LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
Data File : BF138873.D
Acq On : 08 Aug 2024 19:02
Operator : RC/JU
Sample : P3464-01
Misc :
ALS Vial : 19 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: BF138873.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	3	7	16	rVB	457163	691583	77.15%	8.359%
2	2.246	21	26	31	rBV	6444	10098	1.13%	0.122%
3	3.910	302	309	316	rBB	18595	29485	3.29%	0.356%
4	5.063	500	505	520	rVB	44924	68833	7.68%	0.832%
5	5.469	569	574	598	rVB	593600	809650	90.32%	9.786%
6	6.481	741	746	758	rBV	624351	827987	92.36%	10.007%
7	6.840	802	807	812	rVB	221773	268251	29.92%	3.242%
8	6.910	814	819	823	rBV	8881	10411	1.16%	0.126%
9	7.404	898	903	912	rVB	421165	529437	59.06%	6.399%
10	7.545	923	927	931	rBV	9307	11209	1.25%	0.135%
11	8.116	1019	1024	1032	rBV	258284	332088	37.04%	4.014%
12	8.440	1075	1079	1090	rBV	9749	16839	1.88%	0.204%
13	8.692	1118	1122	1128	rBV	13492	17924	2.00%	0.217%
14	9.192	1201	1207	1212	rBV	734443	896455	100.00%	10.835%
15	9.457	1247	1252	1257	rBV2	5828	10108	1.13%	0.122%
16	9.528	1258	1264	1267	rBV3	6899	10627	1.19%	0.128%
17	9.869	1317	1322	1327	rBV	259895	320011	35.70%	3.868%
18	9.963	1333	1338	1345	rVB3	17740	29594	3.30%	0.358%
19	10.663	1452	1457	1466	rBV	263408	356742	39.79%	4.312%
20	10.786	1472	1478	1483	rVB3	28107	50090	5.59%	0.605%
21	10.839	1483	1487	1489	rBV	46189	59851	6.68%	0.723%
22	10.875	1489	1493	1496	rVV2	57295	99051	11.05%	1.197%
23	10.904	1496	1498	1501	rVV	53116	71887	8.02%	0.869%
24	10.975	1505	1510	1514	rVV2	27562	65963	7.36%	0.797%
25	11.016	1514	1517	1521	rVV3	47903	75567	8.43%	0.913%
26	11.057	1521	1524	1528	rVV	50479	84663	9.44%	1.023%
27	11.098	1528	1531	1537	rVB2	31512	45558	5.08%	0.551%
28	11.239	1547	1555	1562	rBV6	9777	19355	2.16%	0.234%
29	11.357	1570	1575	1586	rBV	204680	266387	29.72%	3.220%
30	11.880	1660	1664	1676	rVB4	22048	43391	4.84%	0.524%
31	12.427	1751	1757	1767	rVB9	5189	17215	1.92%	0.208%
32	12.569	1777	1781	1784	rBV	18628	24189	2.70%	0.292%
33	12.769	1810	1815	1818	rBV	47580	64607	7.21%	0.781%
34	12.798	1818	1820	1823	rVV	23185	28773	3.21%	0.348%
35	12.833	1823	1826	1838	rVB	27705	46950	5.24%	0.567%
36	12.939	1838	1844	1850	rBV	458949	589780	65.79%	7.128%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
Data File : BF138873.D
Acq On : 08 Aug 2024 19:02
Operator : RC/JU
Sample : P3464-01
Misc :
ALS Vial : 19 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	13.157	1878	1881	1885	rBV	13656	16473	1.84%	0.199%
38	13.498	1935	1939	1944	rVB	20720	27713	3.09%	0.335%
39	13.622	1957	1960	1969	rBV9	5115	10664	1.19%	0.129%
40	13.827	1991	1995	1997	rBV	23556	29110	3.25%	0.352%
41	13.863	1997	2001	2010	rVB6	23096	59082	6.59%	0.714%
42	13.992	2019	2023	2035	rVB	166581	250727	27.97%	3.030%
43	14.145	2045	2049	2054	rBV	24670	35032	3.91%	0.423%
44	14.445	2096	2100	2104	rBV	38550	48917	5.46%	0.591%
45	14.504	2105	2110	2118	rBV6	24805	67412	7.52%	0.815%
46	14.751	2148	2152	2157	rVB	27980	39079	4.36%	0.472%
47	14.821	2161	2164	2172	rVB2	29917	48928	5.46%	0.591%
48	15.080	2204	2208	2215	rVB	69252	101363	11.31%	1.225%
49	15.457	2267	2272	2288	rVB	136628	238863	26.65%	2.887%
50	15.657	2303	2306	2311	rVB4	17354	24223	2.70%	0.293%
51	15.880	2340	2344	2350	rVB	42986	68961	7.69%	0.833%
52	16.327	2416	2420	2426	rBV7	32388	69279	7.73%	0.837%
53	17.051	2539	2543	2550	rVB5	22986	40597	4.53%	0.491%
54	17.504	2614	2620	2634	rBV5	28553	117939	13.16%	1.425%
55	18.480	2780	2786	2800	rVB5	26564	78741	8.78%	0.952%

Sum of corrected areas: 8273712

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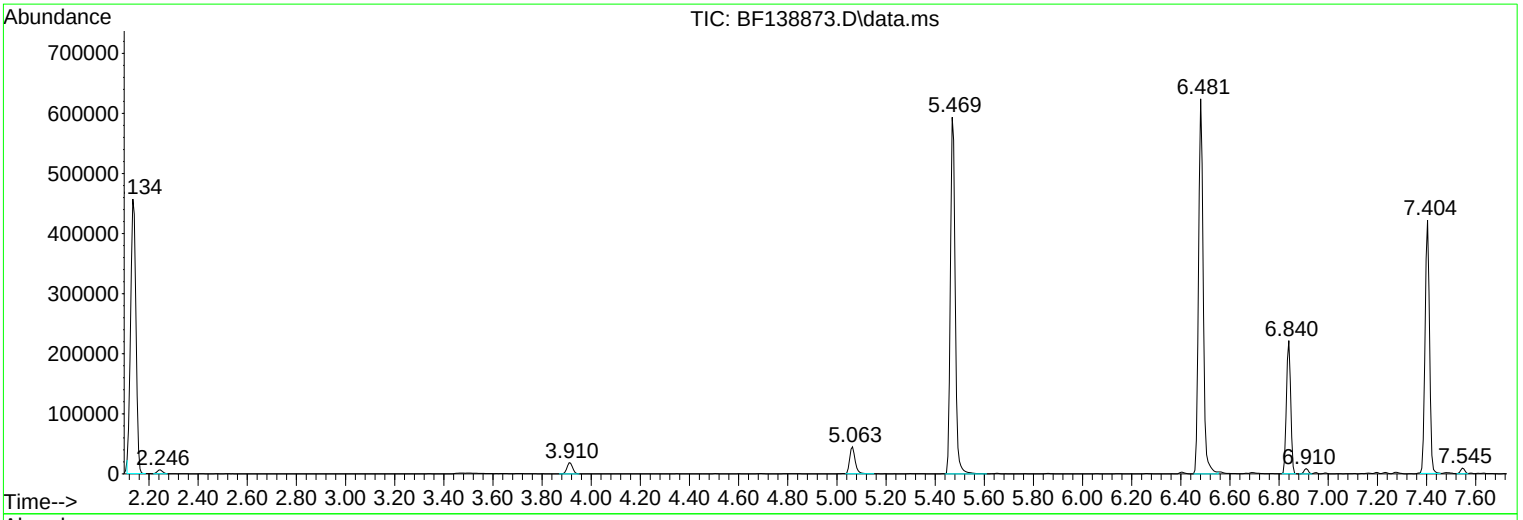
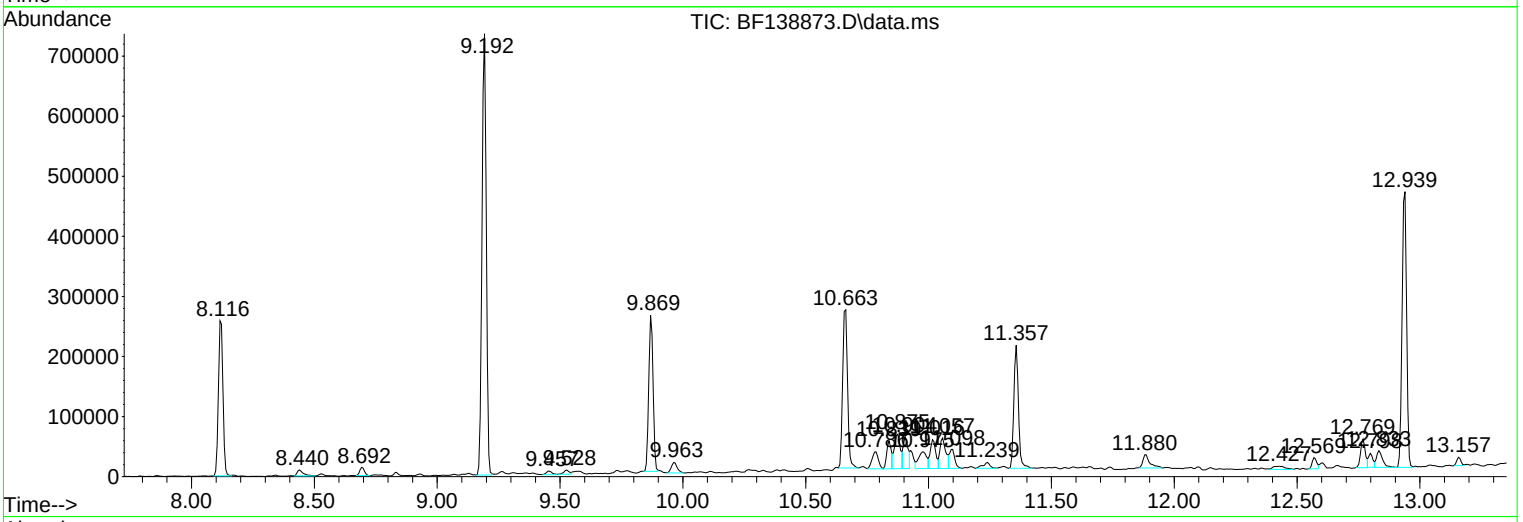
Misc :
ALS Vial : 19 Sample Multiplier: 1

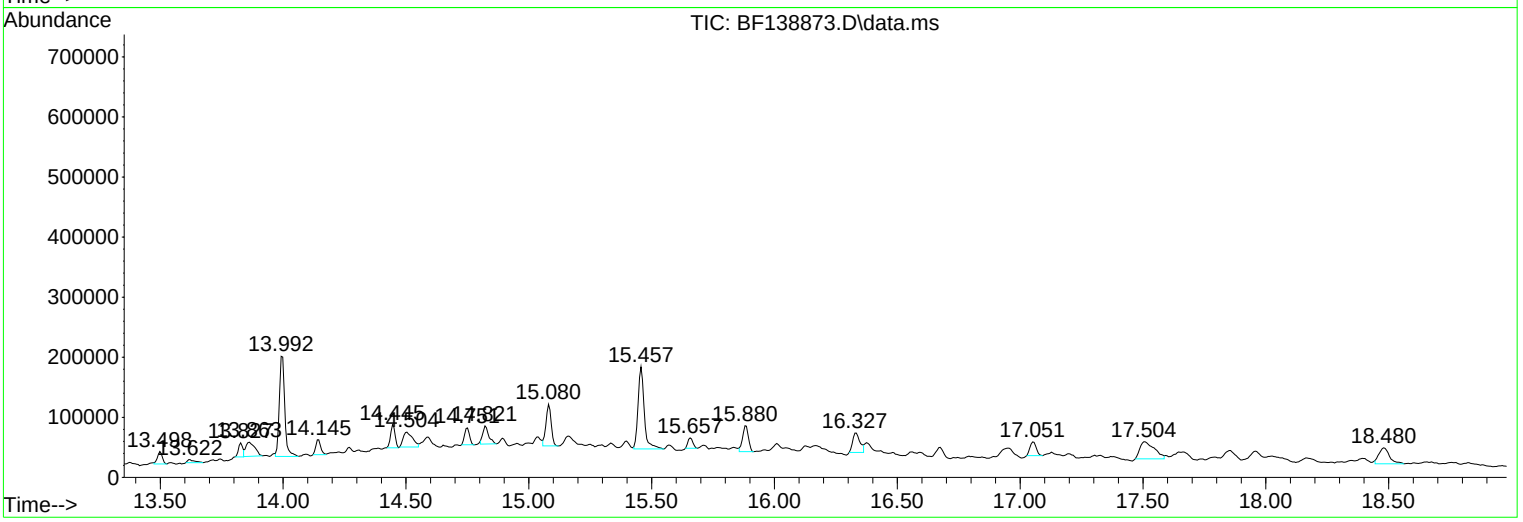
Instrument :
BNA_F
ClientSampleId :
TOPSOIL

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\BF080824\
Data File : BF138873.D
Acq On : 08 Aug 2024 19:02
Operator : RC/JU
Sample : P3464-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOPSOIL

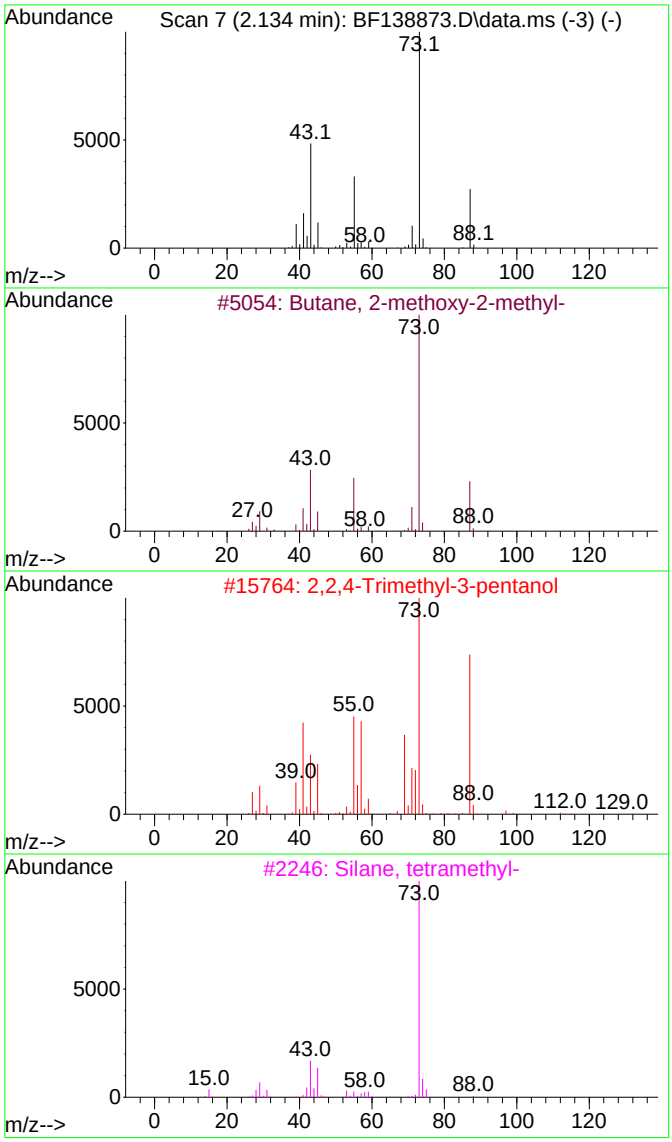
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

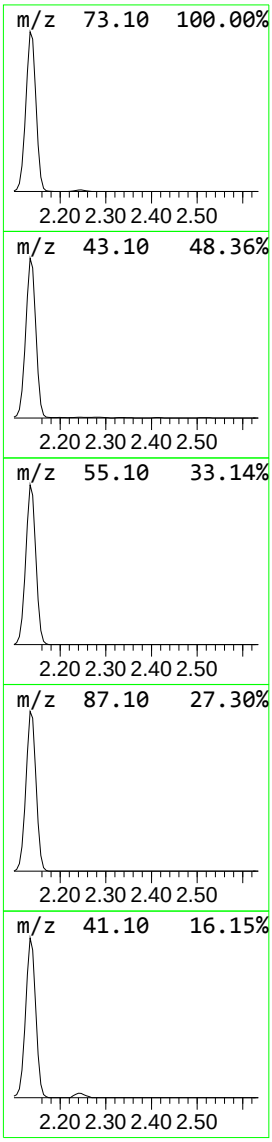
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.134	51.56 ng	691583	1,4-Dichlorobenzene-d4	6.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
Data File : BF138873.D
Acq On : 08 Aug 2024 19:02
Operator : RC/JU
Sample : P3464-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOPSOIL

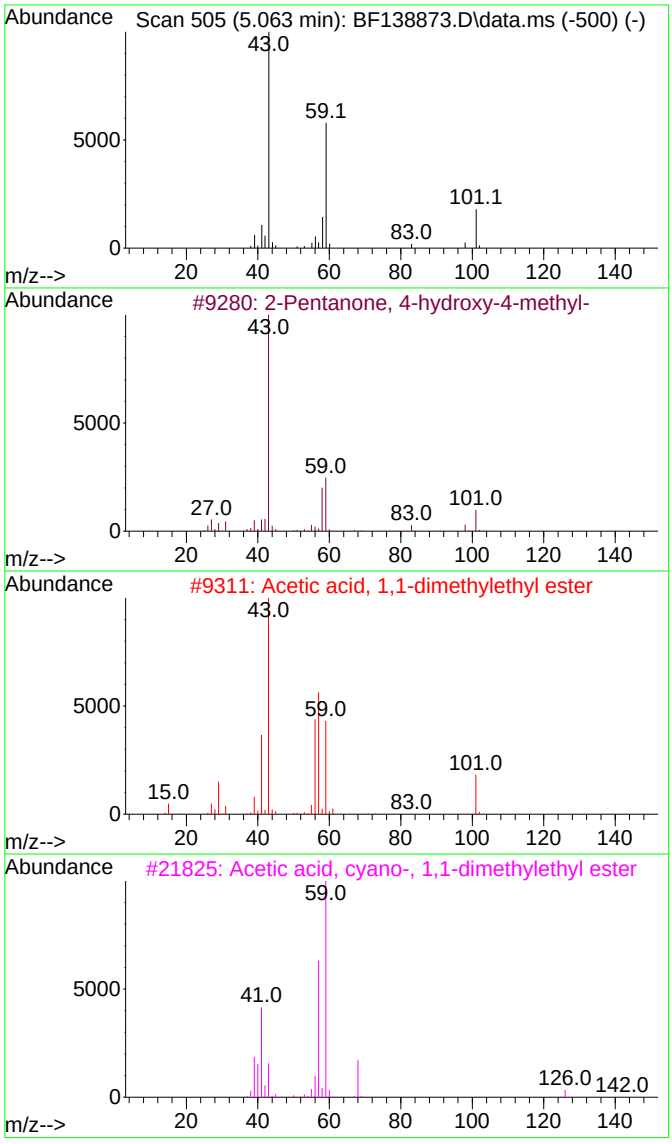
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

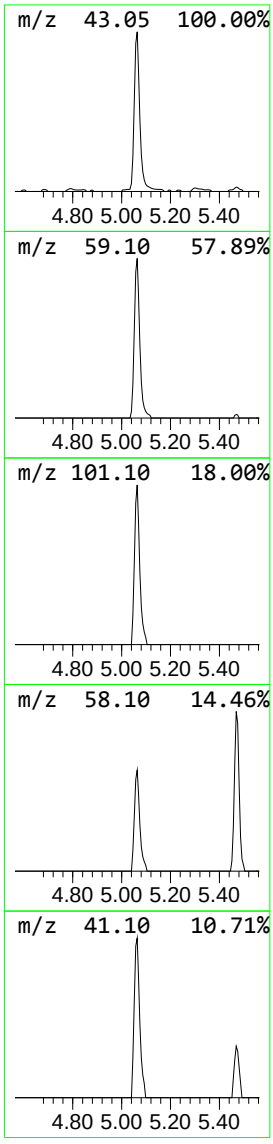
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.063	5.13 ng	68833	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	64
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	32
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	32
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
Data File : BF138873.D
Acq On : 08 Aug 2024 19:02
Operator : RC/JU
Sample : P3464-01
Misc :
ALS Vial : 19 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

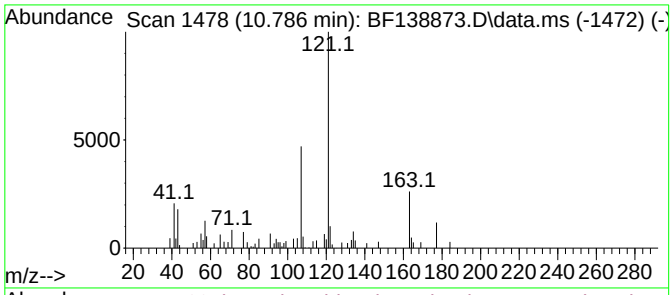
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

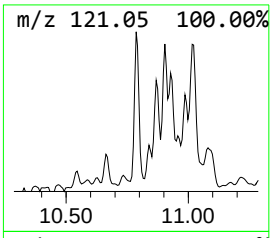
****

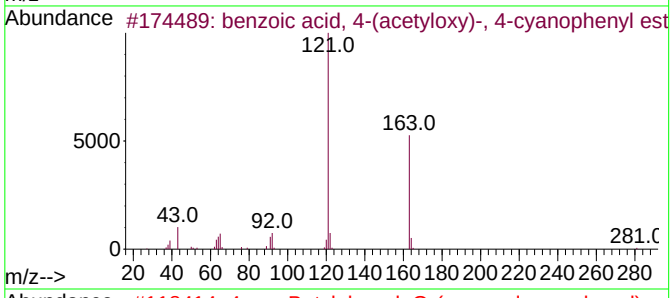
Peak Number 3 unknown10.786 Concentration Rank 18

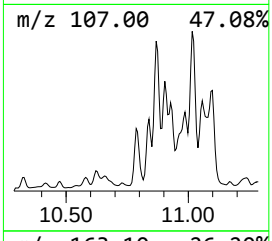
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.786	3.76 ng	50090	Phenanthrene-d10	11.357

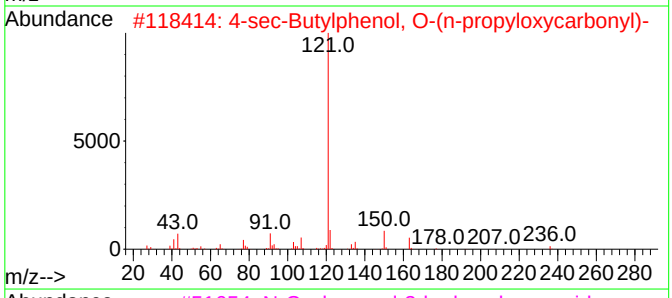
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	benzoic acid, 4-(acetyloxy)-, 4-...	281	C16H11NO4	1000401-91-0	47
2	4-sec-Butylphenol, O-(n-propylox...	236	C14H20O3	1000487-26-7	47
3	N-Cyclopropyl-2-hydroxybenzamide	177	C10H11NO2	440111-82-0	43
4	Oxalic acid, isobutyl 2-isopropy...	264	C15H20O4	1000309-56-2	43
5	4-sec-Butylphenol, O-isopropylox...	236	C14H20O3	1201410-83-4	43

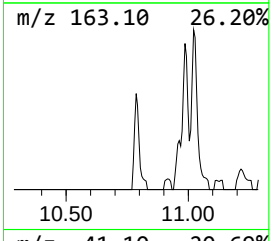


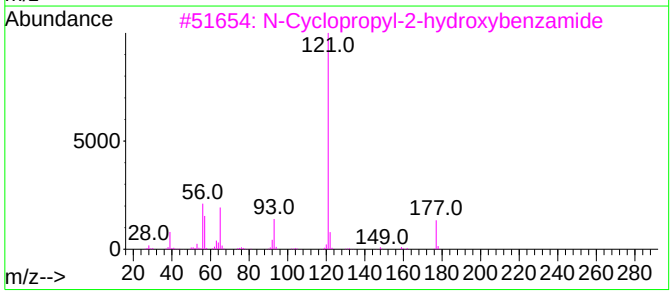


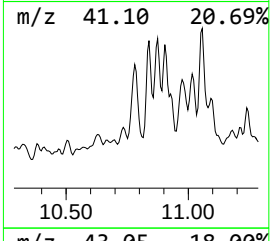


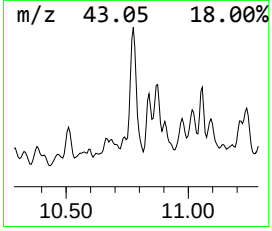












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
Data File : BF138873.D
Acq On : 08 Aug 2024 19:02
Operator : RC/JU
Sample : P3464-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOPSOIL

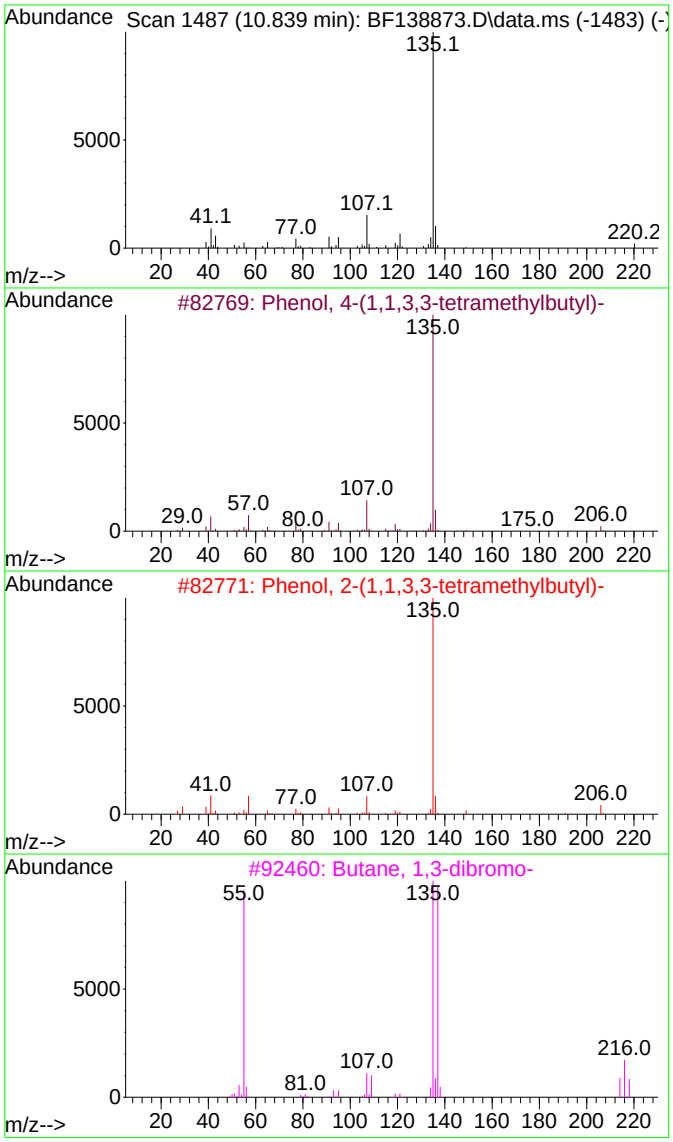
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

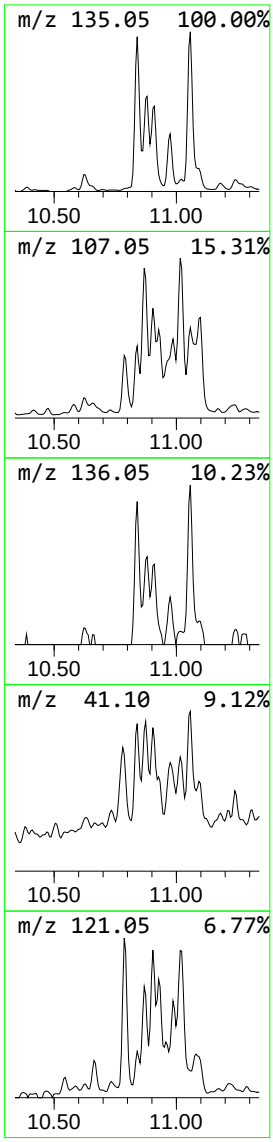
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.839	4.49 ng	59851	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	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	78
3	Butane, 1,3-dibromo-	214	C4H8Br2	000107-80-2	78
4	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	72
5	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
Data File : BF138873.D
Acq On : 08 Aug 2024 19:02
Operator : RC/JU
Sample : P3464-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOPSOIL

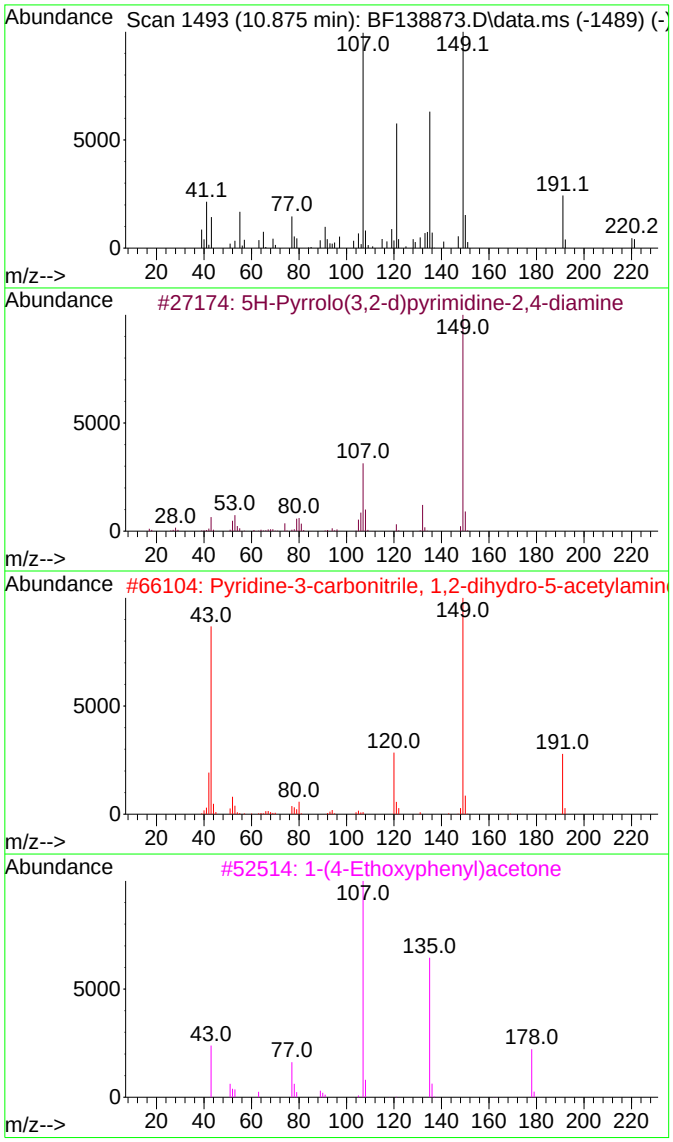
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

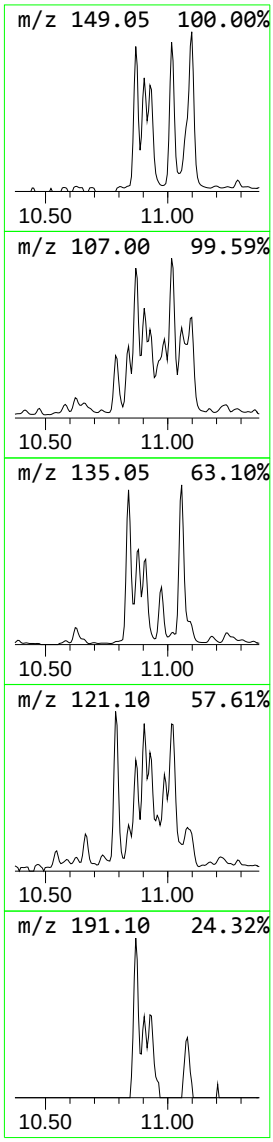
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 5H-Pyrrolo(3,2-d)pyrimidine... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.875	7.44 ng	99051	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	52
2	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	38
3	1-(4-Ethoxyphenyl)acetone	178	C11H14O2	144818-72-4	35
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	35
5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
Data File : BF138873.D
Acq On : 08 Aug 2024 19:02
Operator : RC/JU
Sample : P3464-01
Misc :
ALS Vial : 19 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

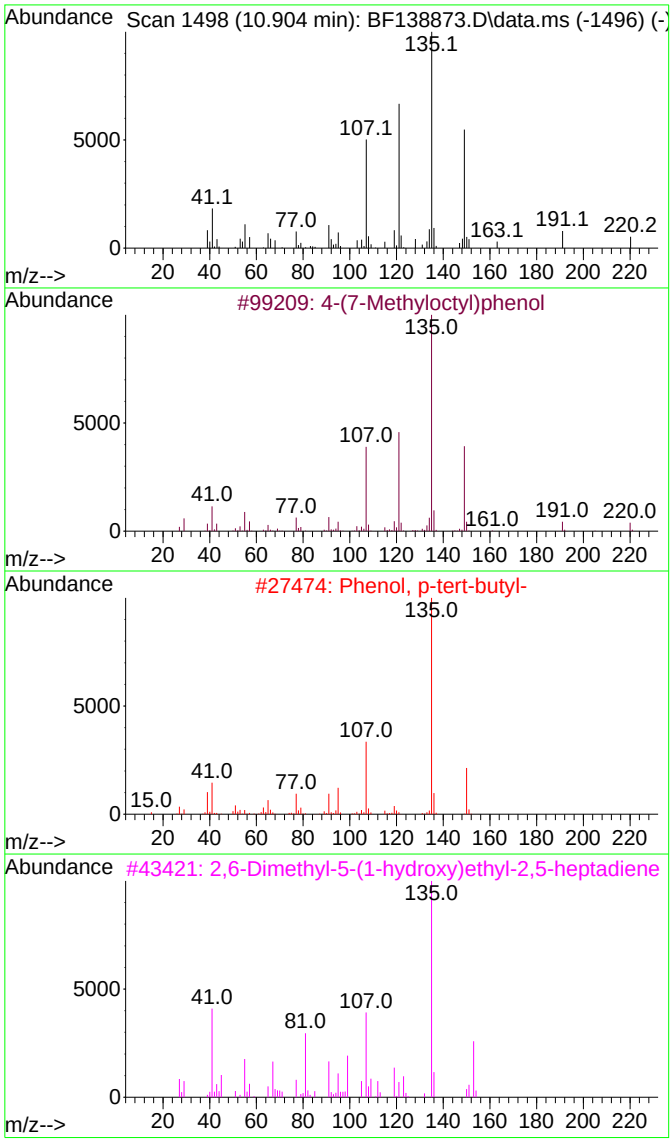
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

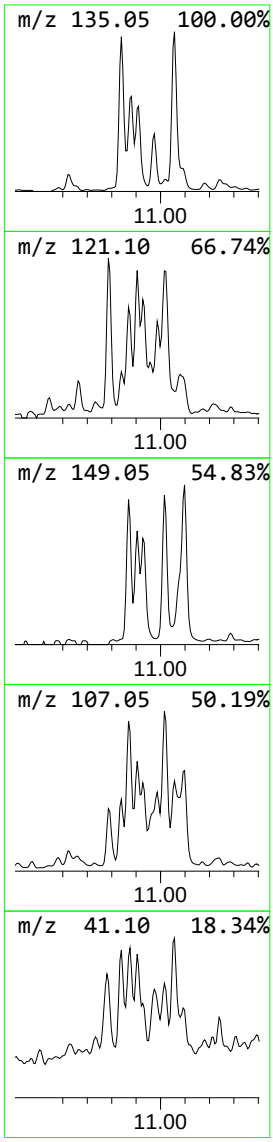
****

Peak Number 6 4-(7-Methyloctyl)phenol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.904	5.40 ng	71887	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	95
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	58
3	2,6-Dimethyl-5-(1-hydroxy)ethyl-...	168	C11H20O	1000432-12-3	50
4	2-tert-Butylphenol, acetate	192	C12H16O2	003245-25-8	50
5	Imidazo[1,2-c]pyrimidin-5-ol, ac...	177	C8H7N3O2	1000509-01-4	47





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Sample : P3464-01
Misc :
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ClientSampleId :
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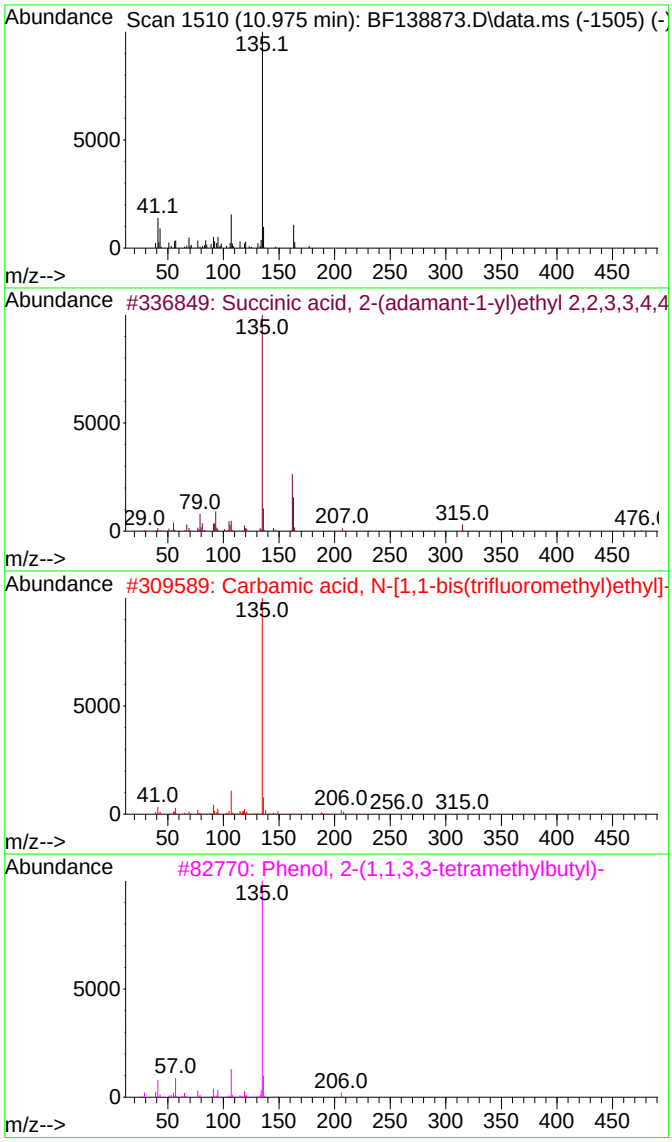
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

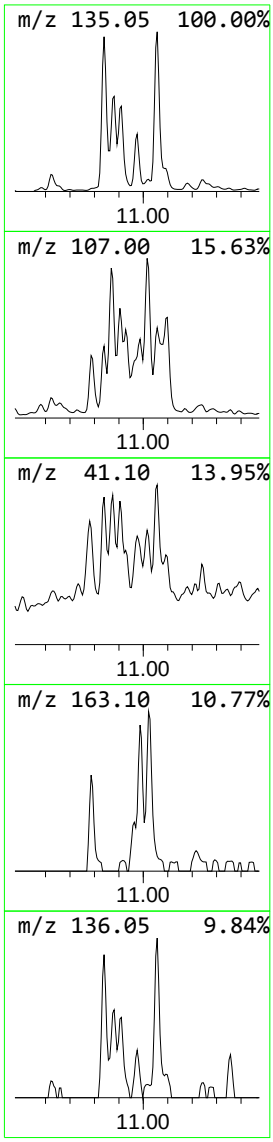
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Succinic acid, 2-(adamant-1... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.975	4.95 ng	65963	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Succinic acid, 2-(adamant-1-yl)e...	494	C21H26F8O4	1000391-36-2	64
2	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	64
3	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	64
4	Succinic acid, 2-(adamant-1-yl)e...	394	C19H26F4O4	1000391-36-1	64
5	Hexestrol, O-isopropyloxycarbonyl-	356	C22H28O4	1000487-68-4	59





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Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
TOPSOIL

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

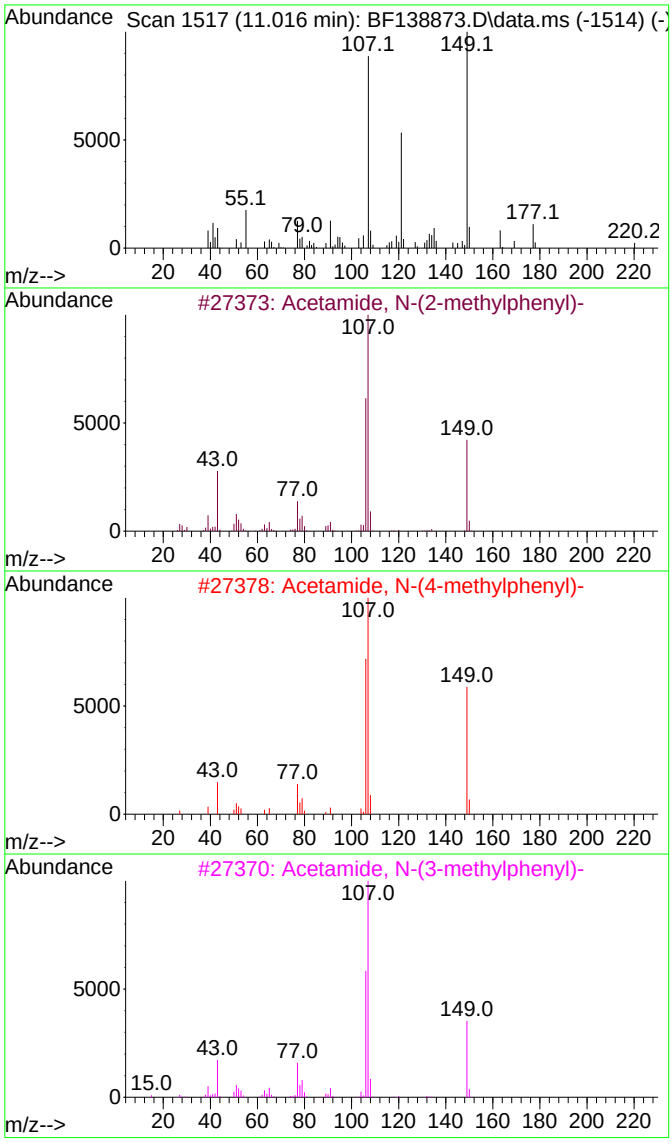
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

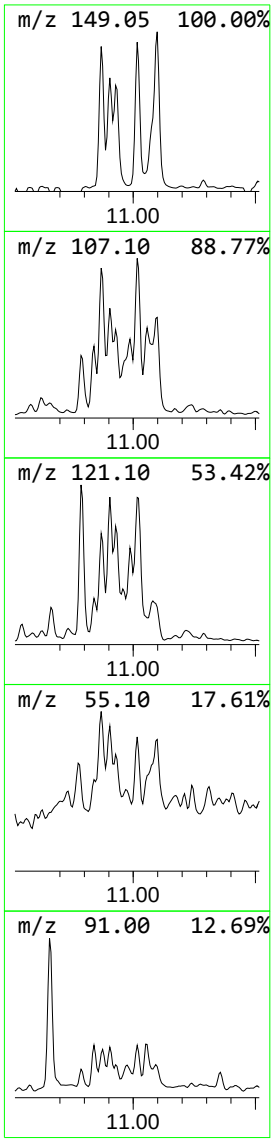
****

Peak Number 8 unknown11.016 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.016	5.67 ng	75567	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	49
2	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	47
3	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	47
4	Benzeneamine, 3-hexyl-	177	C12H19N	036042-29-2	38
5	Phthalic acid, 5-methylhex-2-yl ...	292	C17H24O4	1000371-09-3	35





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ClientSampleId :
TOPSOIL

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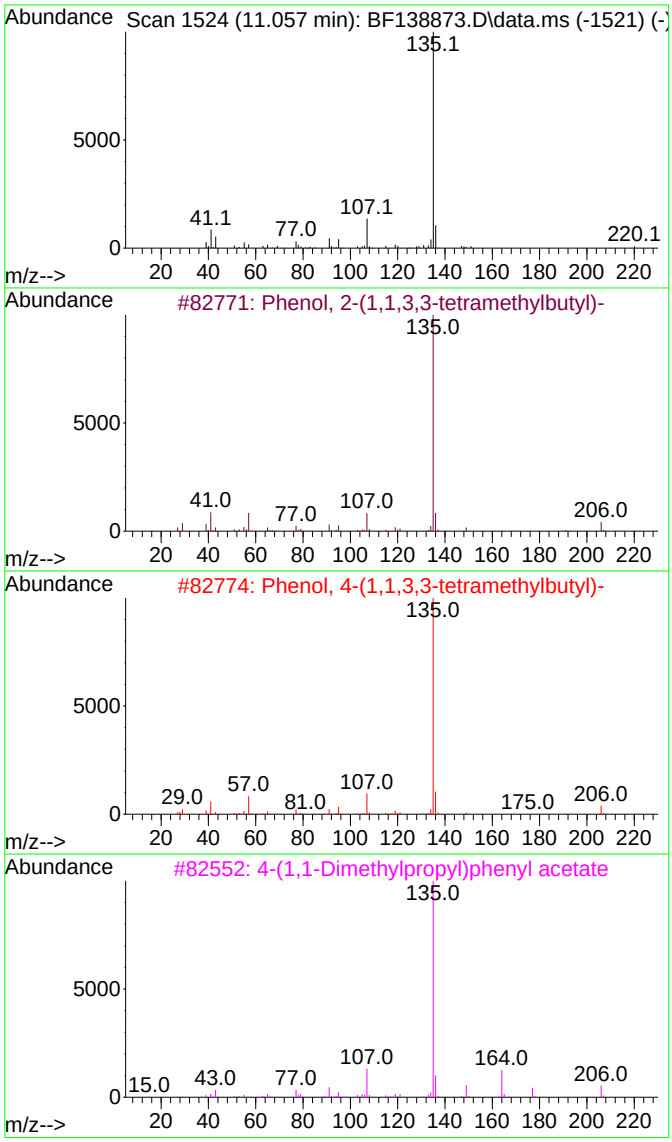
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

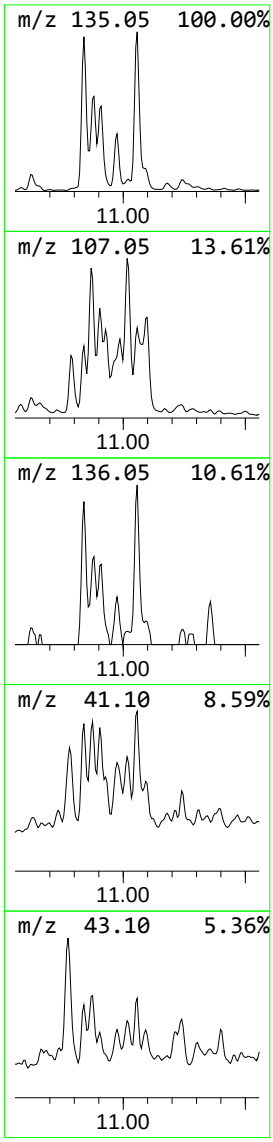
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenol, 2-(1,1,3,3-tetramet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.057	6.36 ng	84663	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	78
4	4-tert-Butylphenol, O-(n-propylo...	236	C14H20O3	1000487-25-4	56
5	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	56





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ClientSampleId :
TOPSOIL

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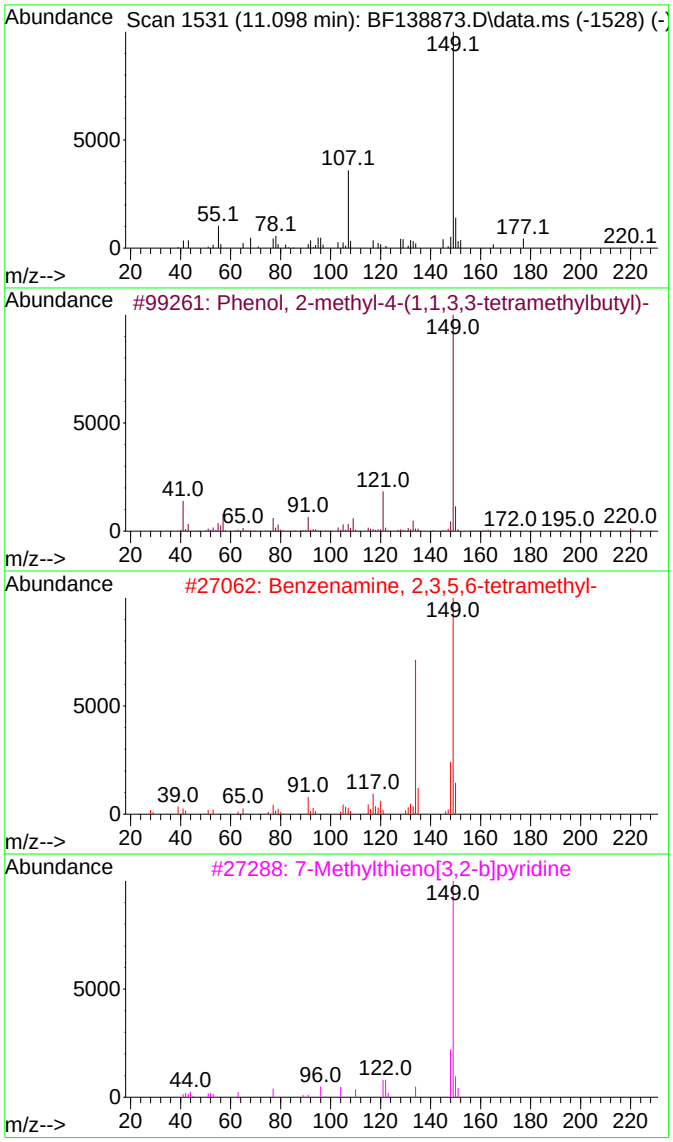
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

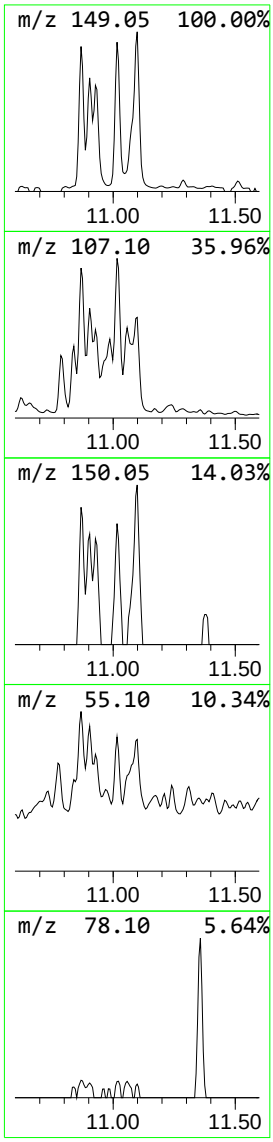
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenol, 2-methyl-4-(1,1,3,3... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.098	3.42 ng	45558	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	50
2	Benzenamine, 2,3,5,6-tetramethyl-	149	C10H15N	002217-46-1	47
3	7-Methylthieno[3,2-b]pyridine	149	C8H7NS	013362-83-9	47
4	2-t-Butyl-6-[2-hydroxy-2-(2,4,6-...	318	C19H26O4	1010192-88-0	45
5	1H-S-Triazolo[1,5-a]pyridin-4-iu...	149	C7H7N3O	013980-64-8	40





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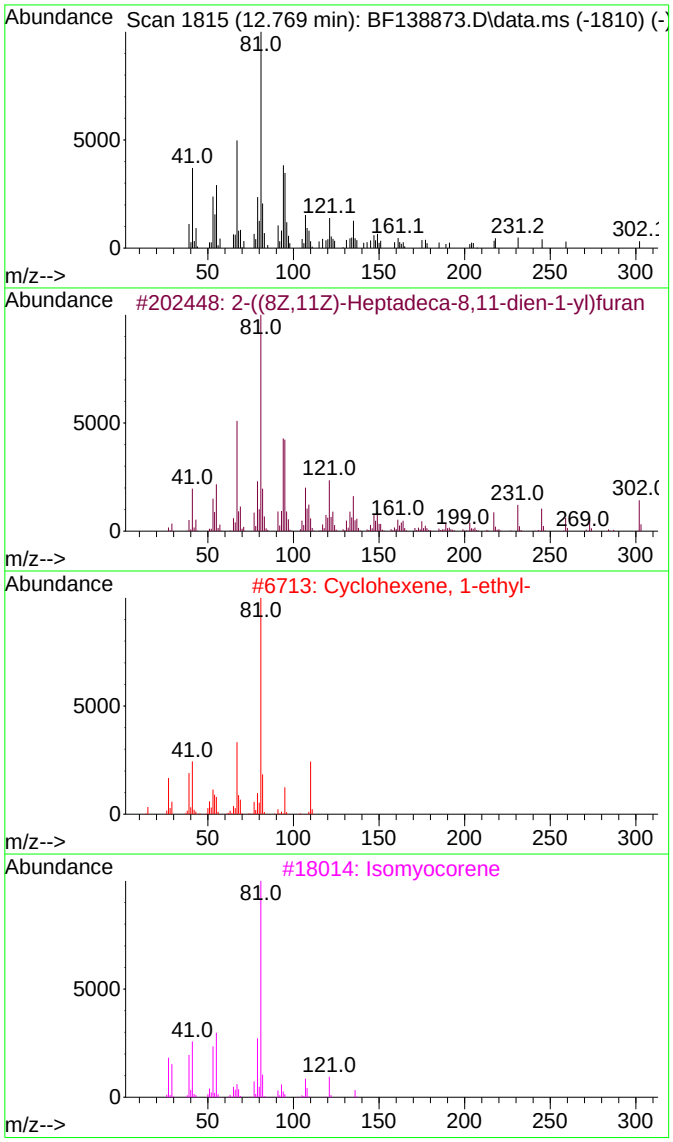
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

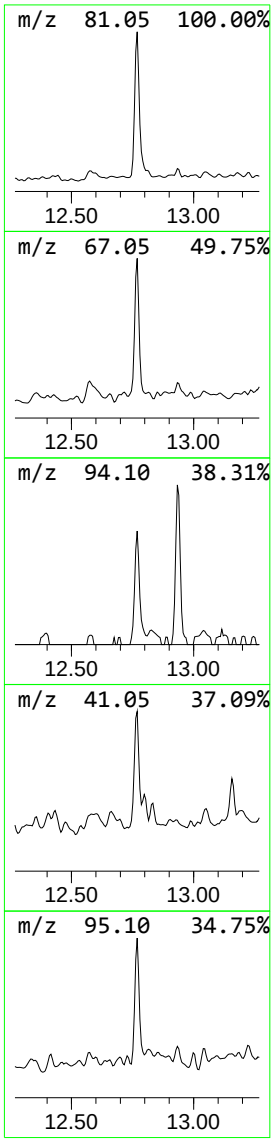
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.769	5.15 ng	64607	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	97
2	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	38
3	Isomyocorene	136	C10H16	006876-07-9	38
4	Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	38
5	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	35





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BNA_F
ClientSampleId :
TOPSOIL

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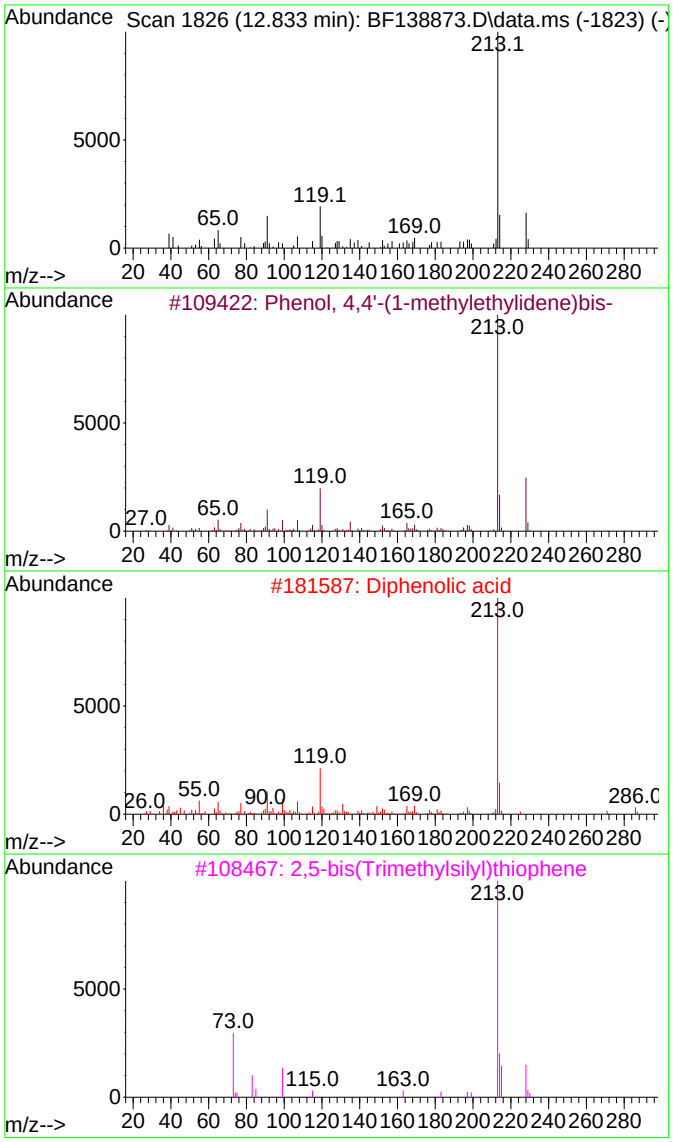
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

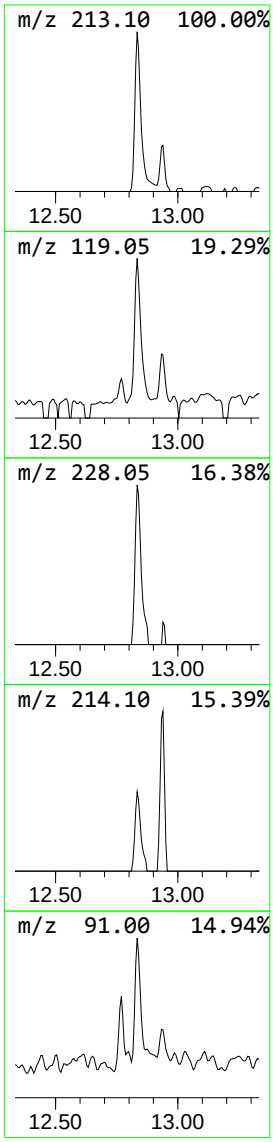
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenol, 4,4'-(1-methylethyl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.833	3.75 ng	46950	Chrysene-d12	13.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	94
2	Diphenolic acid	286	C17H18O4	000126-00-1	72
3	2,5-bis(Trimethylsilyl)thiophene	228	C10H20SSi2	017906-71-7	58
4	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	58
5	3,4'-Isopropylidenediphenol	228	C15H16O2	046765-25-7	58





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TOPSOIL

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

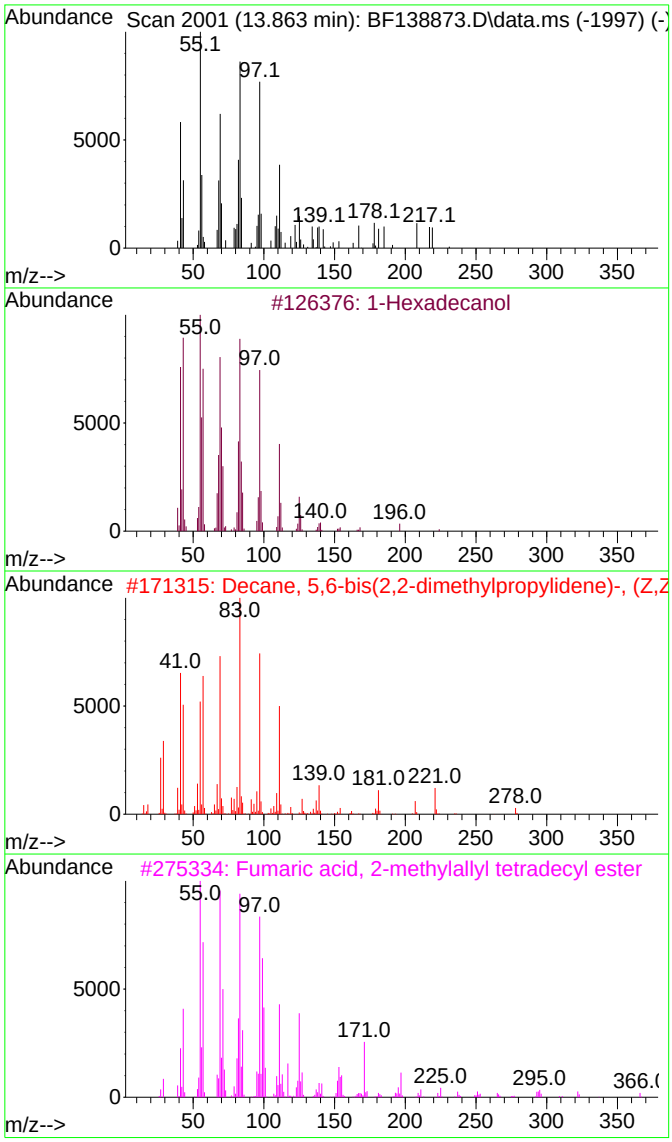
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

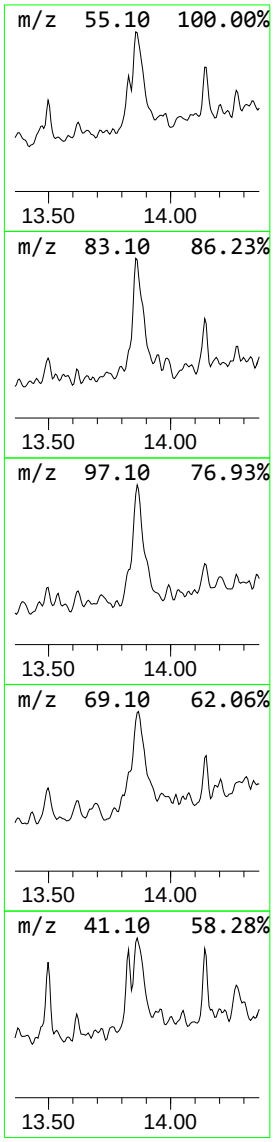
****

Peak Number 13 1-Hexadecanol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.863	4.71 ng	59082	Chrysene-d12	13.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	64
2	Decane, 5,6-bis(2,2-dimethylprop...	278	C20H38	073002-85-4	52
3	Fumaric acid, 2-methylallyl tetr...	366	C22H38O4	1000330-55-3	50
4	Behenic alcohol	326	C22H46O	000661-19-8	43
5	2,4-Pentadien-1-ol, 3-propyl-, (...	126	C8H14O	1000142-17-9	43





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Misc :
ALS Vial : 19 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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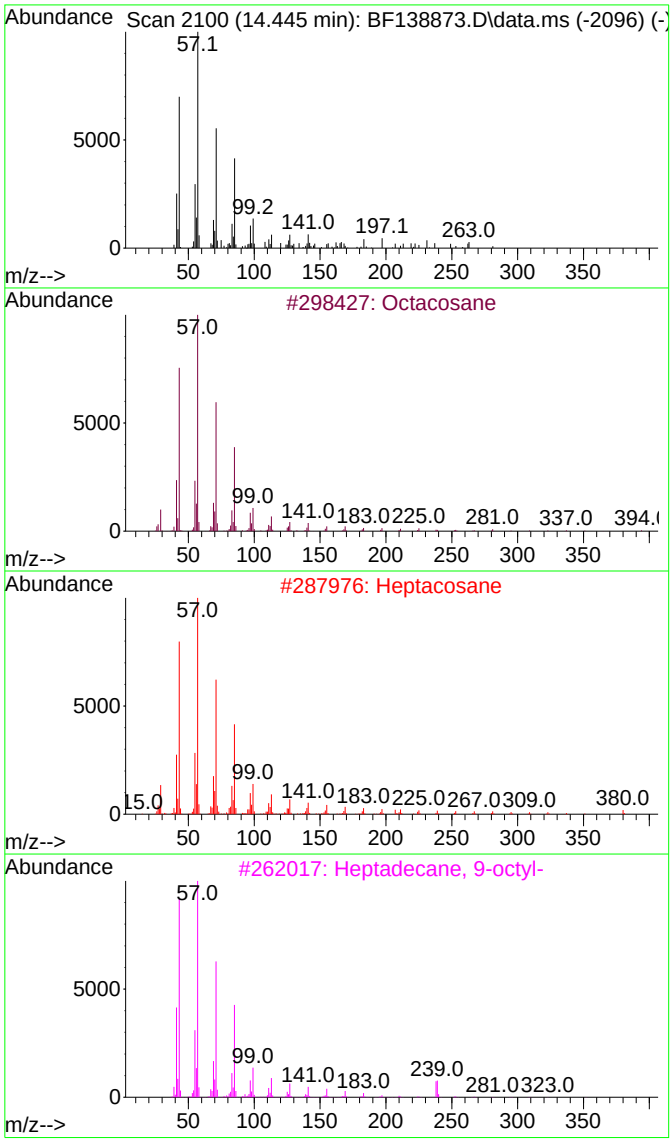
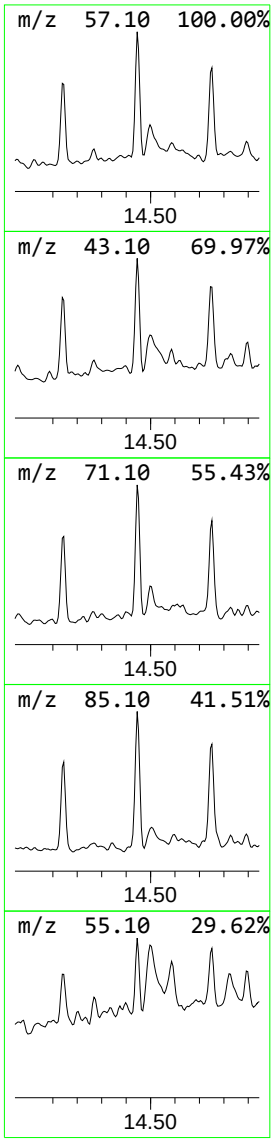
Peak Number 14 Octacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.445	3.90 ng	48917	Chrysene-d12	13.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Heptacosane	380	C27H56	000593-49-7	83
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	80
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	72





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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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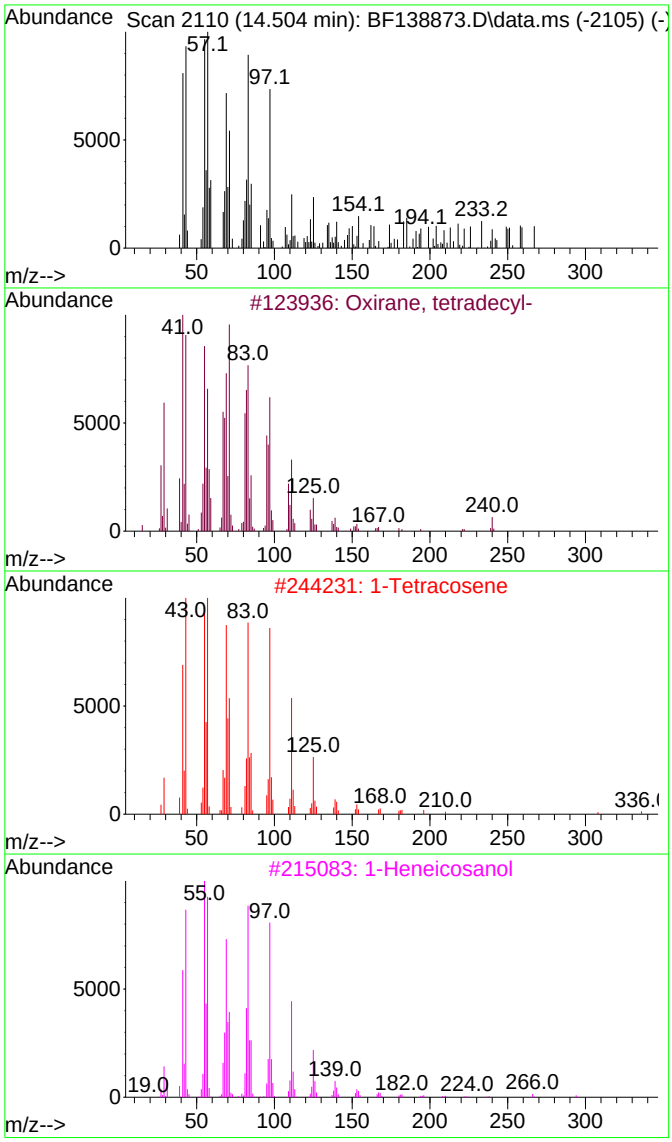
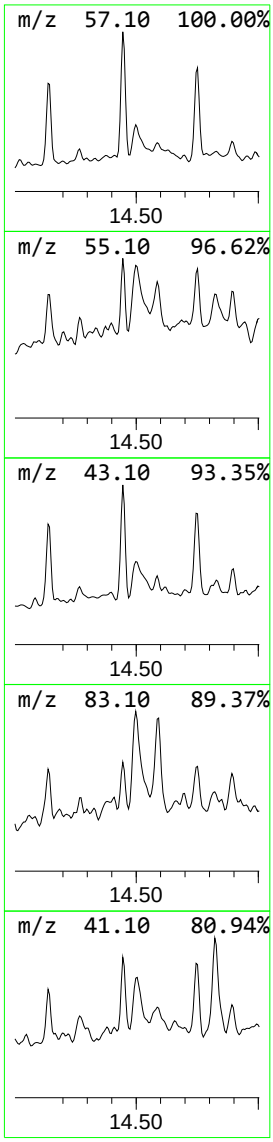
Peak Number 15 Oxirane, tetradecyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.504	5.38 ng	67412	Chrysene-d12	13.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, tetradecyl-	240	C16H32O	007320-37-8	58
2	1-Tetracosene	336	C24H48	010192-32-2	58
3	1-Heneicosanol	312	C21H44O	015594-90-8	58
4	1H-Imidazole, 4,5-dihydro-2-(1-m...	112	C6H12N2	040029-86-5	53
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	50





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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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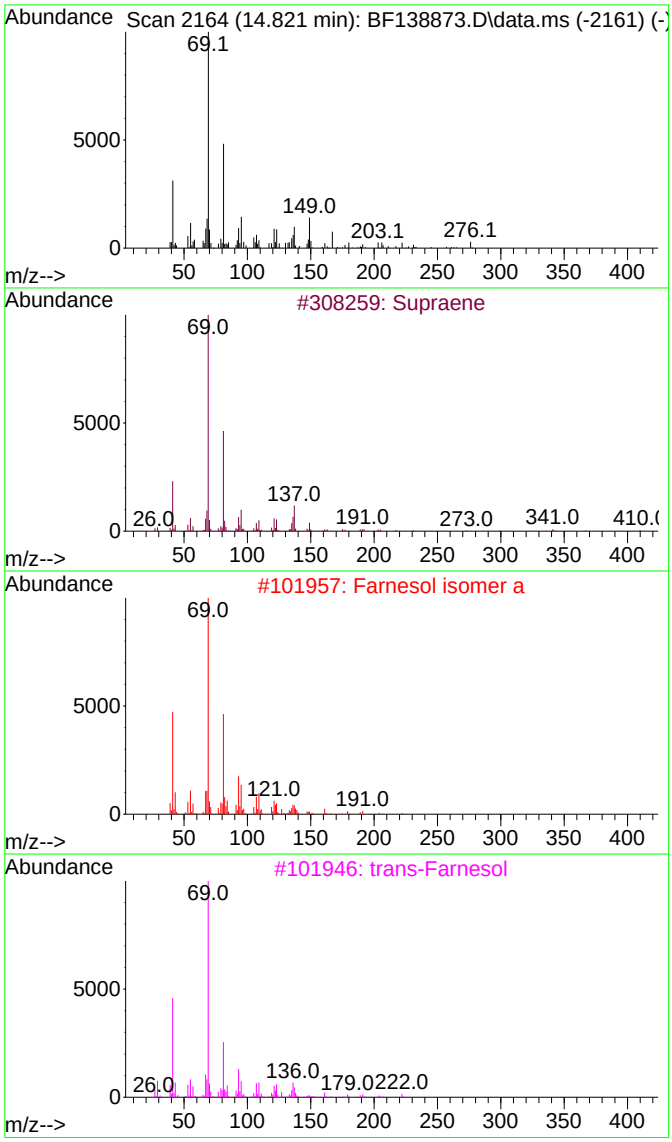
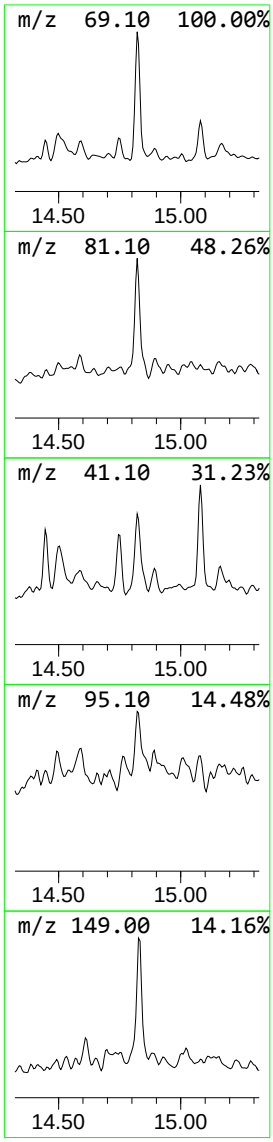
Peak Number 16 Supraene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.821	4.10 ng	48928	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	72
2	Farnesol isomer a	222	C15H26O	1000108-92-4	64
3	trans-Farnesol	222	C15H26O	000106-28-5	62
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	59
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	59





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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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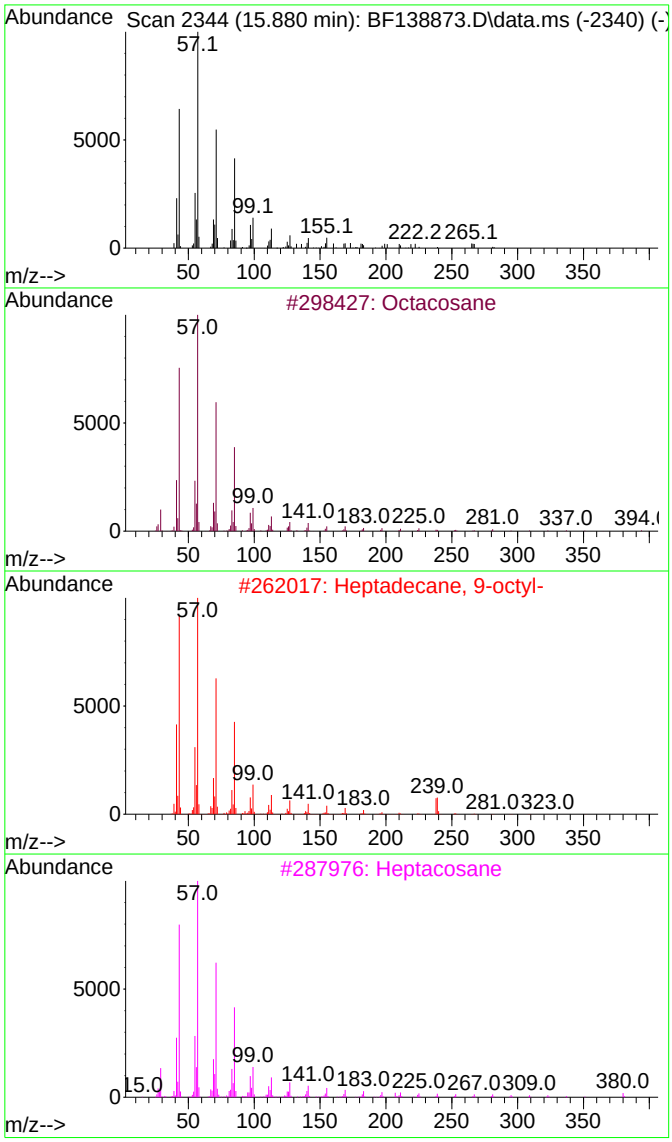
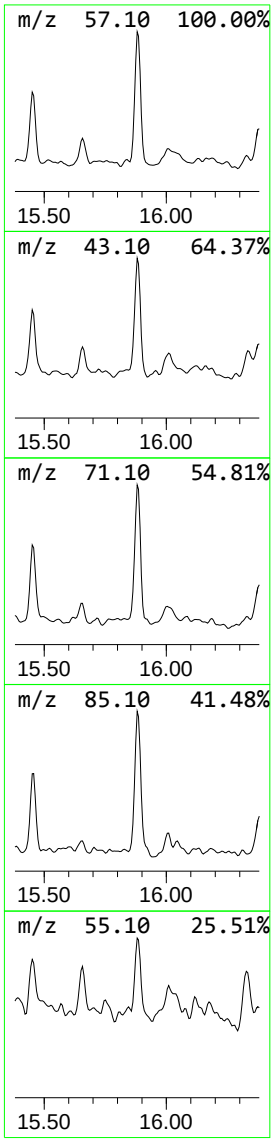
Peak Number 17 Heptadecane, 9-octyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.880	5.77 ng	68961	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3	Heptacosane	380	C27H56	000593-49-7	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87





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Acq On : 08 Aug 2024 19:02
Operator : RC/JU
Sample : P3464-01
Misc :
ALS Vial : 19 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

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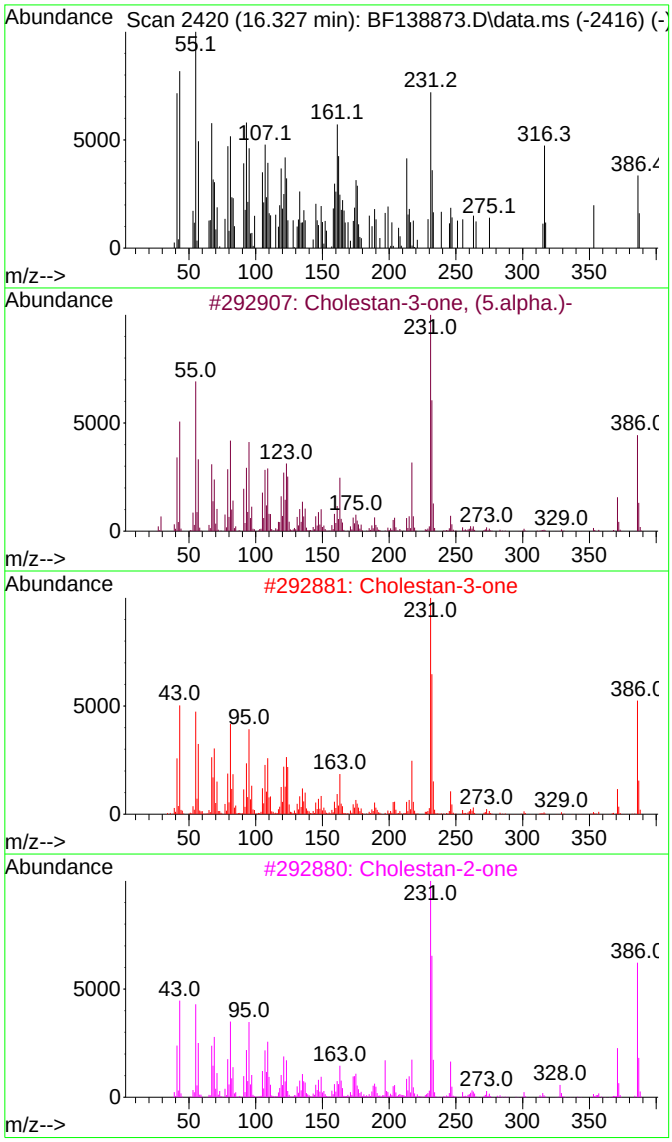
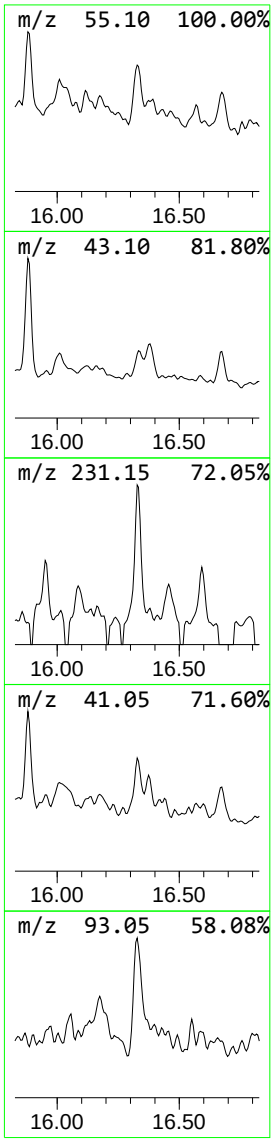
Peak Number 18 Cholestan-3-one, (5.alpha.)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.327	5.80 ng	69279	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-one, (5.alpha.)-	386	C27H46O	000566-88-1	55
2	Cholestan-3-one	386	C27H46O	015600-08-5	42
3	Cholestan-2-one	386	C27H46O	1010210-43-4	38
4	Cholestane, 14-methyl-	386	C28H50	052474-84-7	38
5	5.alpha.-Pregnane-12,20-dione	316	C21H32O2	006022-48-6	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
Data File : BF138873.D
Acq On : 08 Aug 2024 19:02
Operator : RC/JU
Sample : P3464-01
Misc :
ALS Vial : 19 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

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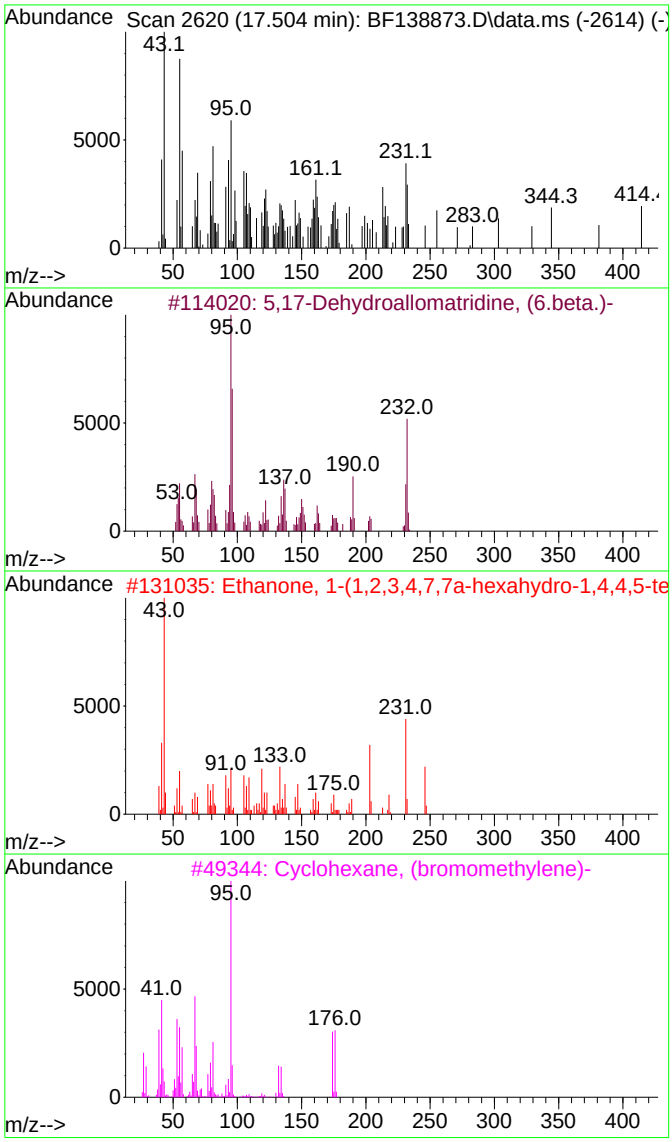
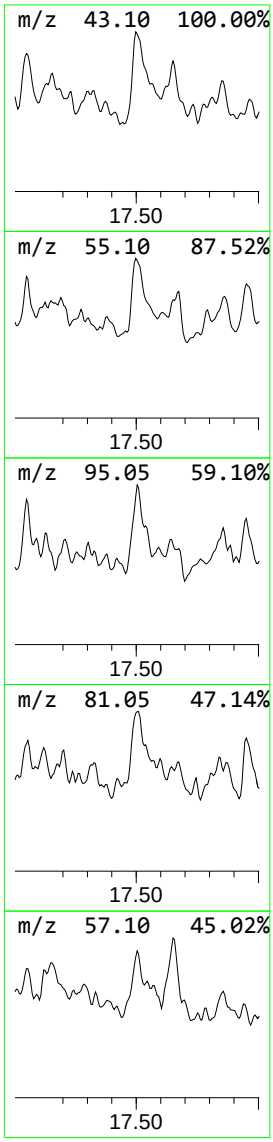
Peak Number 19 unknown17.504 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.504	9.88 ng	117939	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,17-Dehydroallomatridine, (6.be...	232	C15H24N2	053537-50-1	22
2	Ethanone, 1-(1,2,3,4,7,7a-hexahy...	246	C17H26O	032388-58-2	16
3	Cyclohexane, (bromomethylene)-	174	C7H11Br	001121-49-9	15
4	13,13,14,14,14-Pentafluoro-Z-11-...	344	C16H25F5O2	159600-13-2	14
5	Ethanone, 1-[1-(furan-2-carbonyl...	232	C12H12N2O3	1000304-75-4	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
Data File : BF138873.D
Acq On : 08 Aug 2024 19:02
Operator : RC/JU
Sample : P3464-01
Misc :
ALS Vial : 19 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

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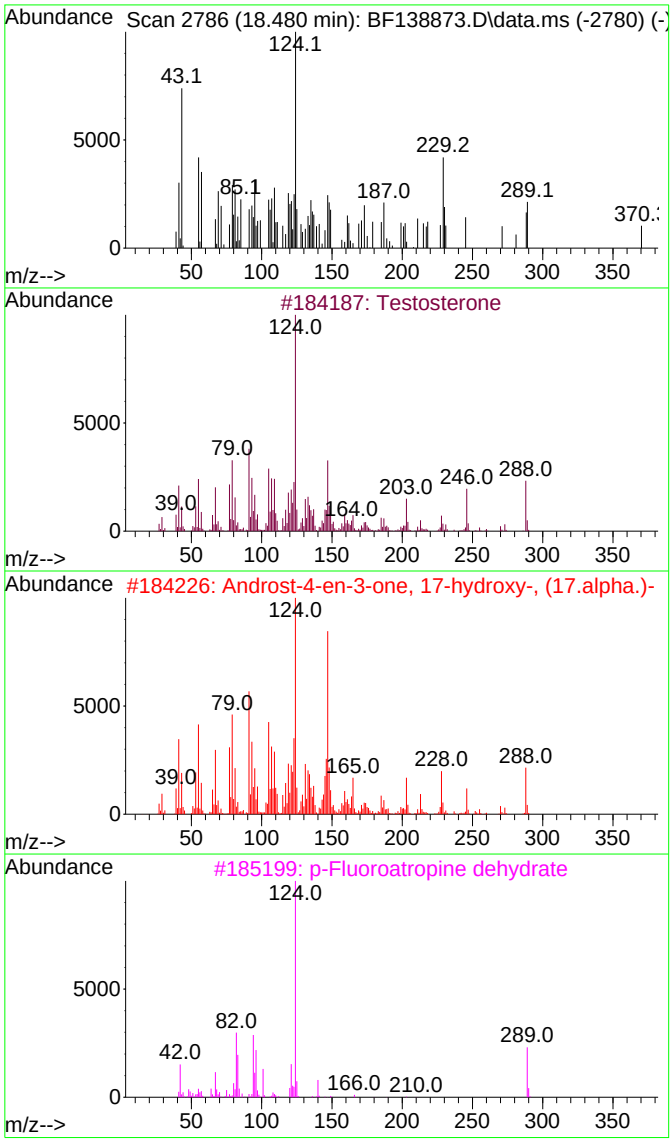
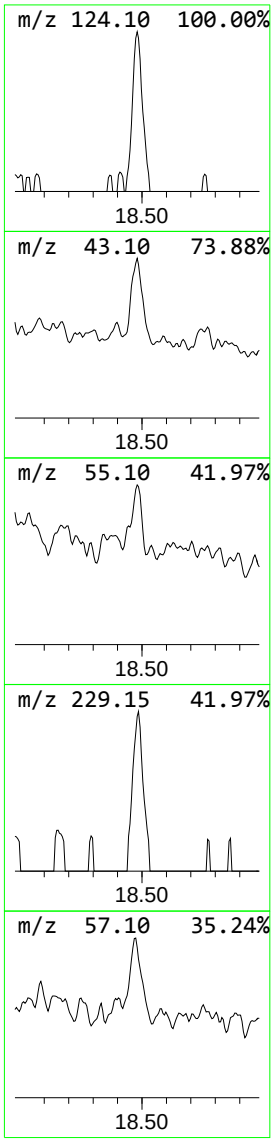
Peak Number 20 unknown18.480 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.480	6.59 ng	78741	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Testosterone	288	C19H28O2	000058-22-0	42
2	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000481-30-1	38
3	p-Fluoroatropine dehydrate	289	C17H20FNO2	1000212-74-8	27
4	Atropine	289	C17H23NO3	000051-55-8	27
5	3-(3-Fluoroanilino)-1-(3-nitroph...	288	C15H13FN2O3	300726-64-1	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
Data File : BF138873.D
Acq On : 08 Aug 2024 19:02
Operator : RC/JU
Sample : P3464-01
Misc :
ALS Vial : 19 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
Butane, 2-metho...	2.134	51.6	ng	691583	1	6.840	268251	20.0
2-Pentanone, 4-...	5.063	5.1	ng	68833	1	6.840	268251	20.0
unknown10.786	10.786	3.8	ng	50090	4	11.357	266387	20.0
Phenol, 4-(1,1,...	10.839	4.5	ng	59851	4	11.357	266387	20.0
5H-Pyrrolo(3,2-...	10.875	7.4	ng	99051	4	11.357	266387	20.0
4-(7-Methylocty...	10.904	5.4	ng	71887	4	11.357	266387	20.0
Succinic acid, ...	10.975	5.0	ng	65963	4	11.357	266387	20.0
unknown11.016	11.016	5.7	ng	75567	4	11.357	266387	20.0
Phenol, 2-(1,1,...	11.057	6.4	ng	84663	4	11.357	266387	20.0
Phenol, 2-methy...	11.098	3.4	ng	45558	4	11.357	266387	20.0
2-((8Z,11Z)-Hep...	12.769	5.2	ng	64607	5	13.998	250727	20.0
Phenol, 4,4'-(1...	12.833	3.8	ng	46950	5	13.998	250727	20.0
1-Hexadecanol	13.863	4.7	ng	59082	5	13.998	250727	20.0
Octacosane	14.445	3.9	ng	48917	5	13.998	250727	20.0
Oxirane, tetrad...	14.504	5.4	ng	67412	5	13.998	250727	20.0
Supraene	14.821	4.1	ng	48928	6	15.457	238863	20.0
Heptadecane, 9-...	15.880	5.8	ng	68961	6	15.457	238863	20.0
Cholestan-3-one...	16.327	5.8	ng	69279	6	15.457	238863	20.0
unknown17.504	17.504	9.9	ng	117939	6	15.457	238863	20.0
unknown18.480	18.480	6.6	ng	78741	6	15.457	238863	20.0