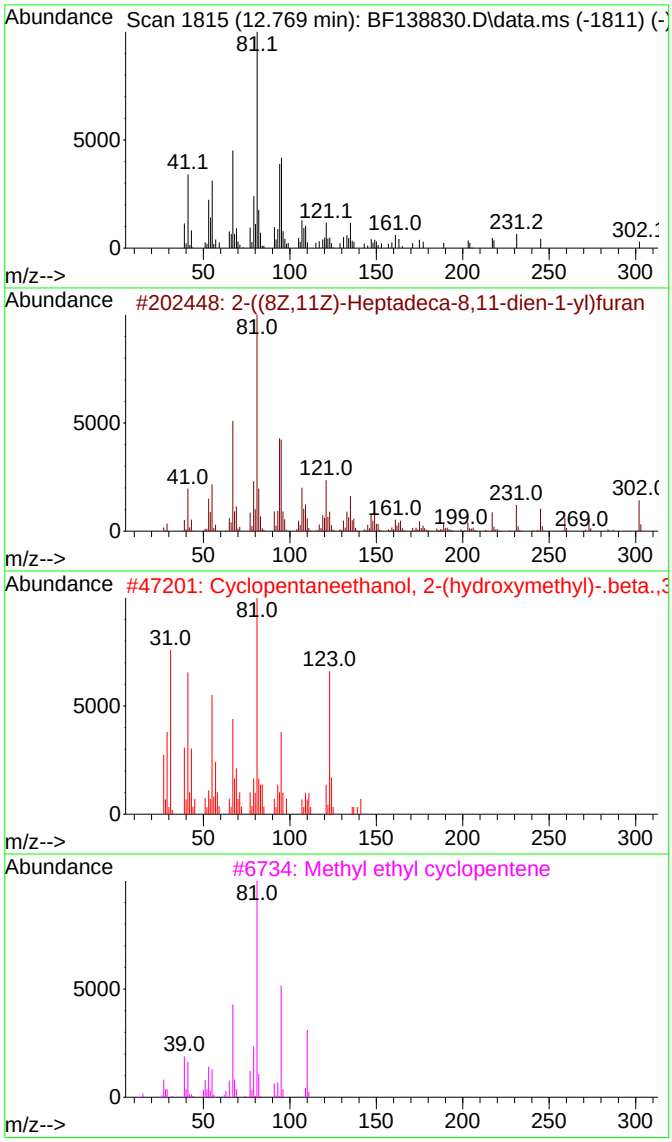
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

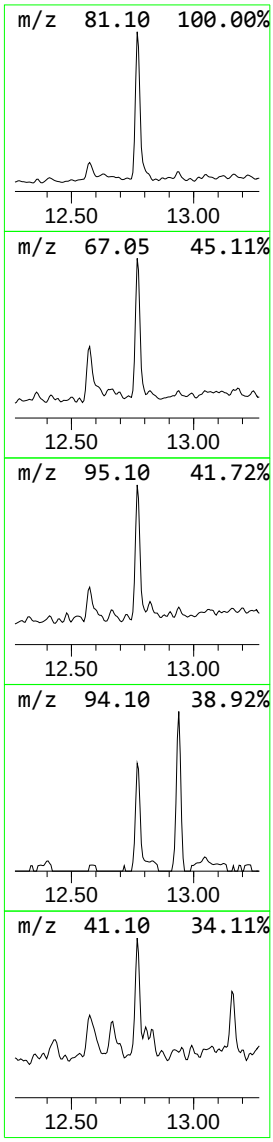
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2-((8Z,11Z)-Heptadeca-8,11-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.769	5.52 ng	73594	Chrysene-d12	13.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-((8Z,11Z)-Heptadeca-8,11-dien-...	302	C21H34O	148675-93-8	91
2	Cyclopentaneethanol, 2-(hydroxym...	172	C10H20O2	000485-42-7	53
3	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	47
4	Cyclohexene, 3-(2-methylpropyl)-	138	C10H18	004104-56-7	43
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	38





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ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOPSOIL

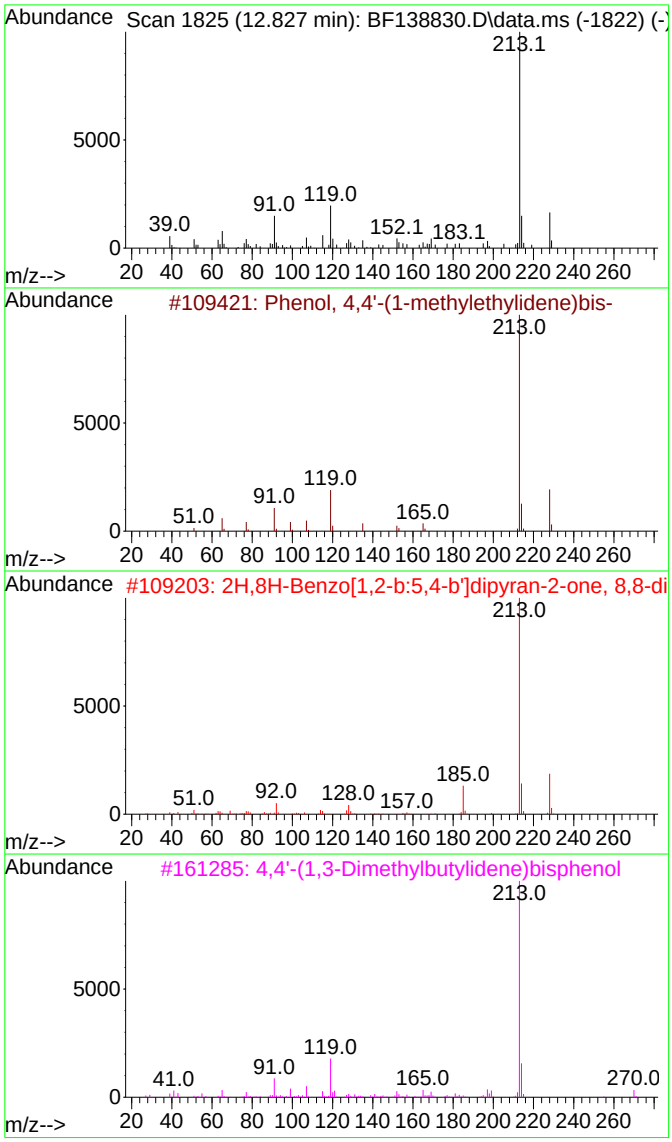
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

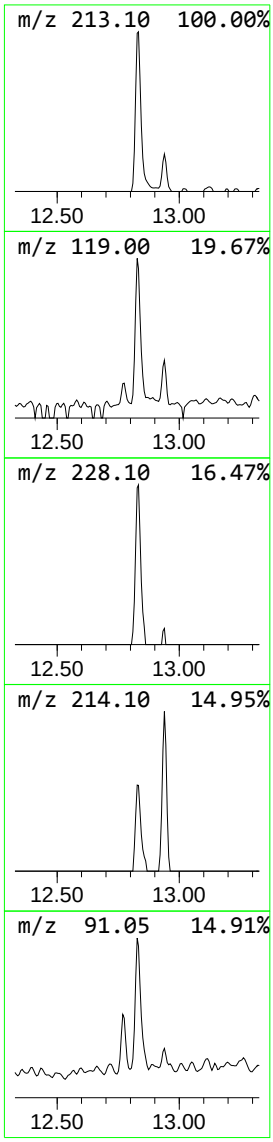
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenol, 4,4'-(1-methylethyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.827	4.62 ng	61618	Chrysene-d12	13.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	90
2	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	64
3	4,4'-(1,3-Dimethylbutylidene)bis...	270	C18H22O2	006807-17-6	64
4	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	58
5	2,5-bis(Trimethylsilyl)thiophene	228	C10H20SSi2	017906-71-7	53





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOPSOIL

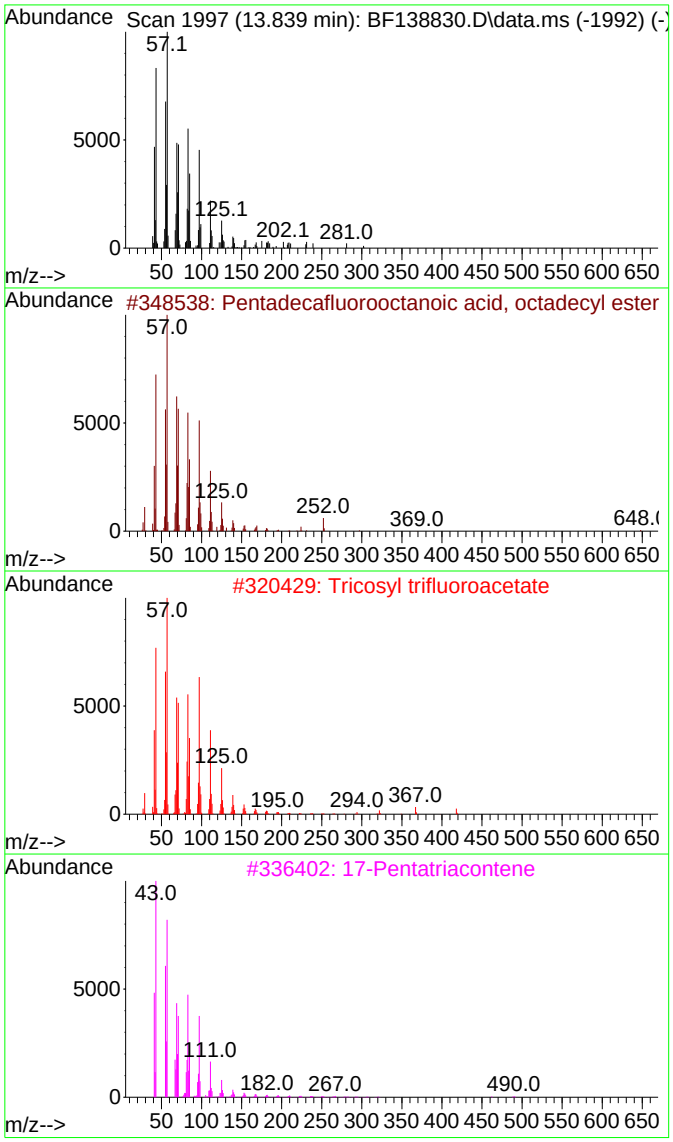
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

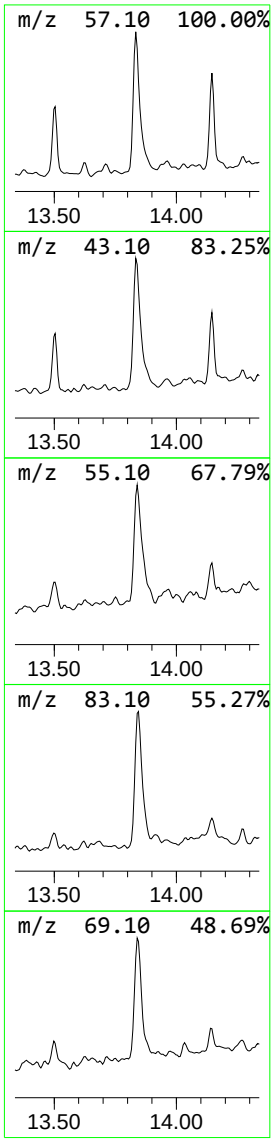
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Pentadecafluorooctanoic aci... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.839	10.48 ng	139762	Chrysene-d12	13.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
2	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90





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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TOPSOIL

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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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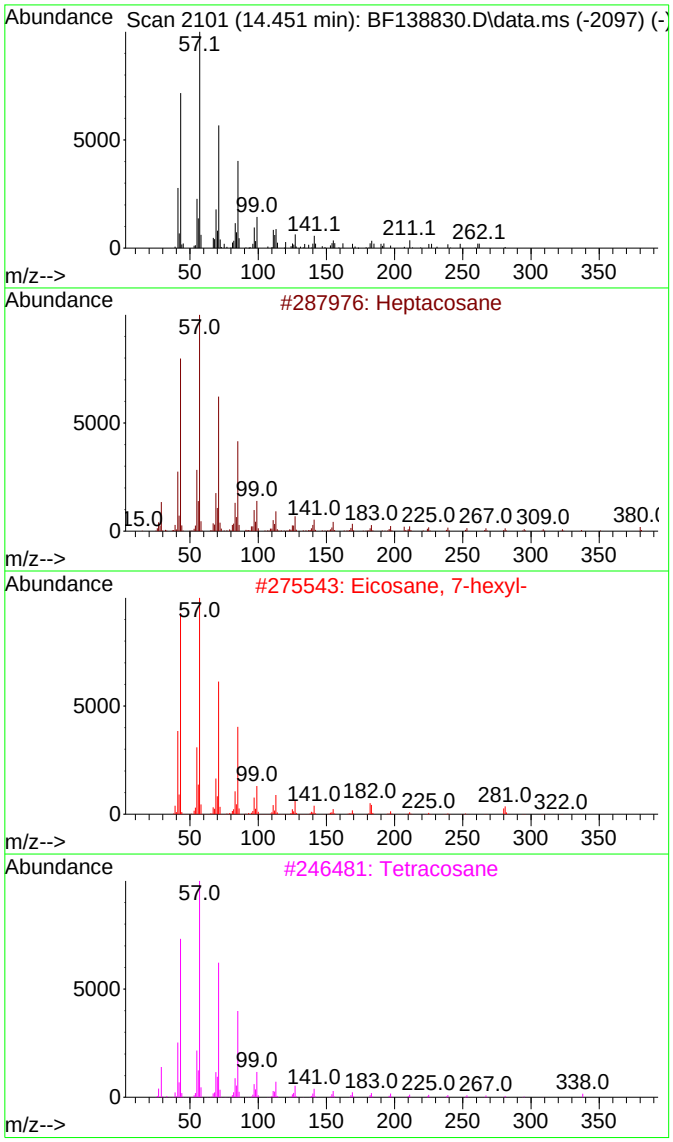
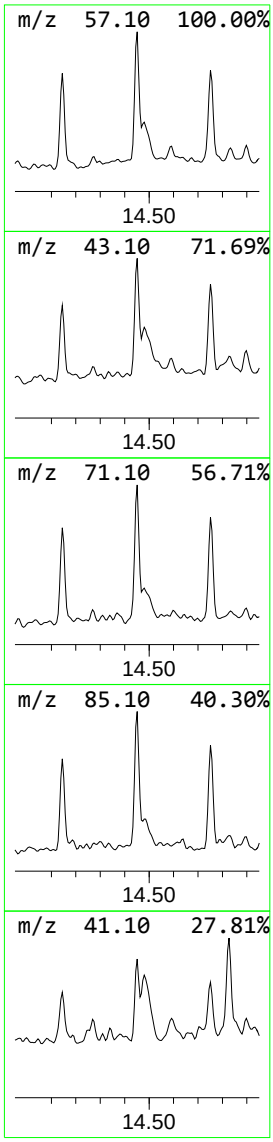
Peak Number 12 Heptacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.451	4.35 ng	58081	Chrysene-d12	13.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Hexacosane	366	C26H54	000630-01-3	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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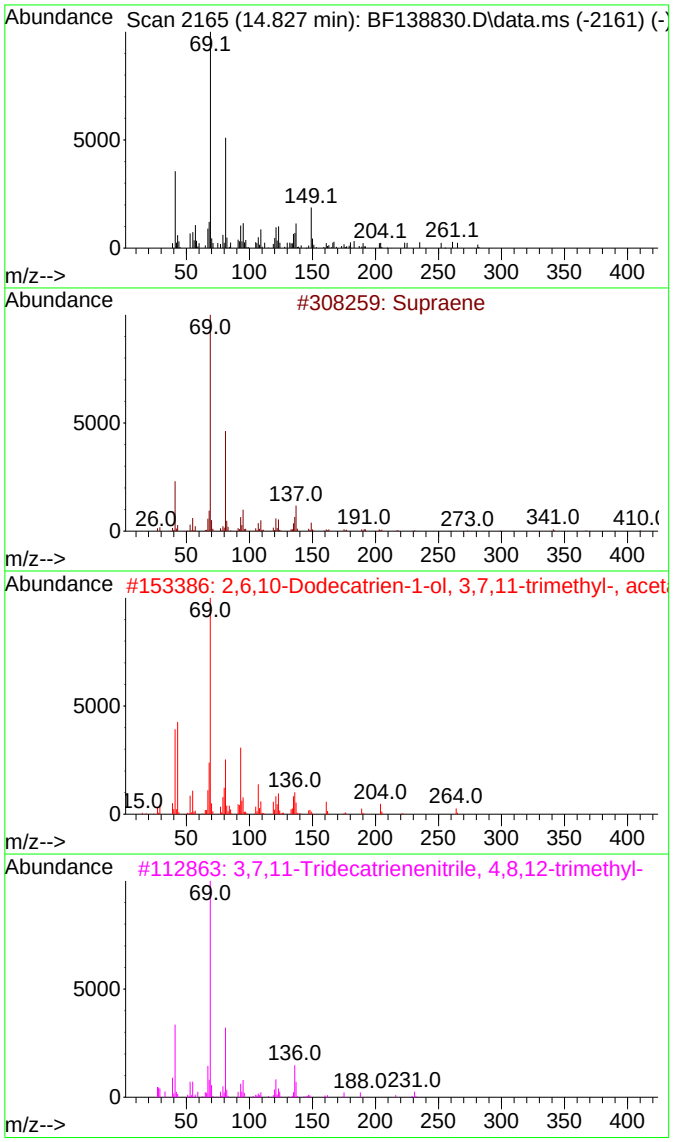
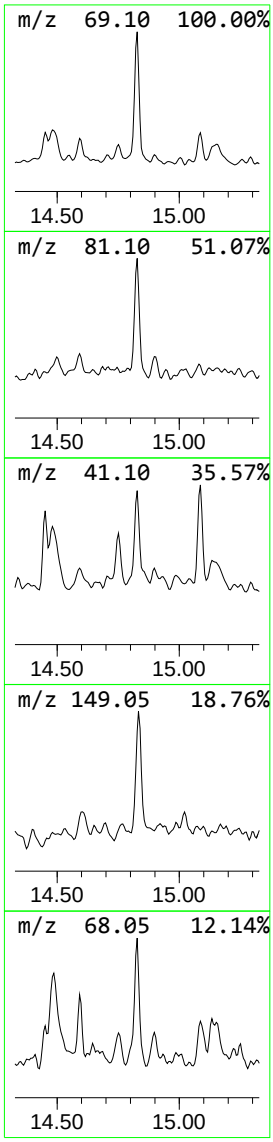
Peak Number 13 Supraene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.827	5.03 ng	53020	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	87
2	2,6,10-Dodecatrien-1-ol, 3,7,11-...	264	C17H28O2	004128-17-0	64
3	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	64
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	003790-71-4	59
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	59





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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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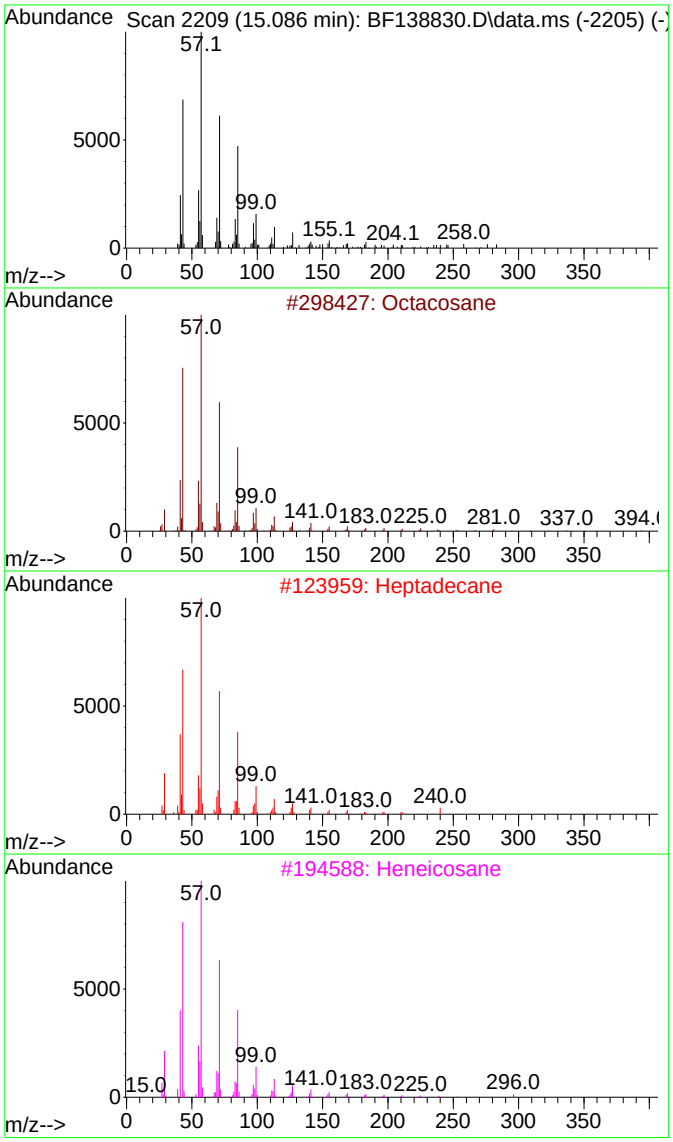
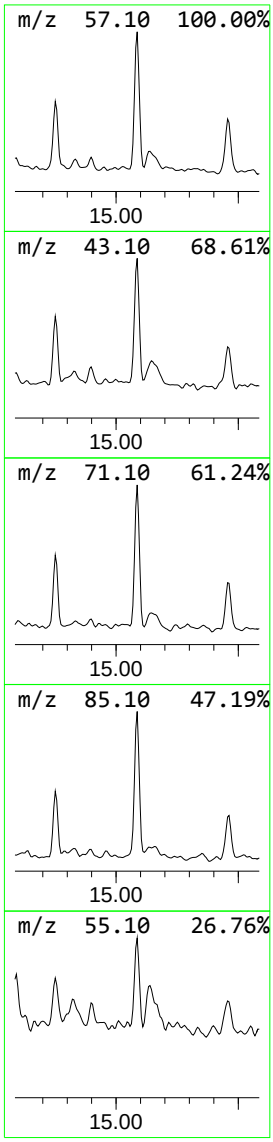
Peak Number 14 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.086	8.02 ng	84577	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Heptadecane	240	C17H36	000629-78-7	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Octadecane	254	C18H38	000593-45-3	86
5	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	86





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Sample : P3464-01
Misc :
ALS Vial : 20 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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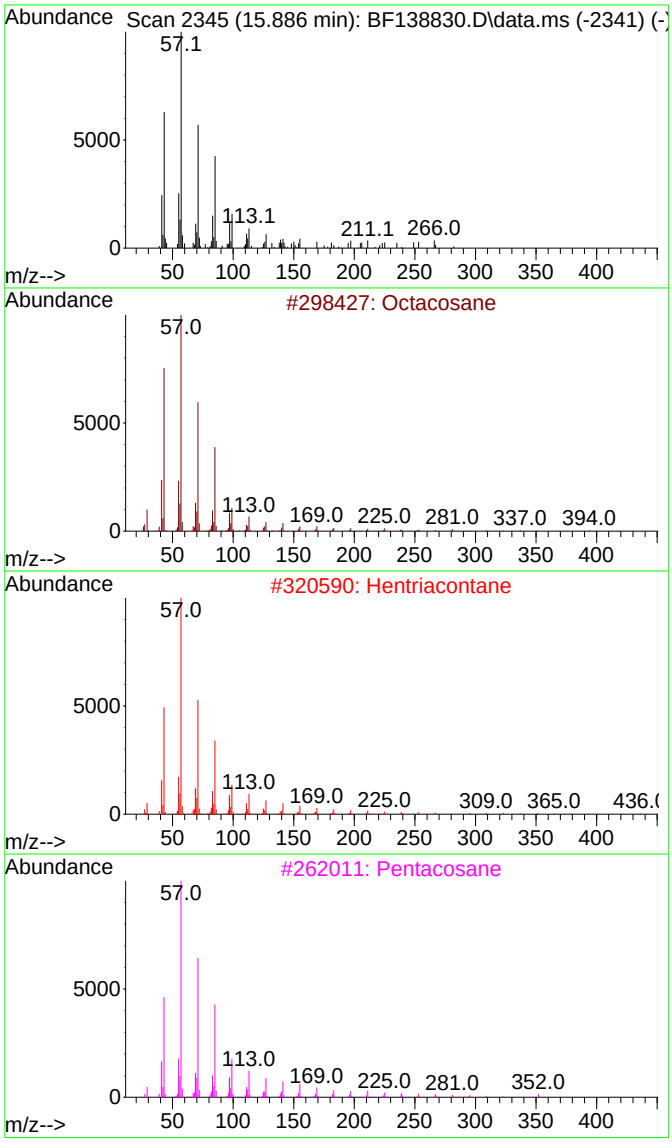
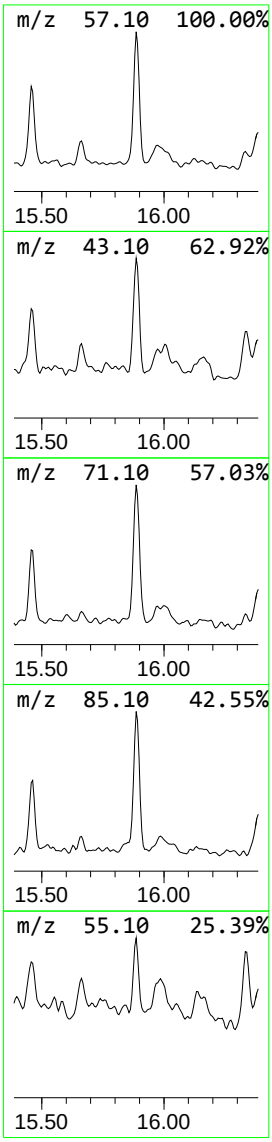
Peak Number 15 Hentriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.886	5.72 ng	60248	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Hentriacontane	437	C31H64	000630-04-6	87
3	Pentacosane	352	C25H52	000629-99-2	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	83





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Sample : P3464-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TOPSOIL

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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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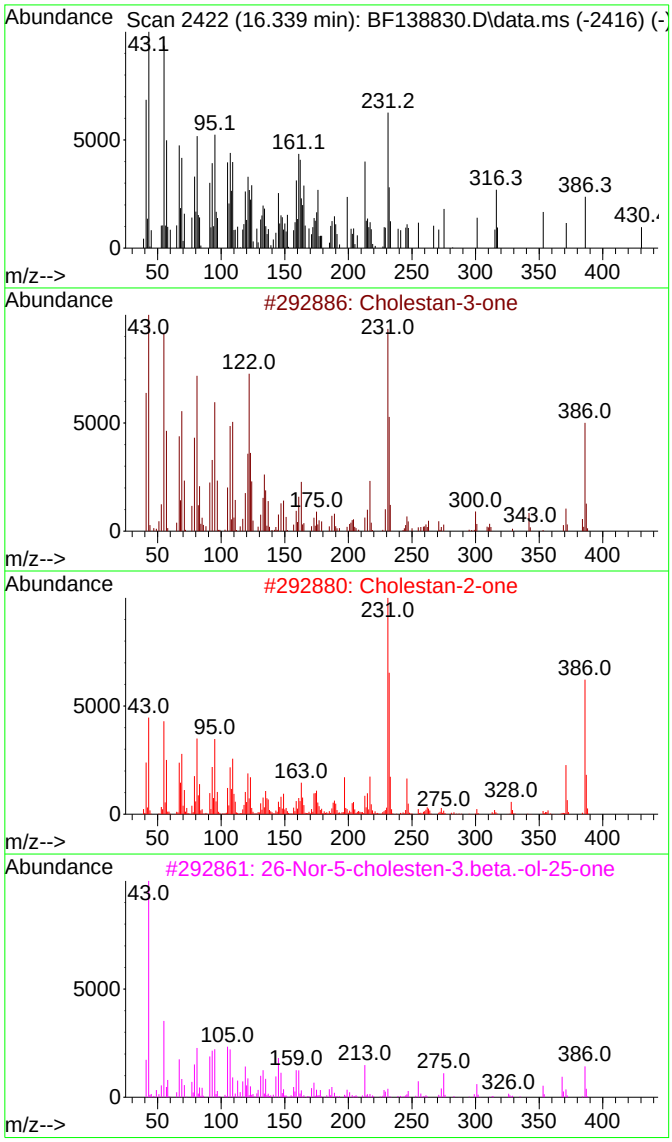
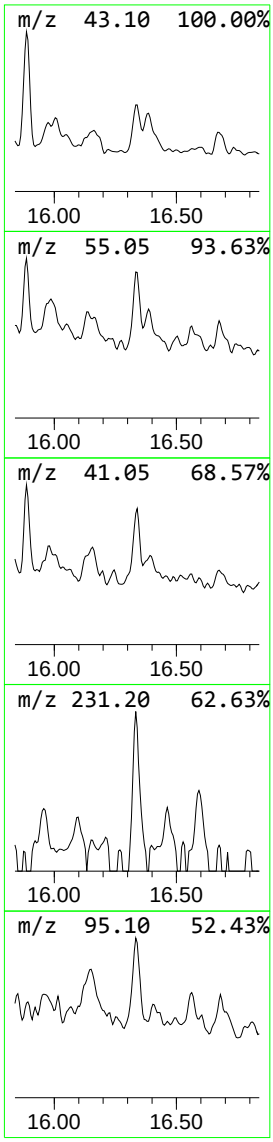
Peak Number 16 Cholestan-3-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.339	9.51 ng	100262	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-one	386	C27H46O	015600-08-5	64
2	Cholestan-2-one	386	C27H46O	1010210-43-4	52
3	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	48
4	Cholestan-3-one, (5.beta.)-	386	C27H46O	000601-53-6	42
5	Cholestan-3-one, (5.alpha.)-	386	C27H46O	000566-88-1	41





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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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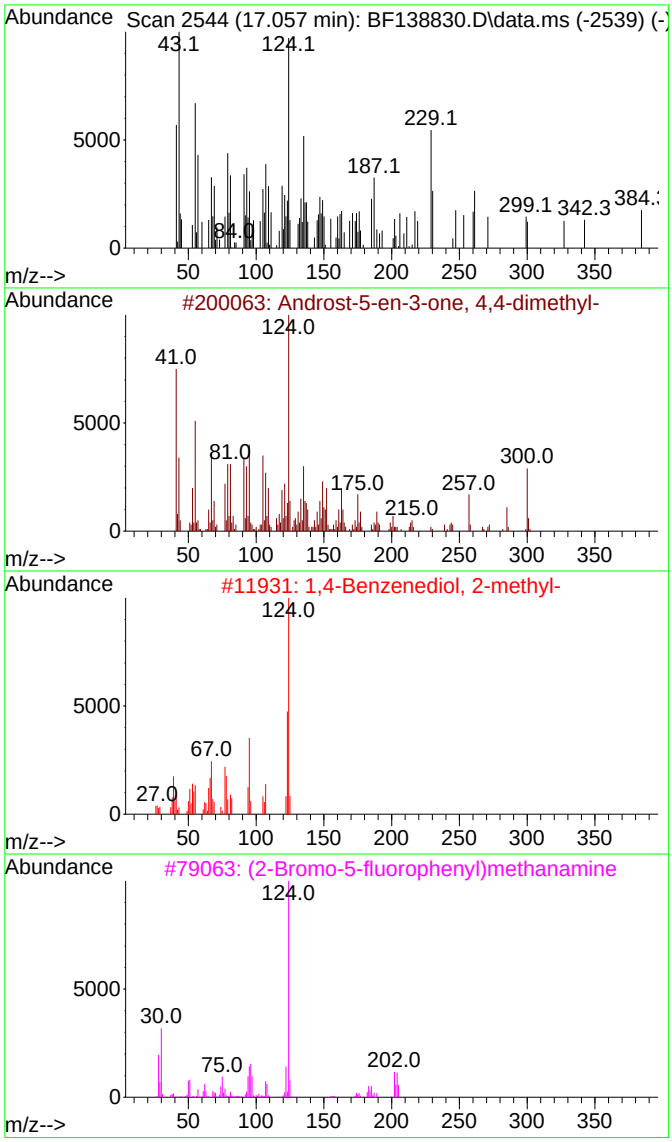
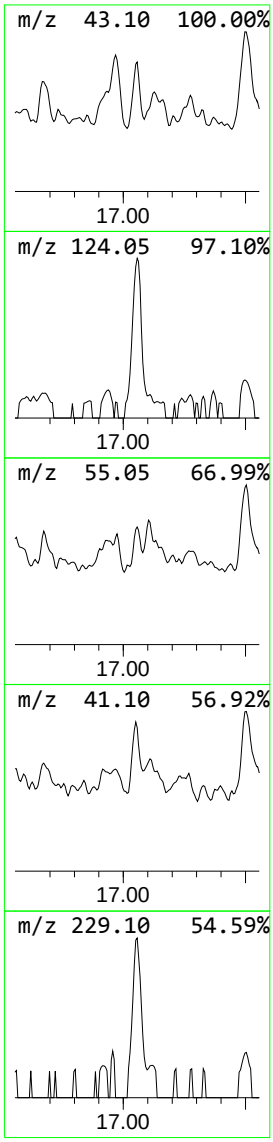
Peak Number 17 unknown17.057 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.057	4.35 ng	45867	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Androst-5-en-3-one, 4,4-dimethyl-	300	C21H32O	005062-43-1	38
2	1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	14
3	(2-Bromo-5-fluorophenyl)methanamine	203	C7H7BrFN	747392-34-3	14
4	Benzenemethanol, 3-hydroxy-	124	C7H8O2	000620-24-6	14
5	cis-Cyclohex-4-en-1,2-dicarboxyl...	338	C20H34O4	1000382-82-1	14





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ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
TOPSOIL

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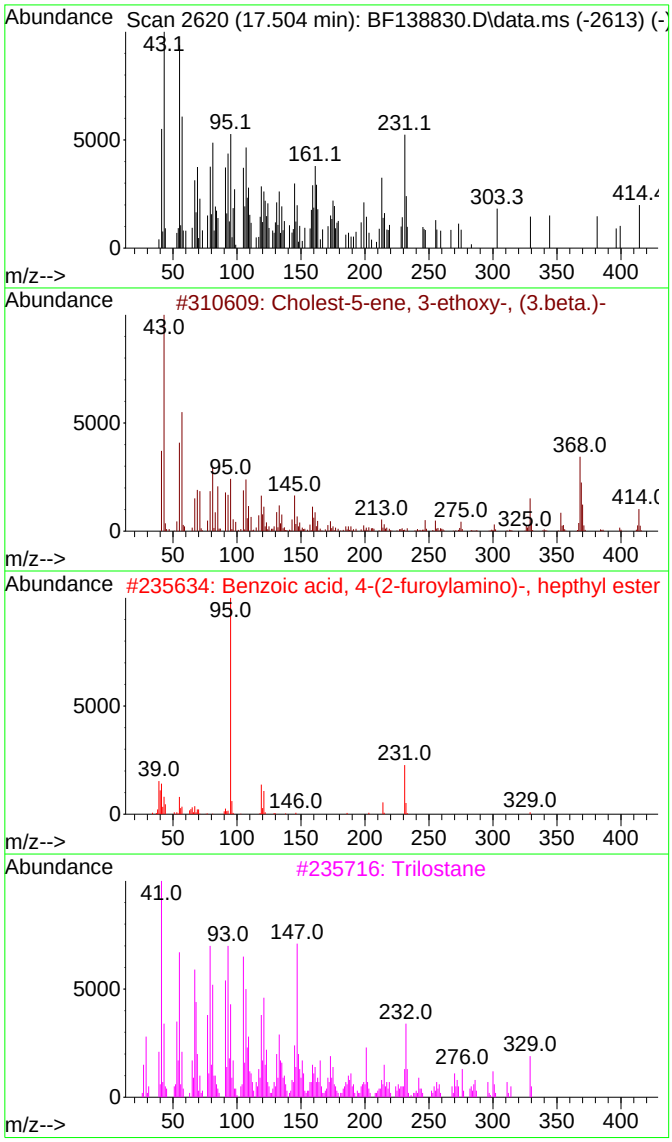
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

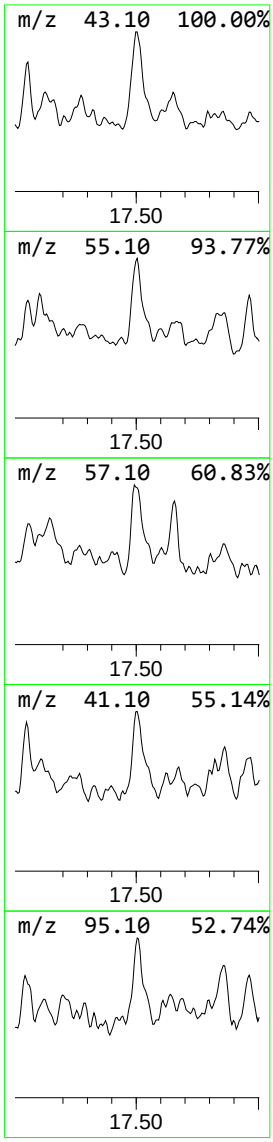
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Cholest-5-ene, 3-ethoxy-, (... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.504	12.64 ng	133196	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	60
2	Benzoic acid, 4-(2-furoylamino)-...	329	C19H23NO4	349488-71-7	35
3	Trilostane	329	C20H27NO3	013647-35-3	20
4	5,17-Dehydroallomatridine, (6.be...	232	C15H24N2	053537-50-1	14
5	Pregnanediol 3-acetate-20-tosylate	516	C30H44O5S	1010255-01-5	14





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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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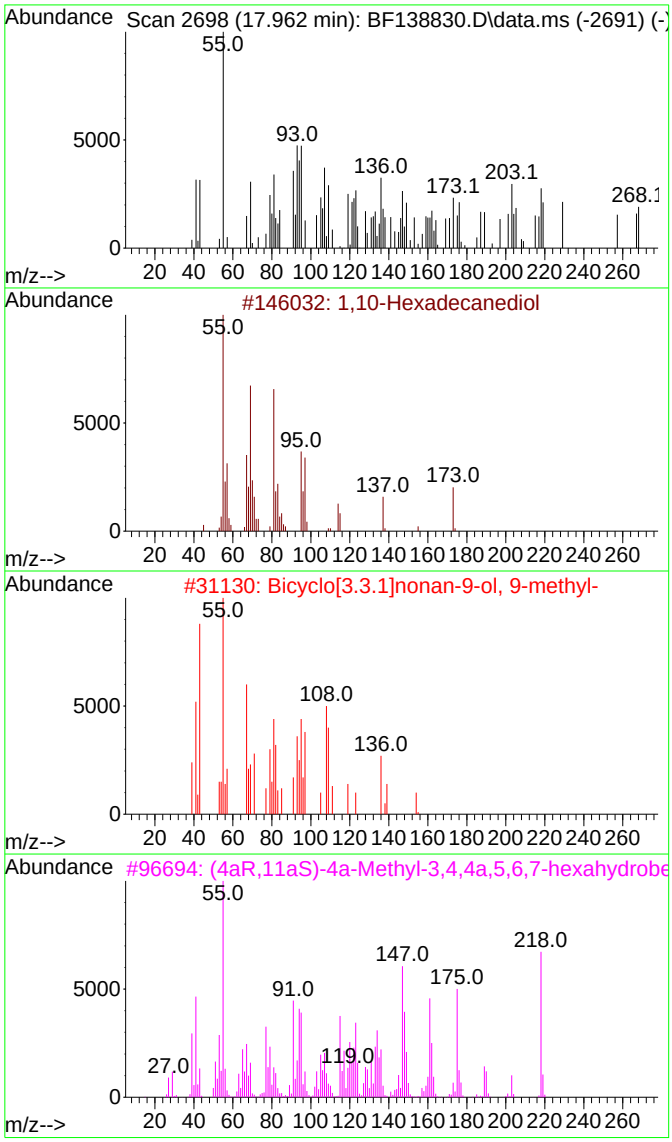
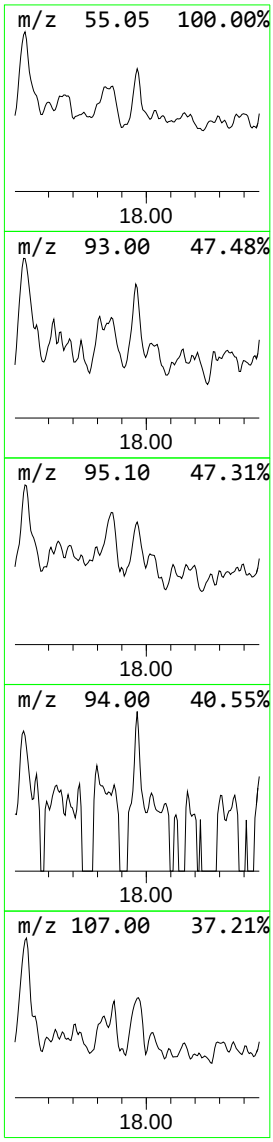
Peak Number 19 unknown17.962 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.962	4.26 ng	44949	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,10-Hexadecanediol	258	C16H34O2	039516-54-6	9
2	Bicyclo[3.3.1]nonan-9-ol, 9-methyl-	154	C10H18O	033832-25-6	9
3	(4aR,11aS)-4a-Methyl-3,4,4a,5,6,...	218	C14H18O2	1000482-61-3	9
4	1,4-Dibromo-2-cyclohexylbutane	296	C10H18Br2	071052-99-8	7
5	Ethanol, 2-bromo-	124	C2H5BrO	000540-51-2	5





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
Data File : BF138830.D
Acq On : 07 Aug 2024 03:40
Operator : RC/JU
Sample : P3464-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOPSOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

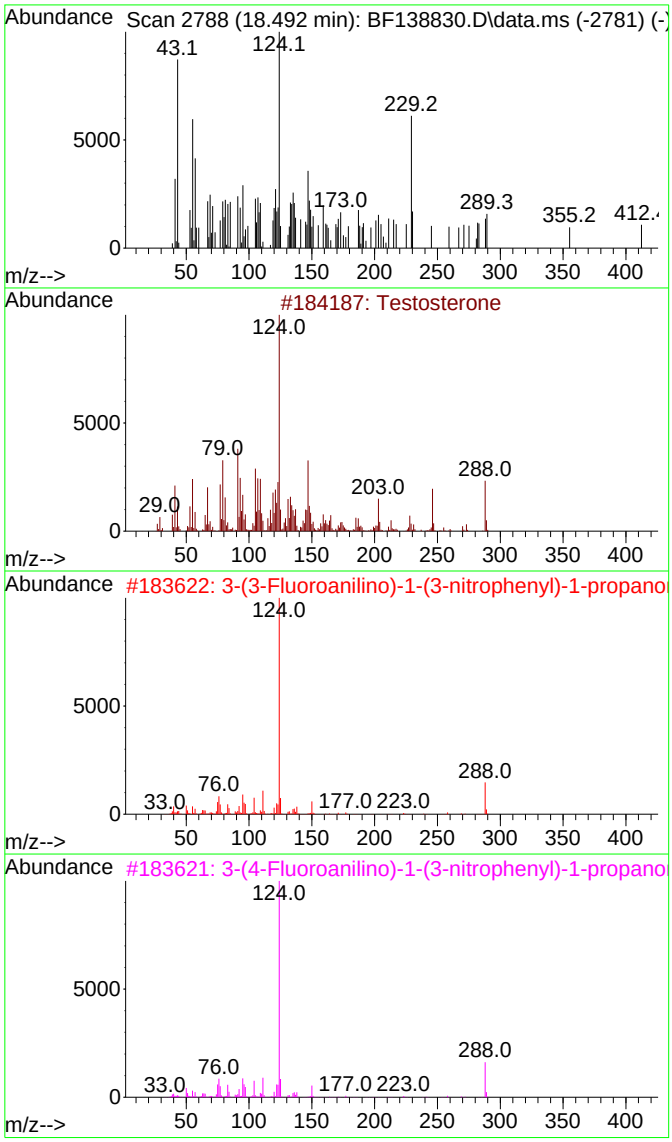
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

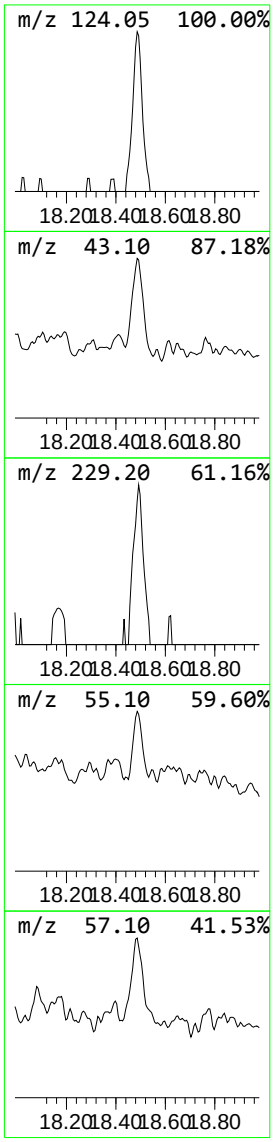
****

Peak Number 20 Testosterone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.492	7.40 ng	78045	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Testosterone	288	C19H28O2	000058-22-0	52
2	3-(3-Fluoroanilino)-1-(3-nitroph...	288	C15H13FN2O3	300726-64-1	35
3	3-(4-Fluoroanilino)-1-(3-nitroph...	288	C15H13FN2O3	350039-84-8	35
4	Thiophene-2-sulfonic acid, (3-fl...	271	C11H10FNO2S2	1000311-21-1	30
5	2,3-Diaminophenol	124	C6H8N2O	059649-56-8	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
Data File : BF138830.D
Acq On : 07 Aug 2024 03:40
Operator : RC/JU
Sample : P3464-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOPSOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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
2-Pentanone, 4-...	5.057	5.1	ng	62171	1	6.840	241735	20.0
Phenol, 4-(1,1,...	10.839	4.5	ng	59518	4	11.357	262688	20.0
4-(7-Methylocty...	10.875	6.0	ng	78604	4	11.357	262688	20.0
unknown10.904	10.904	4.9	ng	64231	4	11.357	262688	20.0
3-ethoxy-4-hydr...	10.980	4.6	ng	59875	4	11.357	262688	20.0
Acetamide, N-(2...	11.016	5.1	ng	67264	4	11.357	262688	20.0
4-(1,1-Dimethyl...	11.057	5.5	ng	72505	4	11.357	262688	20.0
n-Hexadecanoic ...	11.880	4.8	ng	62863	4	11.357	262688	20.0
2-((8Z,11Z)-Hep...	12.769	5.5	ng	73594	5	13.998	266818	20.0
Phenol, 4,4'-(1...	12.827	4.6	ng	61618	5	13.998	266818	20.0
Pentadecafluoro...	13.839	10.5	ng	139762	5	13.998	266818	20.0
Heptacosane	14.451	4.3	ng	58081	5	13.998	266818	20.0
Supraene	14.827	5.0	ng	53020	6	15.457	210837	20.0
Octacosane	15.086	8.0	ng	84577	6	15.457	210837	20.0
Hentriacontane	15.886	5.7	ng	60248	6	15.457	210837	20.0
Cholestan-3-one	16.339	9.5	ng	100262	6	15.457	210837	20.0
unknown17.057	17.057	4.3	ng	45867	6	15.457	210837	20.0
Cholest-5-ene, ...	17.504	12.6	ng	133196	6	15.457	210837	20.0
unknown17.962	17.962	4.3	ng	44949	6	15.457	210837	20.0
Testosterone	18.492	7.4	ng	78045	6	15.457	210837	20.0