LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
Data File : BF139123.D
Acq On : 22 Aug 2024 15:21
Operator : RC/JU
Sample : P3641-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-910-K1-0.5-1.0-081524

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-BF082024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139123.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.228	14	23	29	rVB	858298	1380733	61.94%	5.592%
2	3.428	221	227	243	rBV	29087	64119	2.88%	0.260%
3	5.122	506	515	522	rVB	105384	165113	7.41%	0.669%
4	5.516	576	582	588	rBV	1561387	2157491	96.79%	8.738%
5	6.522	746	753	758	rBV	1536454	2178371	97.72%	8.823%
6	6.898	812	817	822	rVB	493676	598582	26.85%	2.424%
7	7.051	836	843	848	rBV	174269	217387	9.75%	0.880%
8	7.457	905	912	916	rBV	1071249	1408443	63.18%	5.704%
9	7.493	916	918	922	rVB	66740	67204	3.01%	0.272%
10	8.181	1029	1035	1043	rBV	586749	750913	33.69%	3.041%
11	8.487	1082	1087	1092	rBV	59180	76825	3.45%	0.311%
12	9.251	1212	1217	1222	rBV	1744619	2229148	100.00%	9.028%
13	9.792	1305	1309	1314	rVB	21213	24738	1.11%	0.100%
14	9.845	1314	1318	1324	rBV	49819	62426	2.80%	0.253%
15	9.934	1327	1333	1337	rBV	605959	751821	33.73%	3.045%
16	10.028	1344	1349	1357	rBV5	33078	71163	3.19%	0.288%
17	10.716	1459	1466	1471	rBV	901036	1138252	51.06%	4.610%
18	10.839	1478	1487	1496	rBV2	49042	79943	3.59%	0.324%
19	11.169	1537	1543	1547	rBV5	18856	36233	1.63%	0.147%
20	11.216	1547	1551	1555	rVB2	22788	33921	1.52%	0.137%
21	11.416	1573	1585	1588	rBV	480838	713696	32.02%	2.891%
22	11.492	1594	1598	1601	rVV	37473	45174	2.03%	0.183%
23	11.528	1601	1604	1609	rVB4	39850	56299	2.53%	0.228%
24	11.645	1618	1624	1633	rBV2	23845	45630	2.05%	0.185%
25	11.851	1649	1659	1665	rBV6	58923	122248	5.48%	0.495%
26	11.945	1665	1675	1680	rBV	231050	413624	18.56%	1.675%
27	12.028	1685	1689	1698	rVB	65140	144631	6.49%	0.586%
28	12.233	1717	1724	1728	rVB2	51495	98977	4.44%	0.401%
29	12.363	1740	1746	1748	rBV2	15182	25807	1.16%	0.105%
30	12.469	1759	1764	1767	rBV2	40474	60760	2.73%	0.246%
31	12.504	1767	1770	1775	rVV3	23236	40065	1.80%	0.162%
32	12.551	1775	1778	1785	rVB2	35837	49869	2.24%	0.202%
33	12.628	1786	1791	1804	rBV	590495	903322	40.52%	3.659%
34	12.727	1804	1808	1815	rBV3	57120	90795	4.07%	0.368%
35	12.863	1823	1831	1837	rBV2	526063	957449	42.95%	3.878%
36	13.004	1848	1855	1862	rVB	1253467	1637954	73.48%	6.634%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
Data File : BF139123.D
Acq On : 22 Aug 2024 15:21
Operator : RC/JU
Sample : P3641-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-910-K1-0.5-1.0-081524

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-BF082024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.075	1862	1867	1875	rBV4	56056	137962	6.19%	0.559%
38	13.186	1878	1886	1889	rBV2	66075	126928	5.69%	0.514%
39	13.251	1894	1897	1900	rVV	38432	48060	2.16%	0.195%
40	13.286	1900	1903	1911	rVB2	60189	102094	4.58%	0.413%
41	13.380	1916	1919	1922	rBV	22095	28752	1.29%	0.116%
42	13.416	1922	1925	1929	rVV2	19071	25526	1.15%	0.103%
43	13.692	1968	1972	1977	rVB	66146	98180	4.40%	0.398%
44	13.804	1986	1991	1994	rBV2	77681	139335	6.25%	0.564%
45	13.863	1994	2001	2003	rVV3	105345	274795	12.33%	1.113%
46	13.904	2003	2008	2018	rVB3	302711	598578	26.85%	2.424%
47	14.051	2027	2033	2037	rBV2	567603	1035506	46.45%	4.194%
48	14.439	2096	2099	2102	rVB	44423	50789	2.28%	0.206%
49	14.474	2103	2105	2109	rVB2	38645	39412	1.77%	0.160%
50	14.539	2111	2116	2122	rBV3	264918	411189	18.45%	1.665%
51	14.998	2190	2194	2198	rBV2	50389	76014	3.41%	0.308%
52	15.104	2206	2212	2222	rVB	248586	570922	25.61%	2.312%
53	15.210	2223	2230	2238	rVB3	139698	359818	16.14%	1.457%
54	15.404	2259	2263	2268	rVB	106589	149465	6.71%	0.605%
55	15.468	2269	2274	2279	rVB	145090	217609	9.76%	0.881%
56	15.533	2280	2285	2289	rBV	228684	350666	15.73%	1.420%
57	15.792	2326	2329	2335	rVB2	37303	54053	2.42%	0.219%
58	16.033	2366	2370	2374	rBV	70616	117484	5.27%	0.476%
59	16.086	2374	2379	2387	rVB2	93978	190876	8.56%	0.773%
60	16.851	2506	2509	2521	rVB	72446	146950	6.59%	0.595%
61	17.010	2531	2536	2546	rBV2	67452	148782	6.67%	0.603%
62	17.257	2574	2578	2590	rVB3	51255	131025	5.88%	0.531%
63	17.457	2608	2612	2619	rVB	48353	99308	4.45%	0.402%
64	17.639	2639	2643	2650	rVB6	33098	61143	2.74%	0.248%

Sum of corrected areas: 24690347

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
Data File : BF139123.D
Acq On : 22 Aug 2024 15:21
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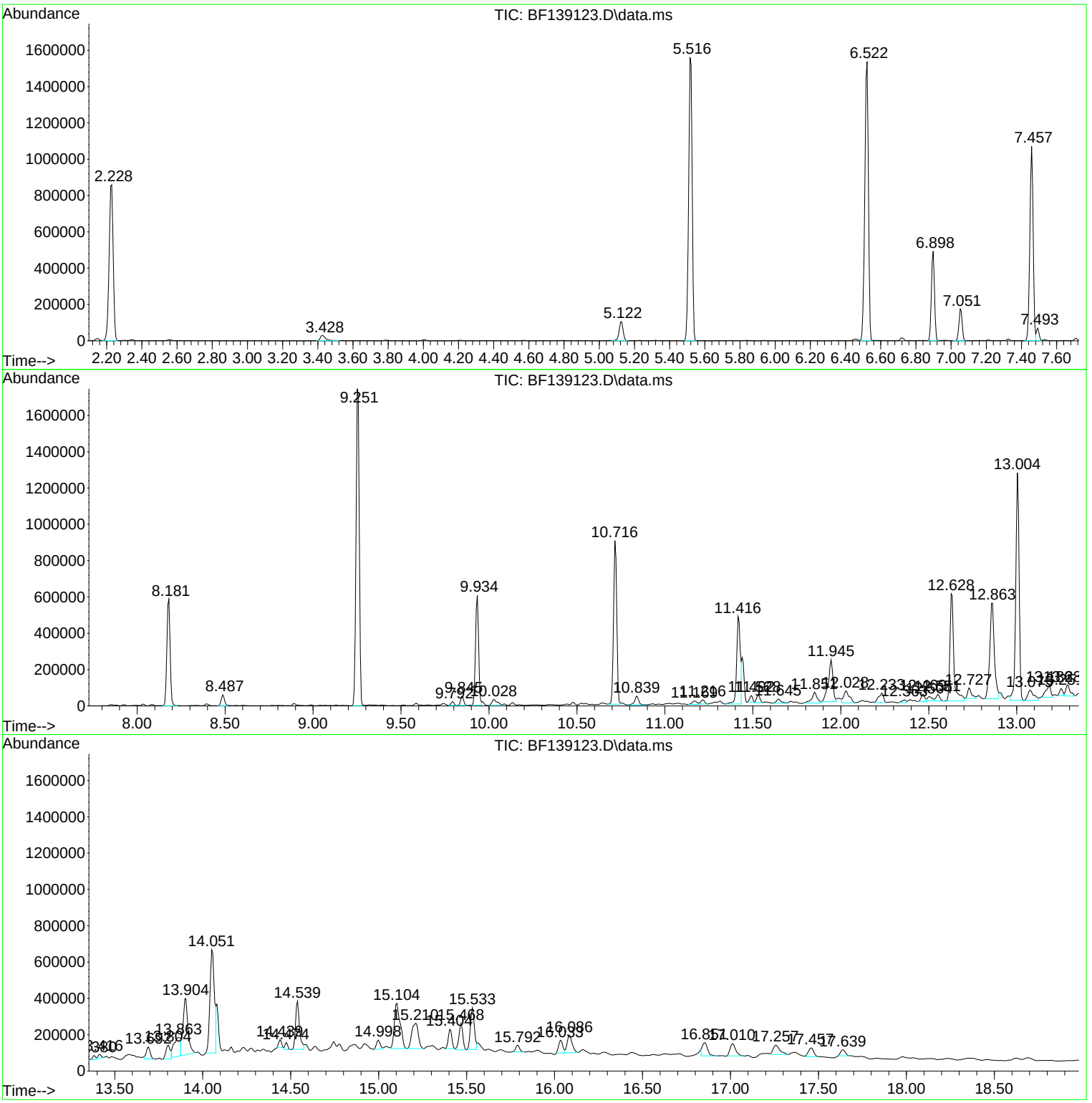
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-910-K1-0.5-1.0-081524

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.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\BF082224\
Data File : BF139123.D
Acq On : 22 Aug 2024 15:21
Operator : RC/JU
Sample : P3641-09
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S-910-K1-0.5-1.0-081524

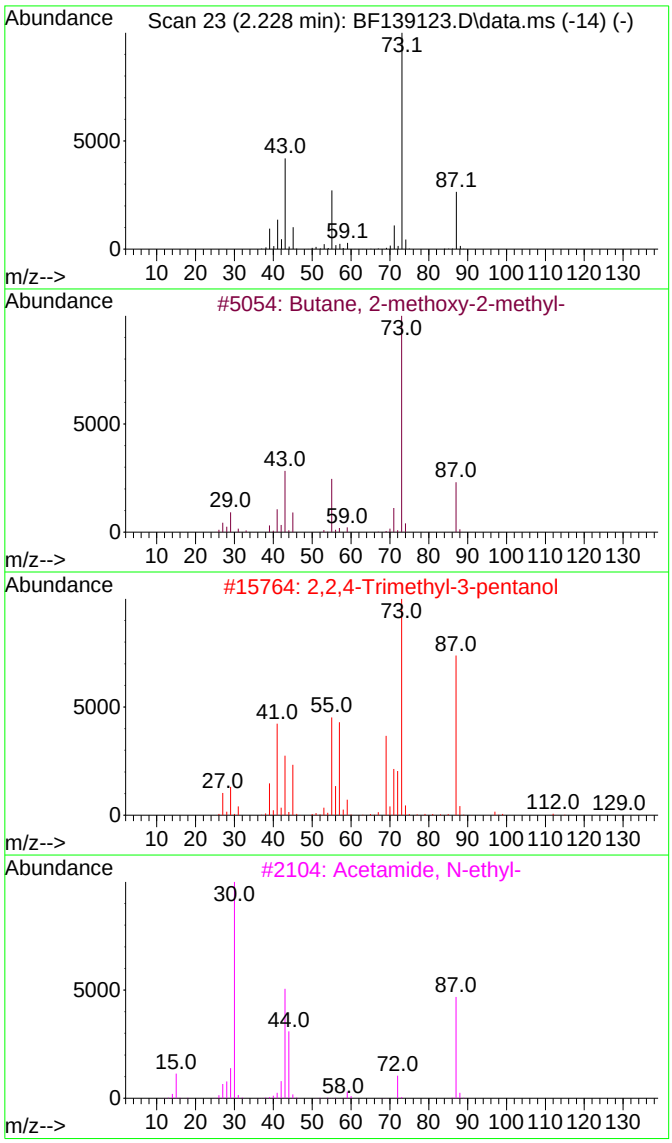
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

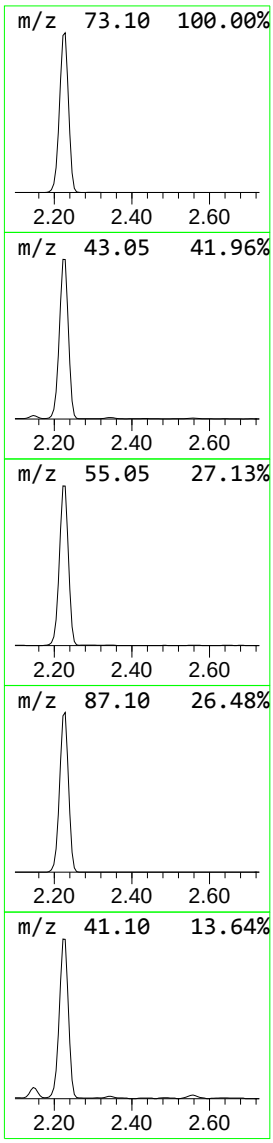
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.228	46.13 ng	1380730	1,4-Dichlorobenzene-d4	6.898

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	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
Data File : BF139123.D
Acq On : 22 Aug 2024 15:21
Operator : RC/JU
Sample : P3641-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-910-K1-0.5-1.0-081524

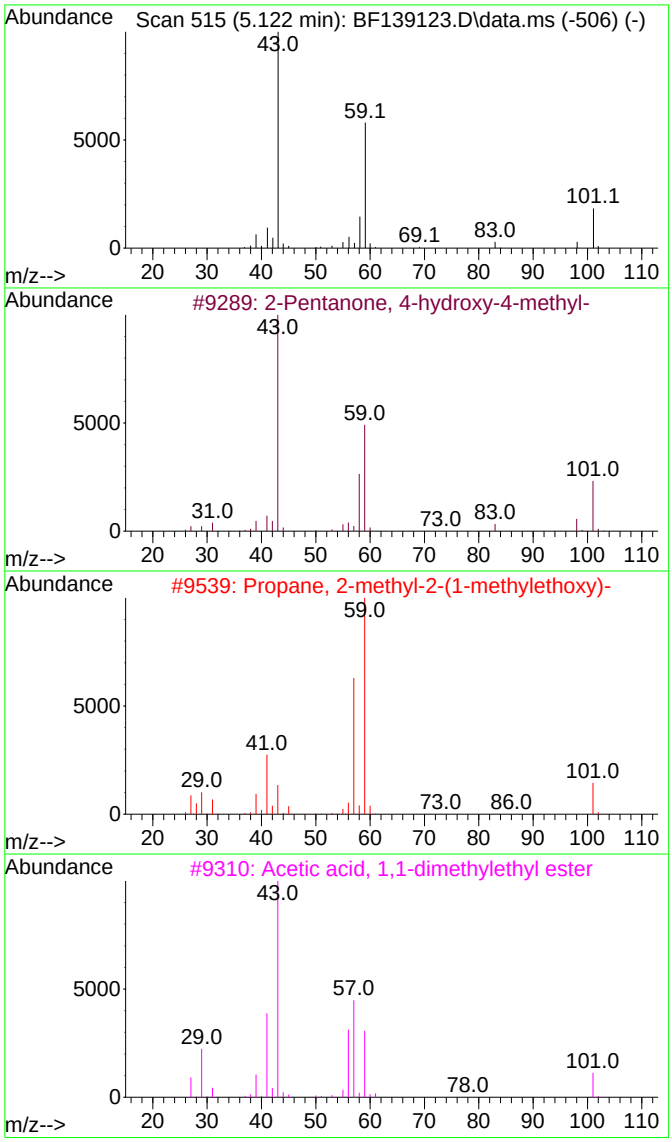
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

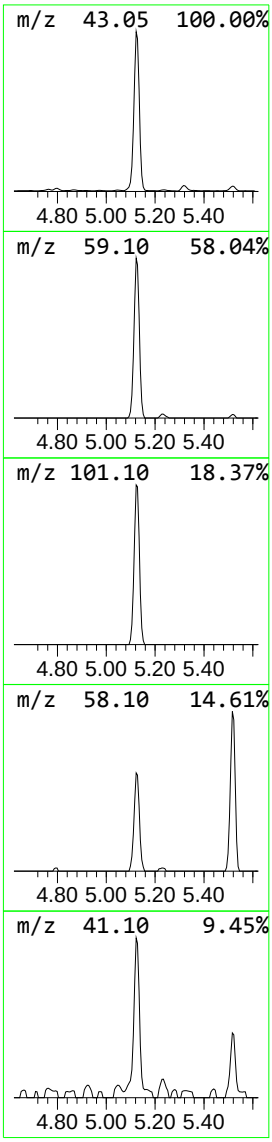
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.122	5.52 ng	165113	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
Data File : BF139123.D
Acq On : 22 Aug 2024 15:21
Operator : RC/JU
Sample : P3641-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-910-K1-0.5-1.0-081524

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

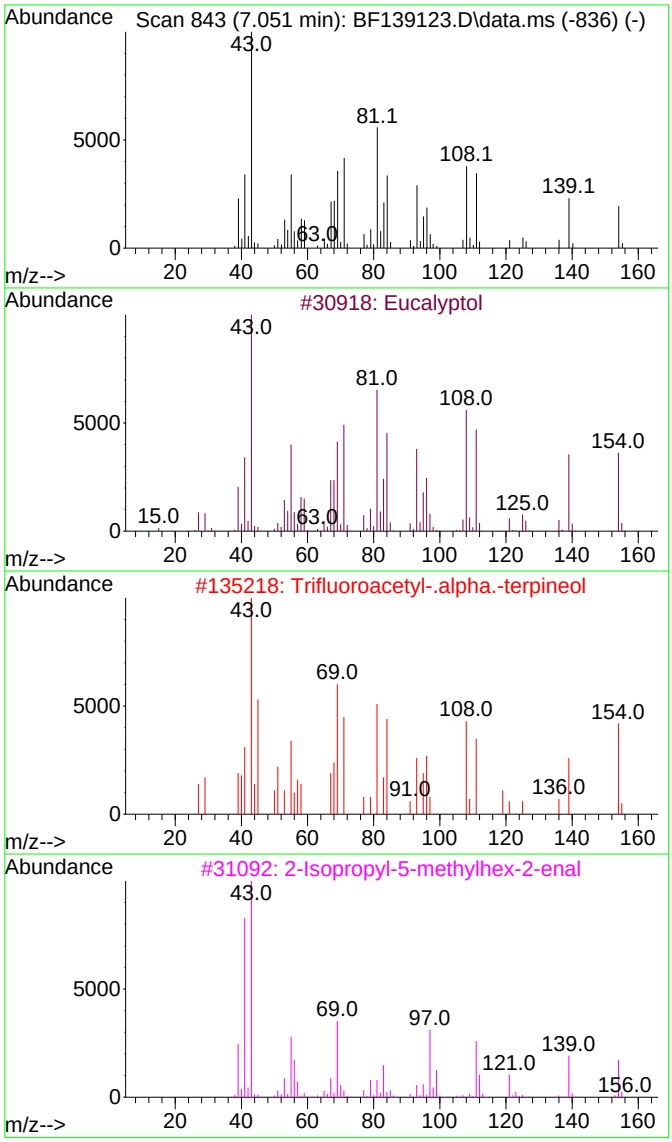
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

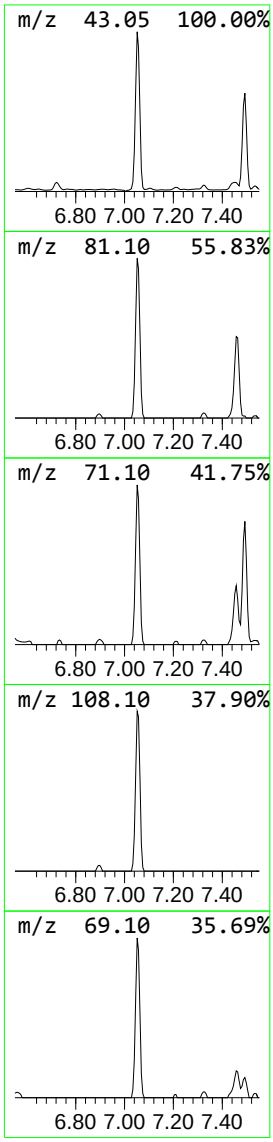
****

Peak Number 3 Eucalyptol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.051	7.26 ng	217387	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	98
2	Trifluoroacetyl-.alpha.-terpineol	250	C12H17F3O2	1000058-17-6	45
3	2-Isopropyl-5-methylhex-2-enal	154	C10H18O	035158-25-9	25
4	2-(3'-Oxo-butyl)-cyclopentanone	154	C9H14O2	1010143-37-2	22
5	Sulfurous acid, 2-pentyl propyl ...	194	C8H18O3S	1000309-15-1	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
Data File : BF139123.D
Acq On : 22 Aug 2024 15:21
Operator : RC/JU
Sample : P3641-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-910-K1-0.5-1.0-081524

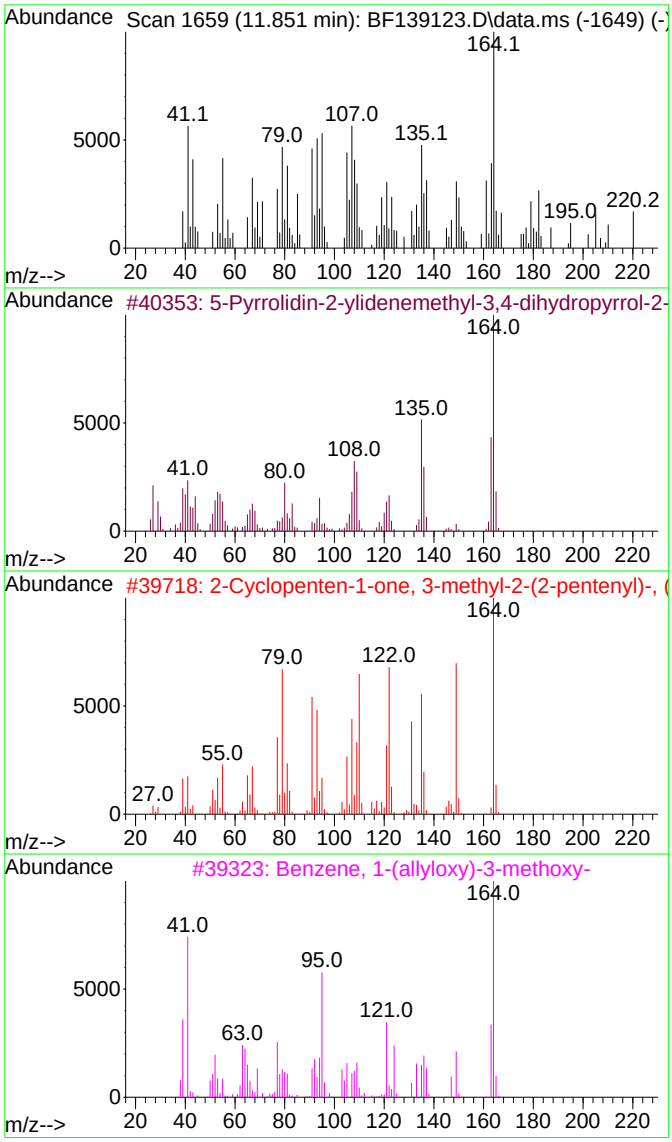
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

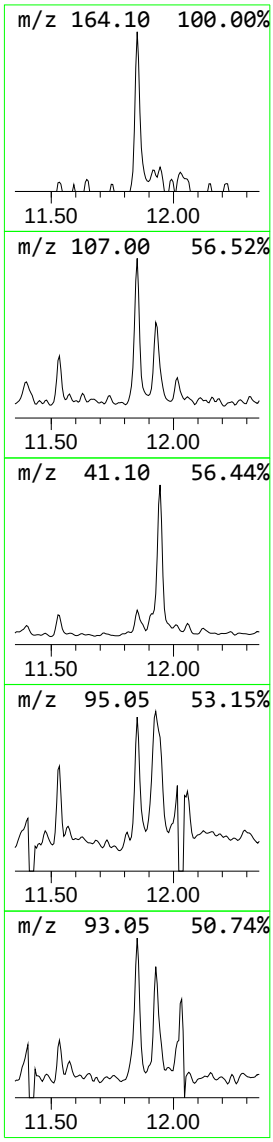
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 5-Pyrrolidin-2-ylidenemethy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	3.43 ng	122248	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Pyrrolidin-2-ylidenemethyl-3,4...	164	C9H12N2O	1010192-09-5	53
2	2-Cyclopenten-1-one, 3-methyl-2-...	164	C11H16O	000488-10-8	43
3	Benzene, 1-(allyloxy)-3-methoxy-	164	C10H12O2	037592-19-1	43
4	9(10H)-Phenanthrenone, 10-diazo-	220	C14H8N2O	007509-44-6	38
5	4,7,7-Trimethylbicyclo[4.1.0]hep...	150	C10H14O	081800-50-2	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
Data File : BF139123.D
Acq On : 22 Aug 2024 15:21
Operator : RC/JU
Sample : P3641-09
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-910-K1-0.5-1.0-081524

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

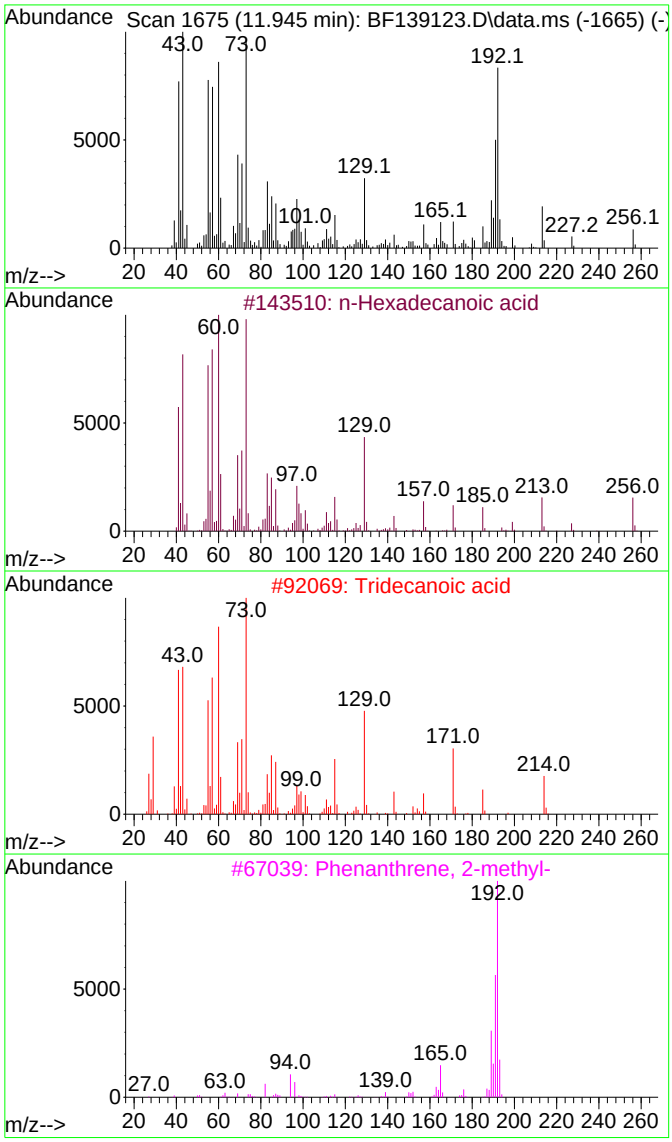
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

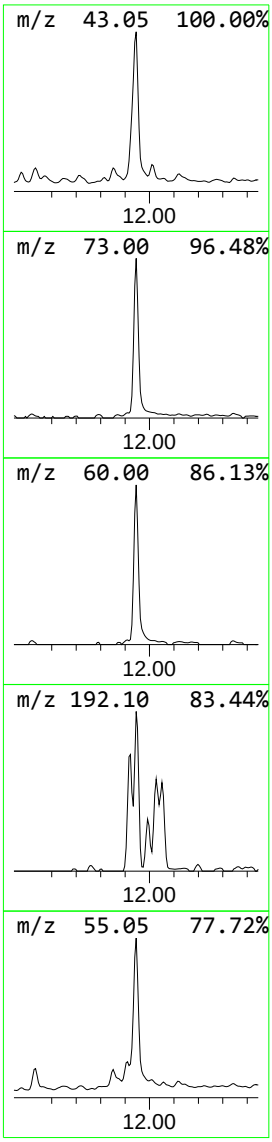
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	11.59 ng	413624	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	78
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	60
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	53





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Data File : BF139123.D
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Instrument :
BNA_F
ClientSampleId :
S-910-K1-0.5-1.0-081524

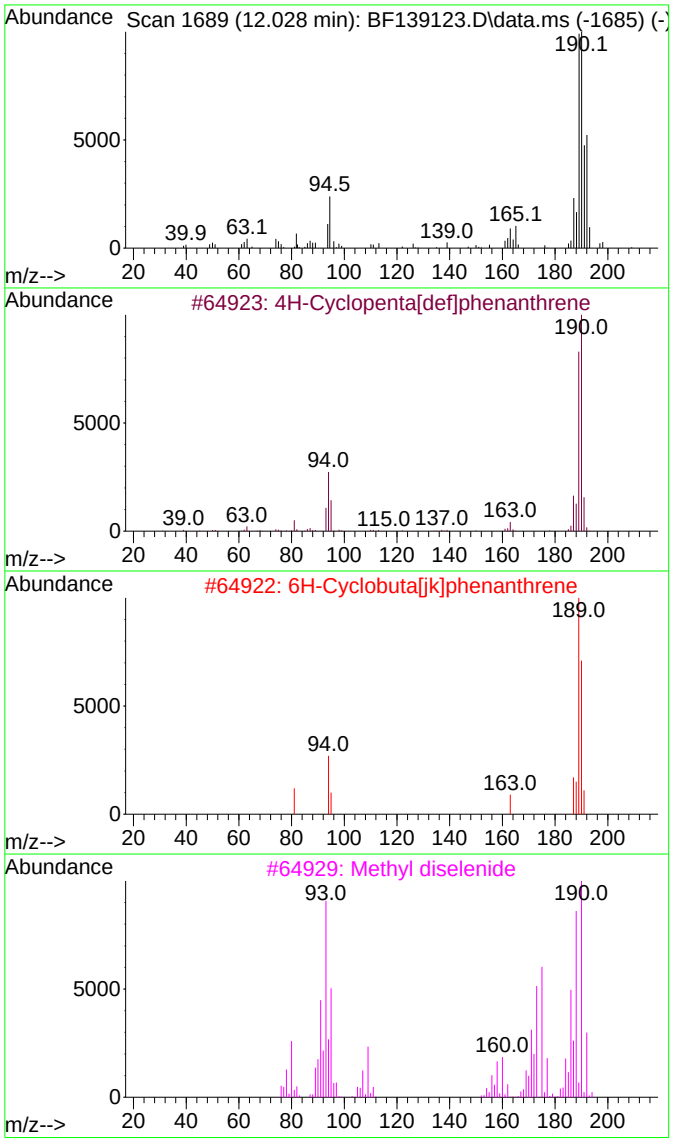
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

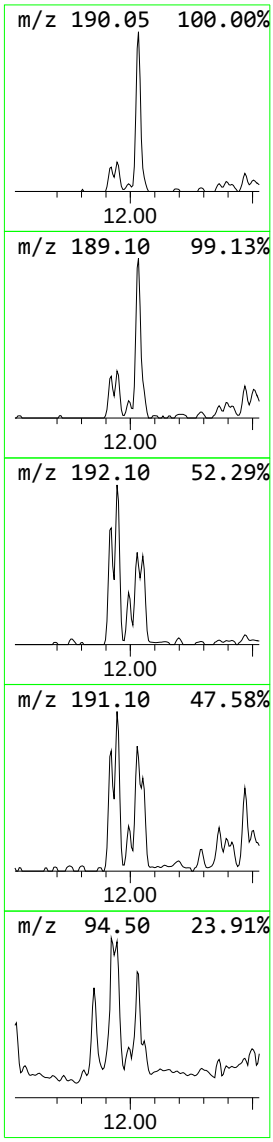
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.028	4.05 ng	144631	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Methyl diselenide	190	C2H6Se2	007101-31-7	43
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
Data File : BF139123.D
Acq On : 22 Aug 2024 15:21
Operator : RC/JU
Sample : P3641-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-910-K1-0.5-1.0-081524

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

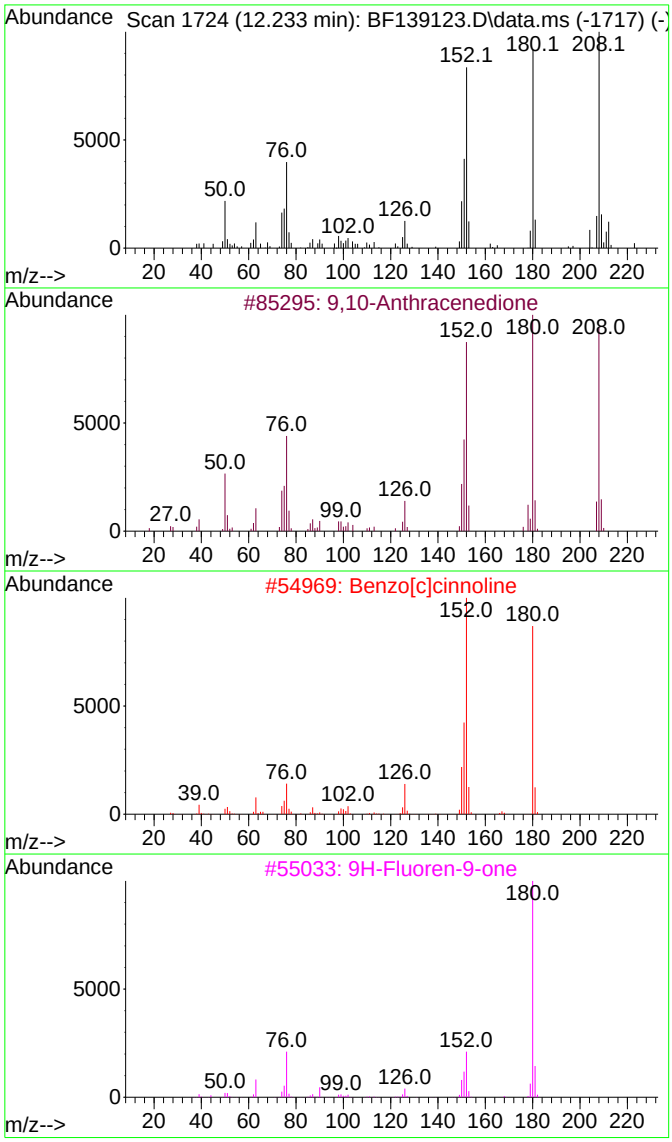
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

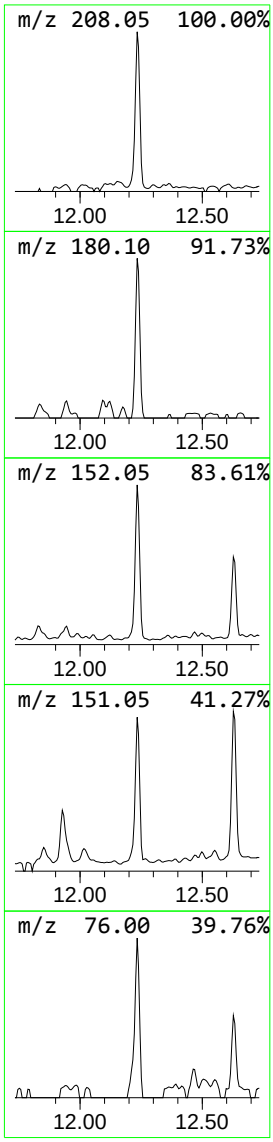
****

Peak Number 7 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.233	2.77 ng	98977	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60





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Operator : RC/JU
Sample : P3641-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S-910-K1-0.5-1.0-081524

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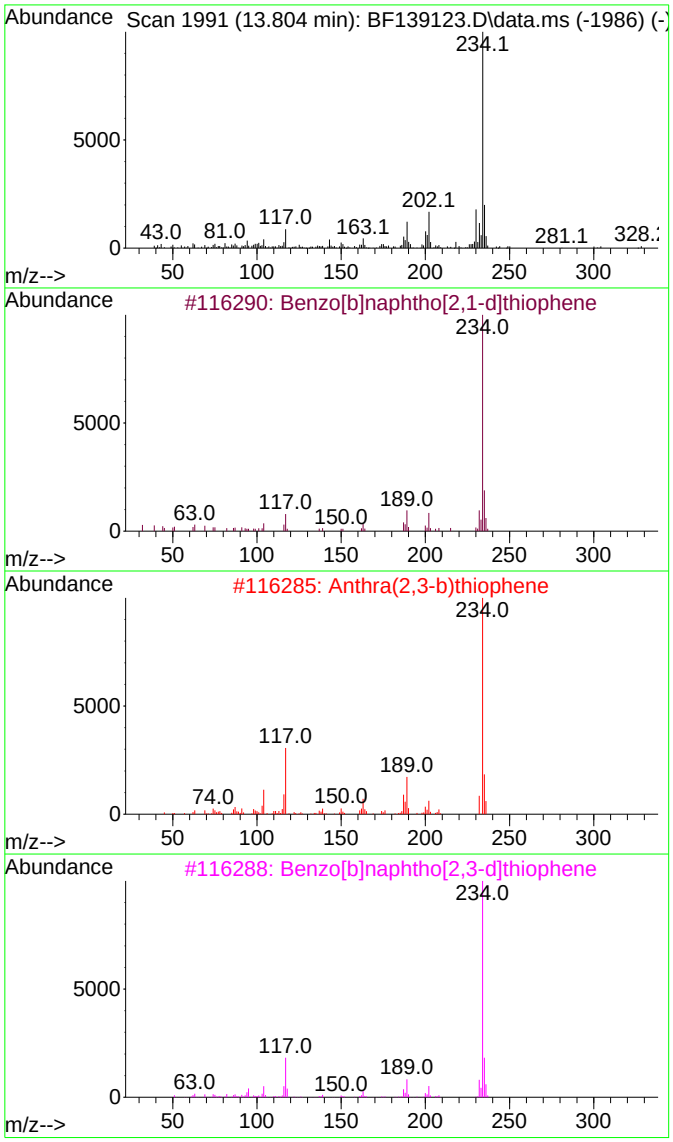
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

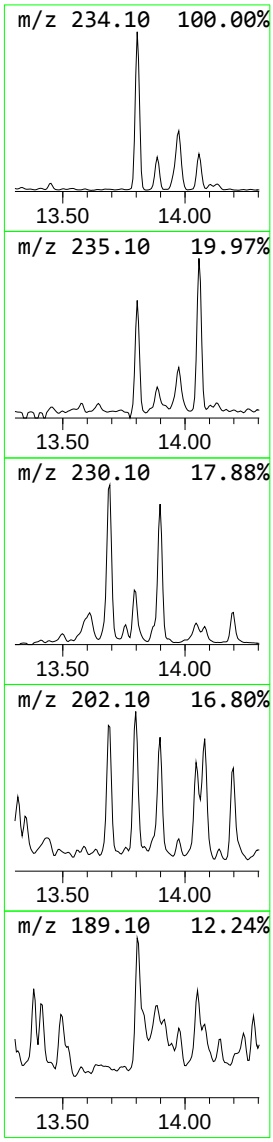
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.804	2.69 ng	139335	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	81
5	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	76





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

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

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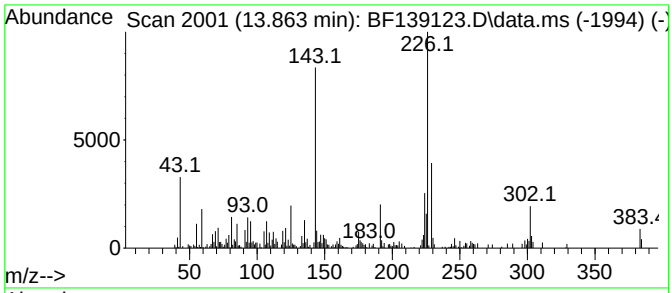
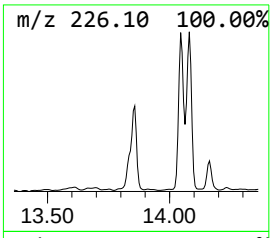
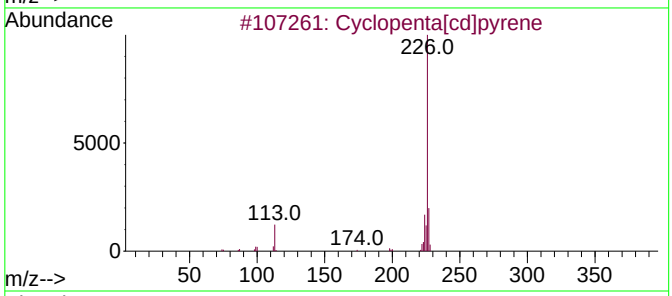
Peak Number 9 unknown13.863 Concentration Rank 13

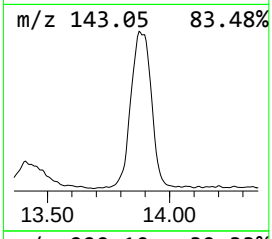
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.863	5.31 ng	274795	Chrysene-d12	14.057

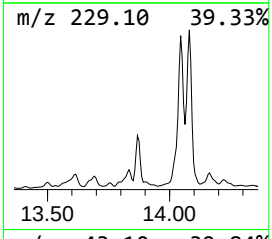
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	25
2	N-Tetradecanoyl-DL-homoserine la...	311	C18H33NO3	098206-80-5	14
3	Glutaric acid, monoamide, N-(2-o...	271	C15H29NO3	1000360-85-0	14
4	p-Fluoro-L-phenylalanine, N-dime...	252	C13H17FN2O2	1000375-82-8	11
5	3-Methyl-1,2,3,4-tetrahydro-.gam...	186	C12H14N2	005094-12-2	11

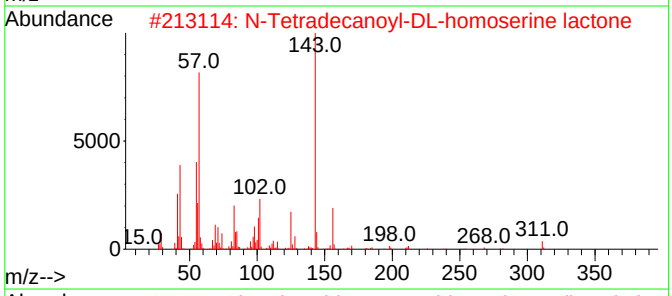


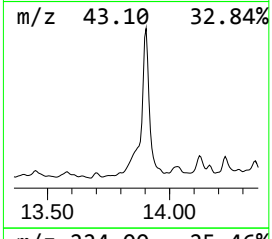


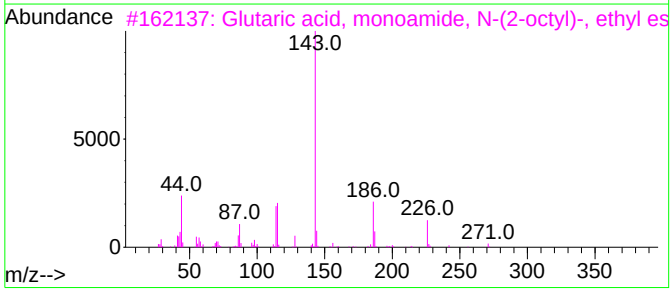


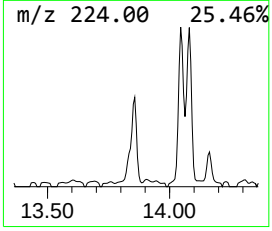












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Sample : P3641-09
Misc :
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BNA_F
ClientSampleId :
S-910-K1-0.5-1.0-081524

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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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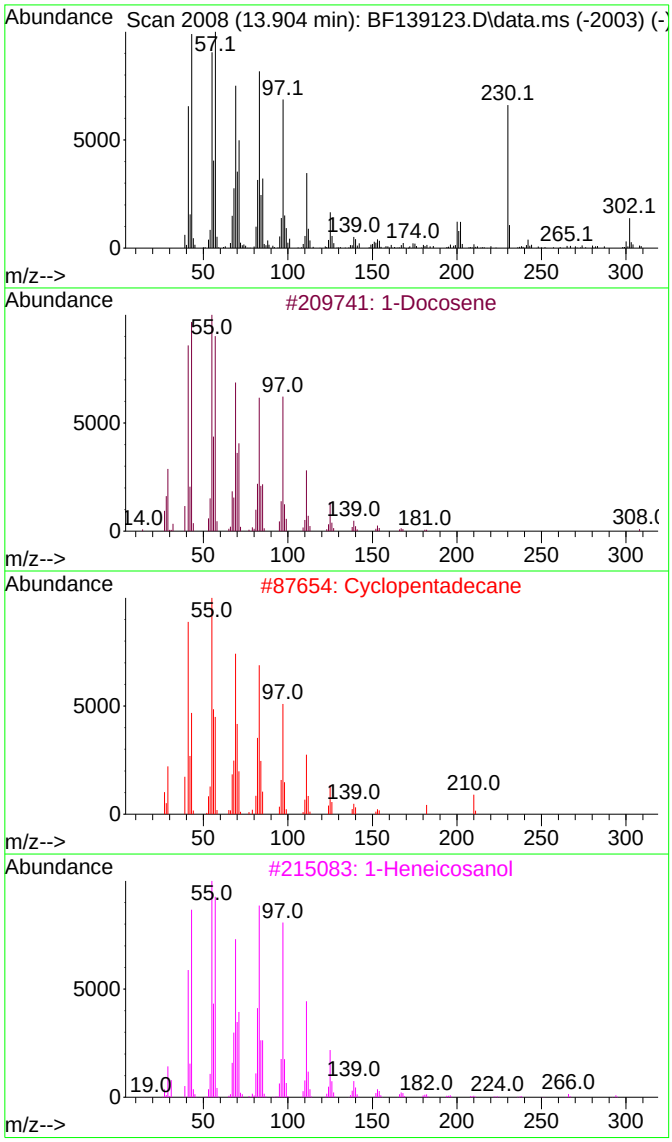
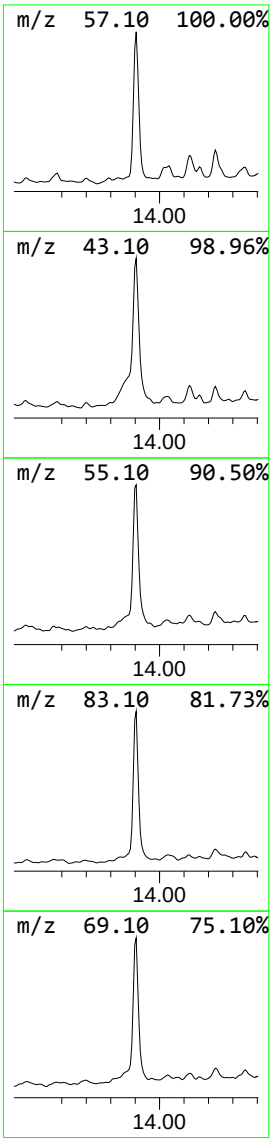
Peak Number 10 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	11.56 ng	598578	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	Cyclopentadecane	210	C15H30	000295-48-7	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	1-Hexacosene	364	C26H52	018835-33-1	91
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	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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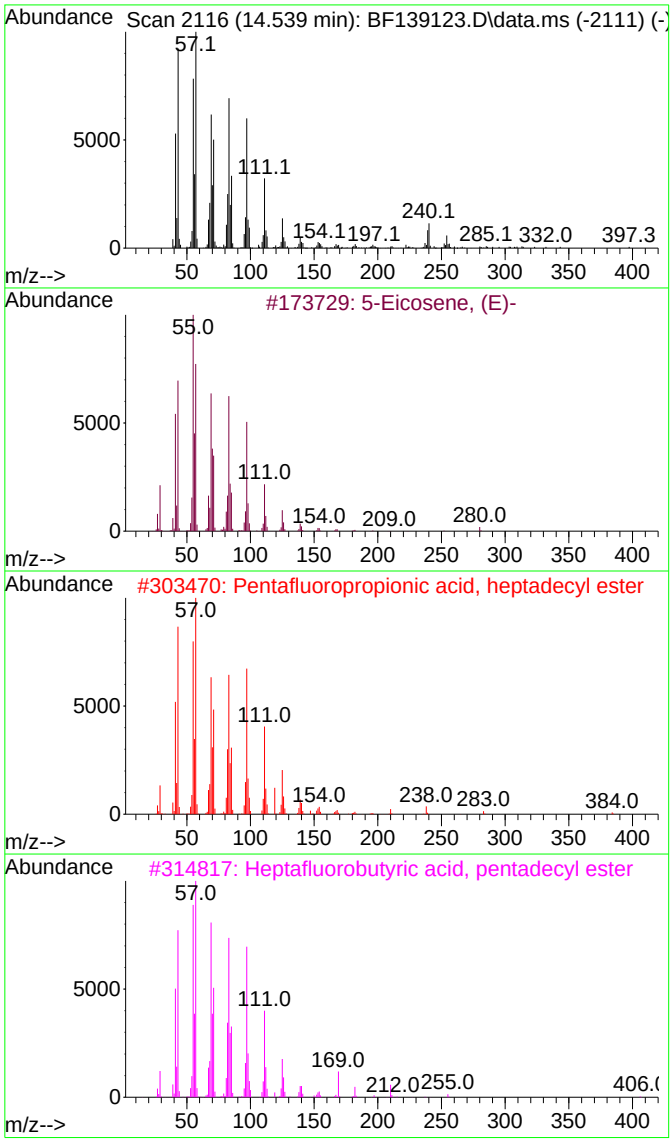
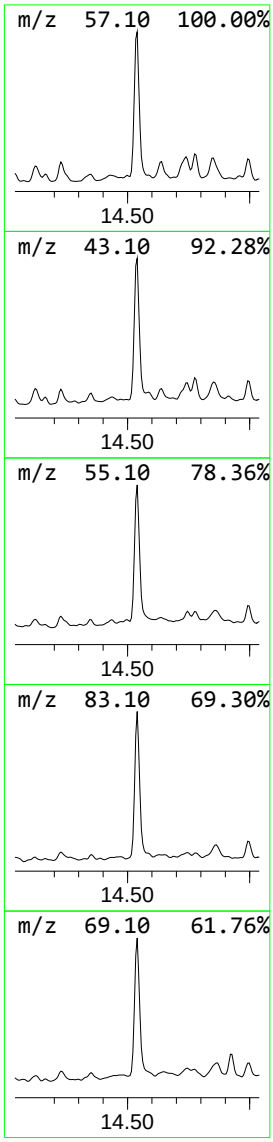
Peak Number 11 5-Eicosene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.539	7.94 ng	411189	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
4	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	90
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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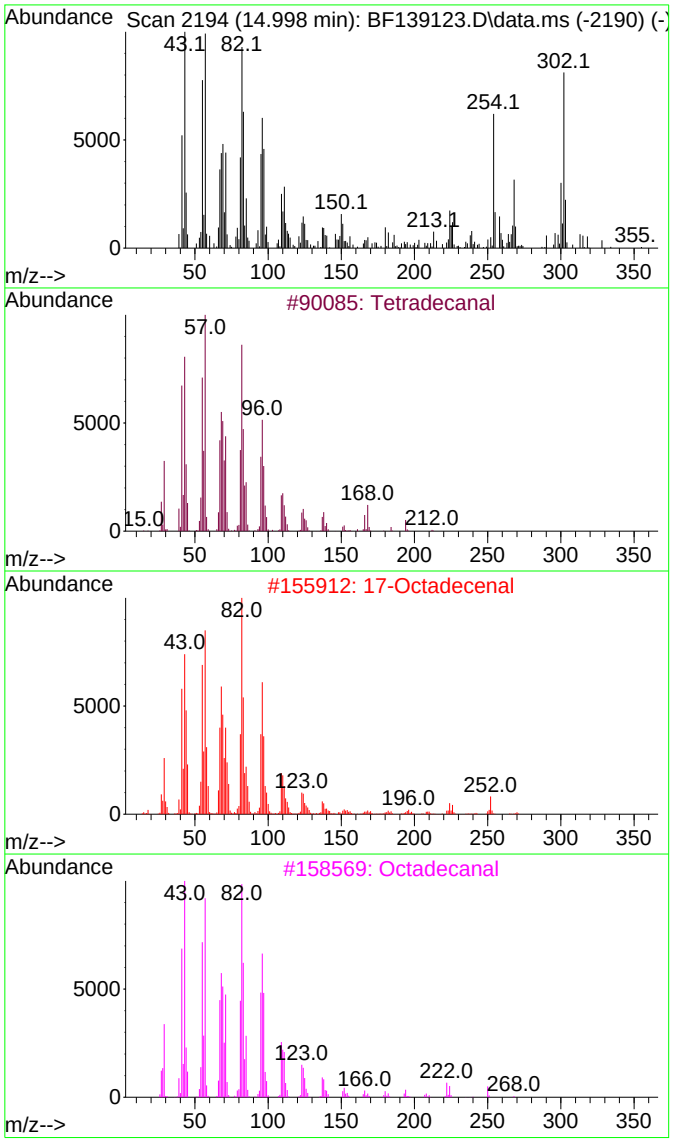
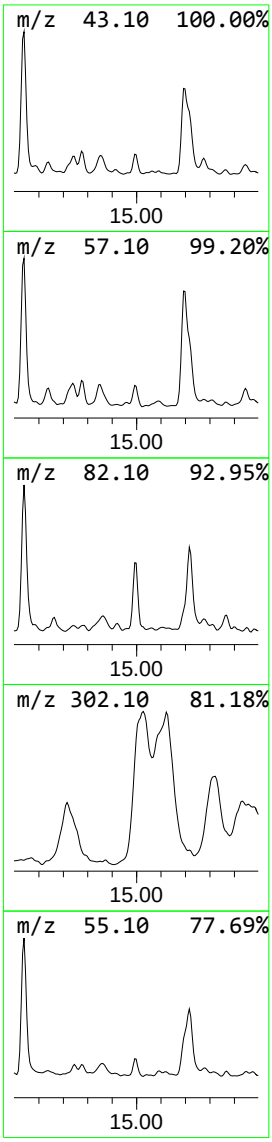
Peak Number 12 Tetradecanal Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.998	4.34 ng	76014	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanal	212	C14H28O	000124-25-4	53
2	17-Octadecenal	266	C18H34O	056554-86-0	50
3	Octadecanal	268	C18H36O	000638-66-4	50
4	1,13-Tetradecadiene	194	C14H26	021964-49-8	50
5	Tetracosanal	352	C24H48O	057866-08-7	46





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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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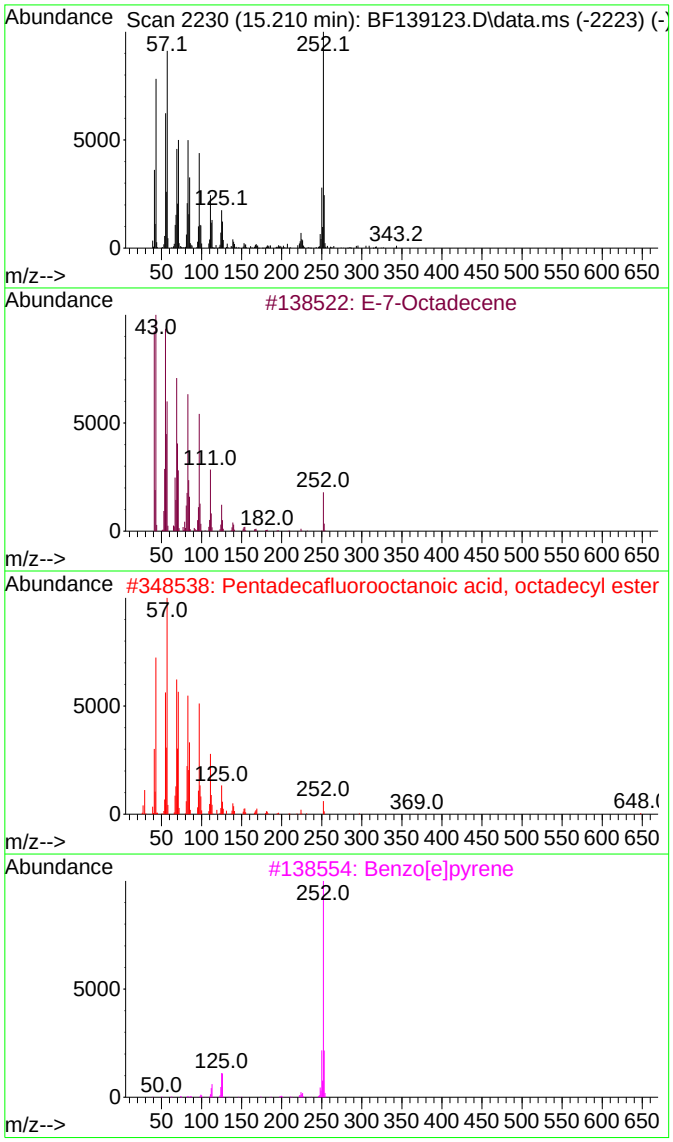
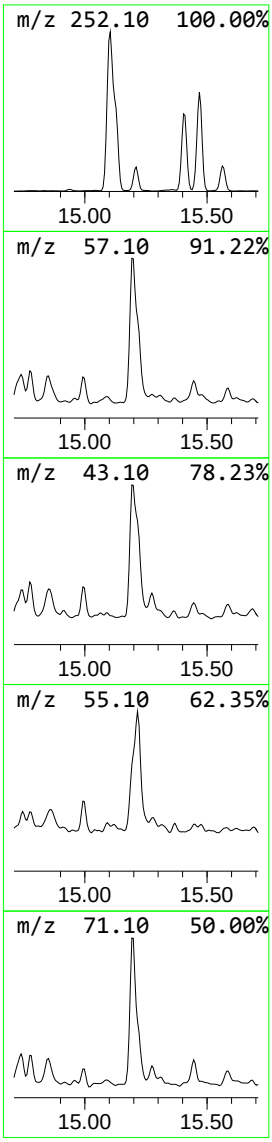
Peak Number 13 E-7-Octadecene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	20.52 ng	359818	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-7-Octadecene	252	C18H36	1000130-92-0	89
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	87
3	Benzo[e]pyrene	252	C20H12	000192-97-2	83
4	Cyclohexadecane	224	C16H32	000295-65-8	70
5	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	70





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TIC Integration Parameters: LSCINT.P

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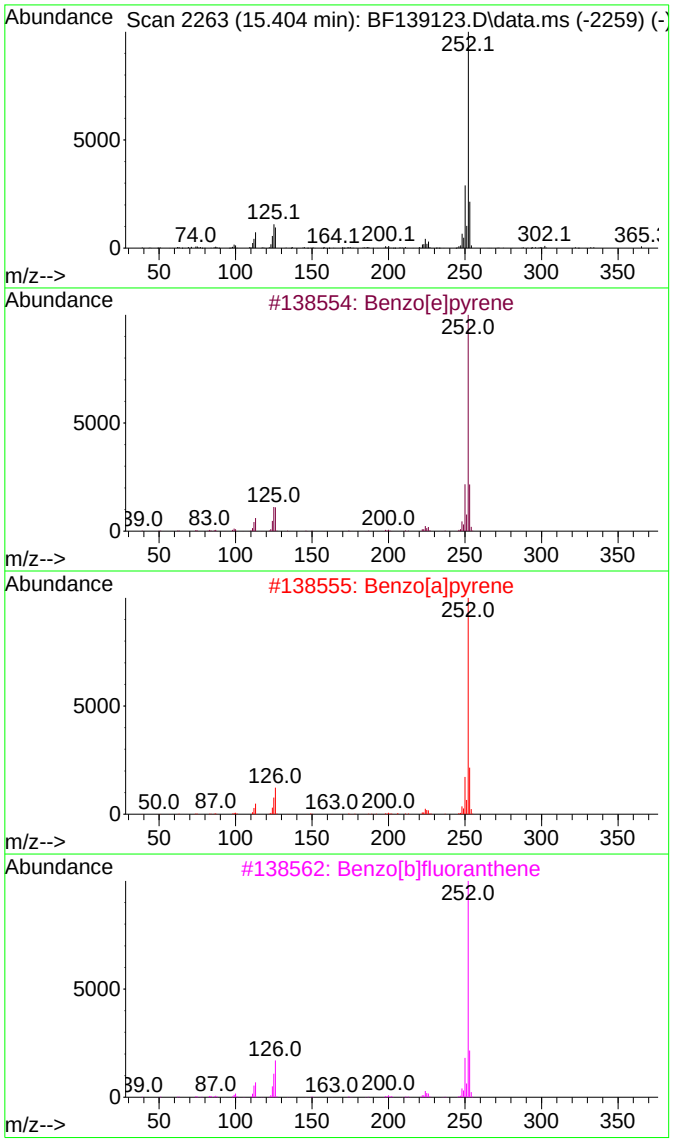
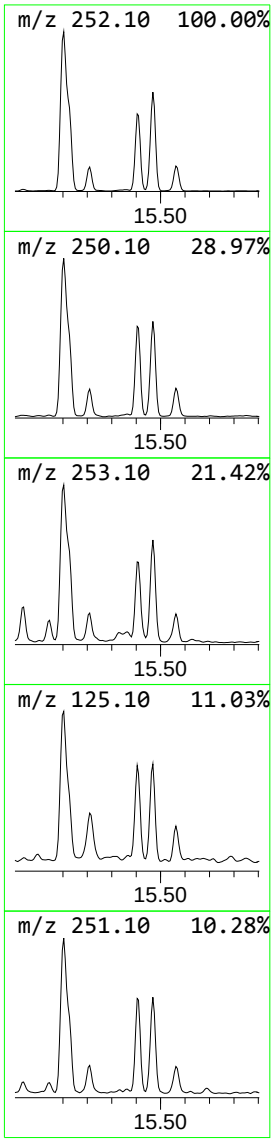
Peak Number 14 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.404	8.52 ng	149465	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Perylene	252	C20H12	000198-55-0	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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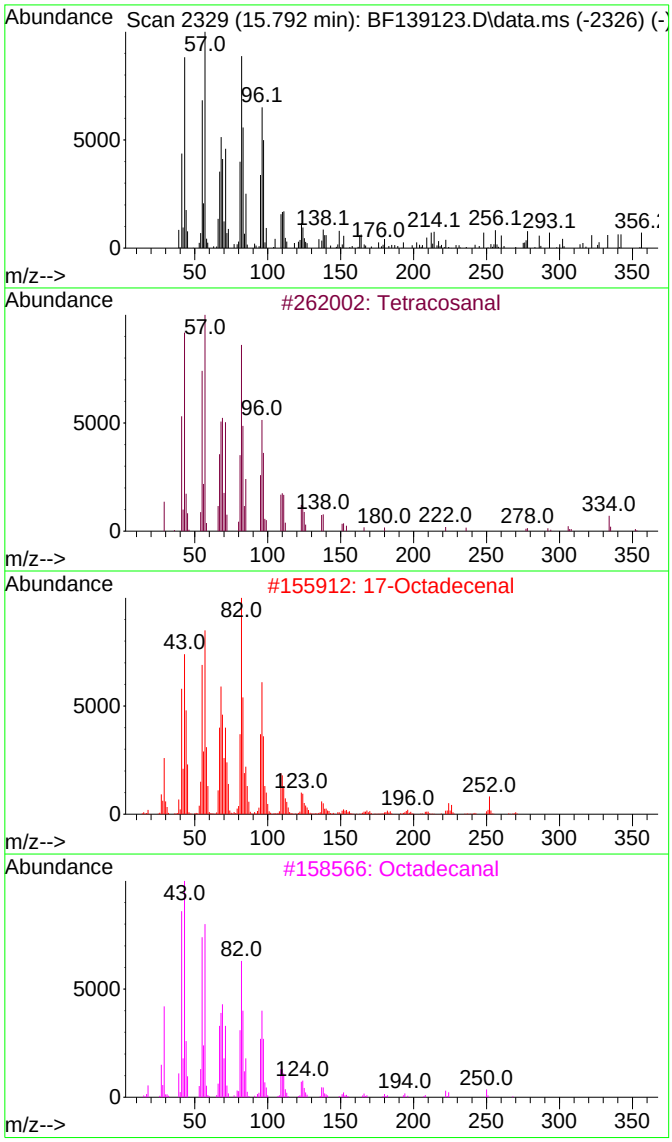
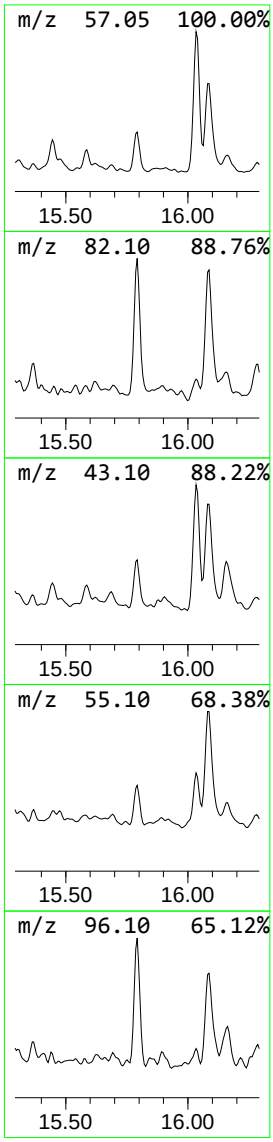
Peak Number 15 Tetracosanal Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.792	3.08 ng	54053	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosanal	352	C24H48O	057866-08-7	90
2	17-Octadecenal	266	C18H34O	056554-86-0	90
3	Octadecanal	268	C18H36O	000638-66-4	90
4	Heptadecanal	254	C17H34O	1000376-70-0	87
5	14-Octadecenal	266	C18H34O	056554-89-3	86





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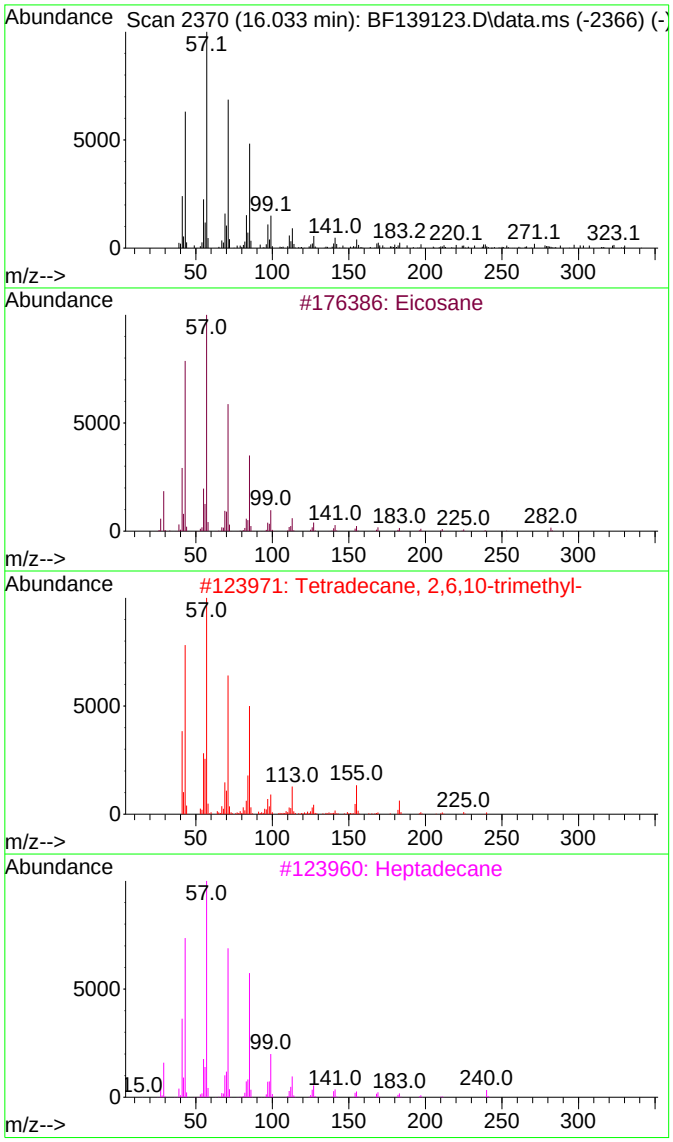
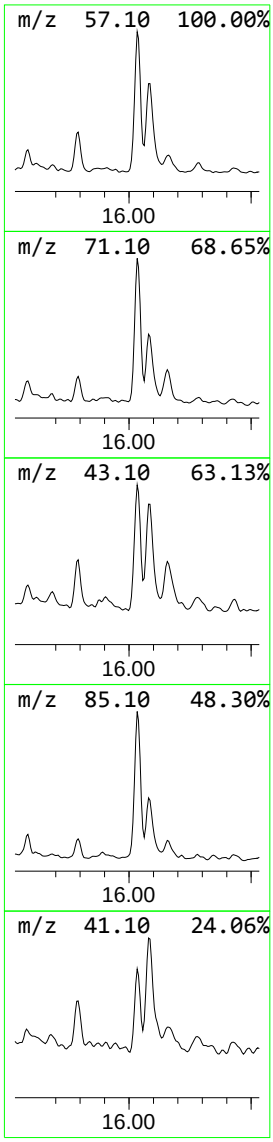
Peak Number 16 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.033	6.70 ng	117484	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
3	Heptadecane	240	C17H36	000629-78-7	93
4	Octadecane	254	C18H38	000593-45-3	91
5	Octacosane	394	C28H58	000630-02-4	90





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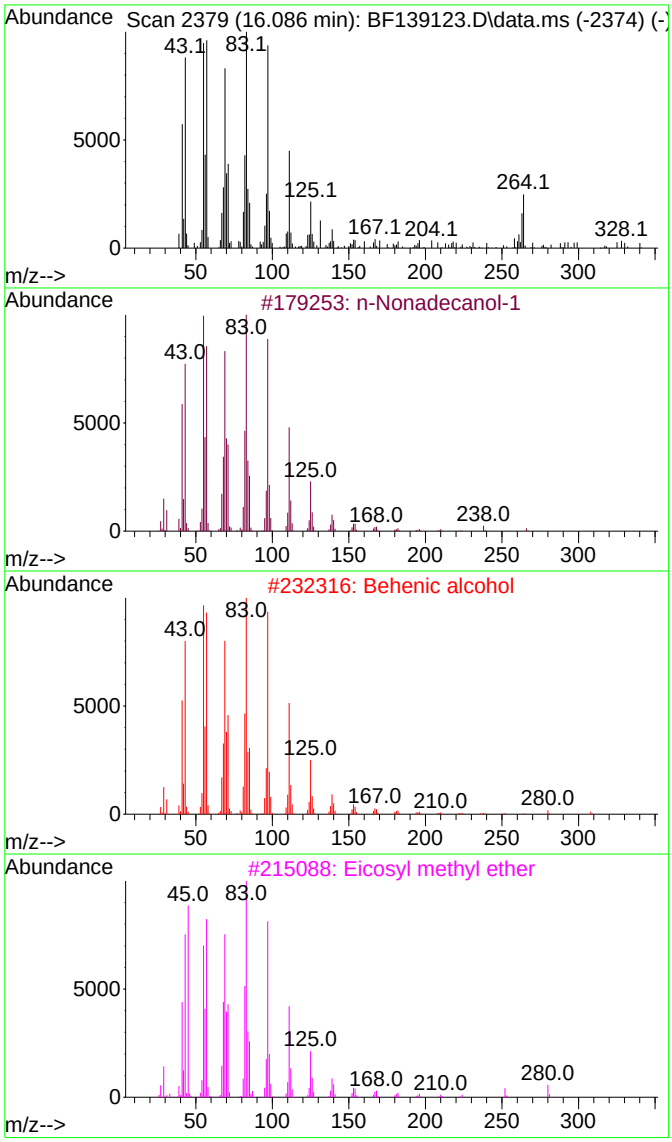
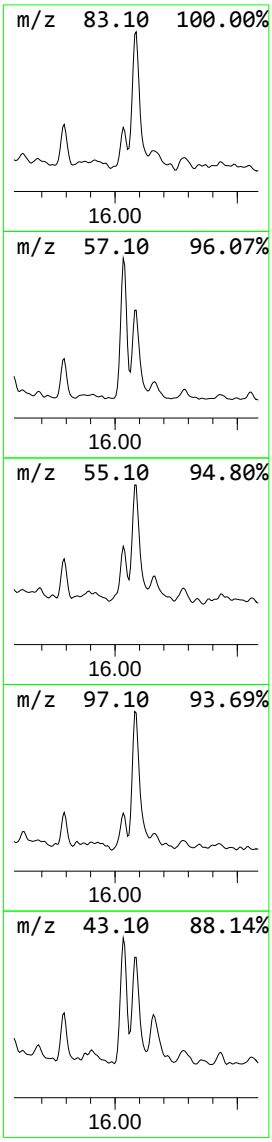
Peak Number 17 n-Nonadecanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.086	10.89 ng	190876	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
2	Behenic alcohol	326	C22H46O	000661-19-8	91
3	Eicosyl methyl ether	312	C21H44O	1000406-29-4	87
4	1-Heneicosanol	312	C21H44O	015594-90-8	80
5	1-Octadecanol	270	C18H38O	000112-92-5	70





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Acq On : 22 Aug 2024 15:21
Operator : RC/JU
Sample : P3641-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-910-K1-0.5-1.0-081524

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.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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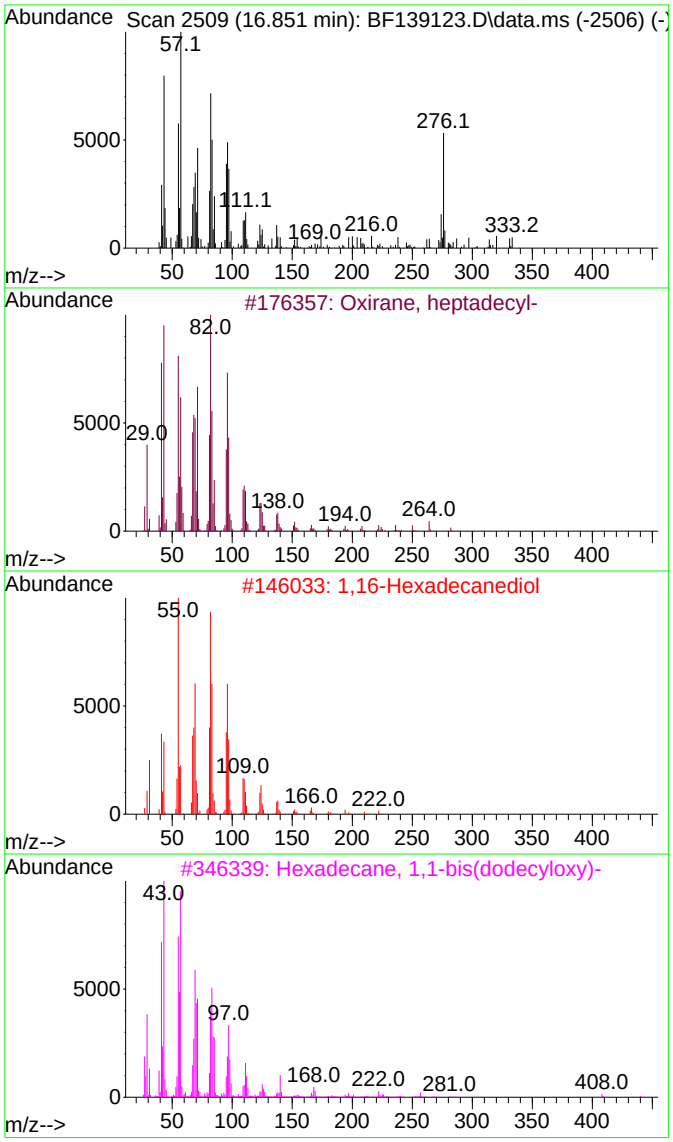
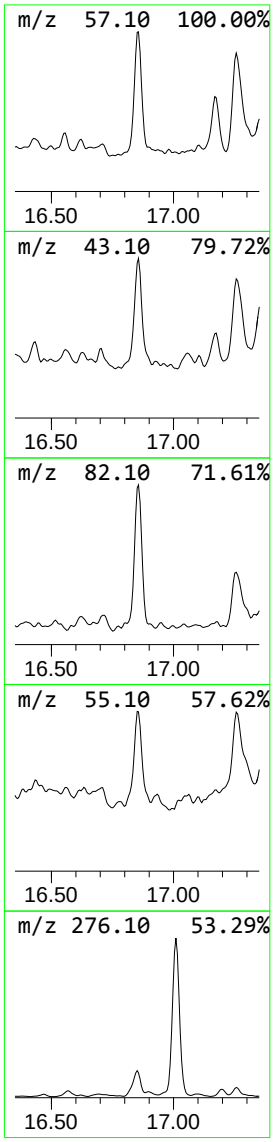
Peak Number 18 Oxirane, heptadecyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.851	8.38 ng	146950	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	62
2	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	47
3	Hexadecane, 1,1-bis(dodecyloxy)-	595	C40H82O2	056554-64-4	43
4	Bicyclo[4.1.0]heptane, 7-butyl-	152	C11H20	018645-10-8	43
5	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
Data File : BF139123.D
Acq On : 22 Aug 2024 15:21
Operator : RC/JU
Sample : P3641-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-910-K1-0.5-1.0-081524

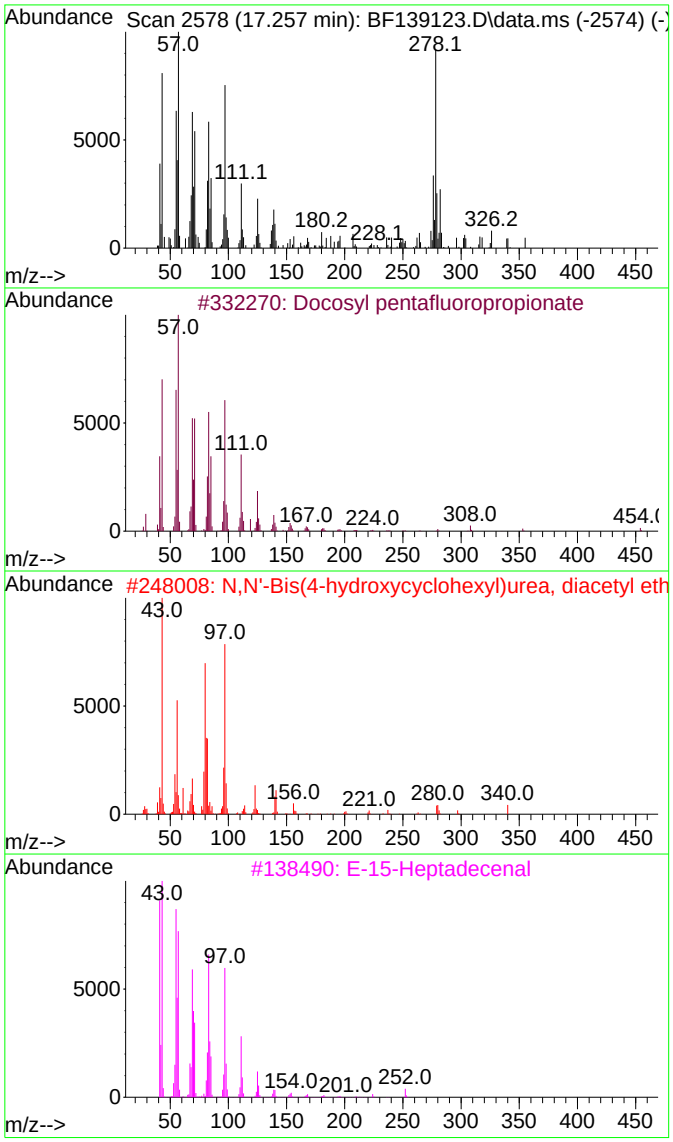
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

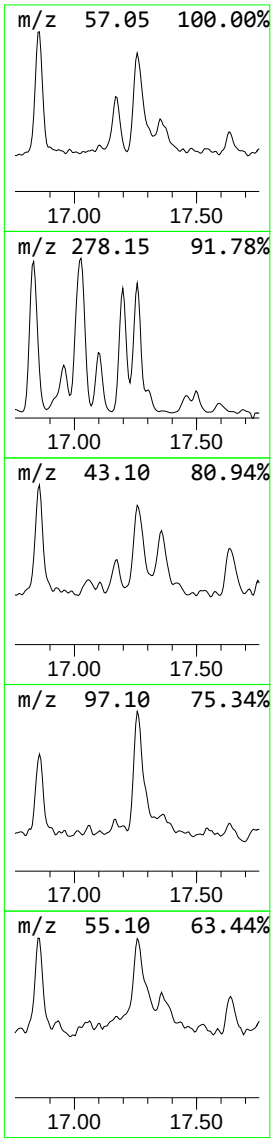
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Docosyl pentafluoropropionate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.257	7.47 ng	131025	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	55
2	N,N'-Bis(4-hydroxycyclohexyl)ure...	340	C17H28N2O5	1000499-67-5	53
3	E-15-Heptadecenal	252	C17H32O	1000130-97-9	52
4	Octacosanol	410	C28H58O	000557-61-9	49
5	1-Dotriacontanol, acetate	509	C34H68O2	023811-94-1	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
Data File : BF139123.D
Acq On : 22 Aug 2024 15:21
Operator : RC/JU
Sample : P3641-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-910-K1-0.5-1.0-081524

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.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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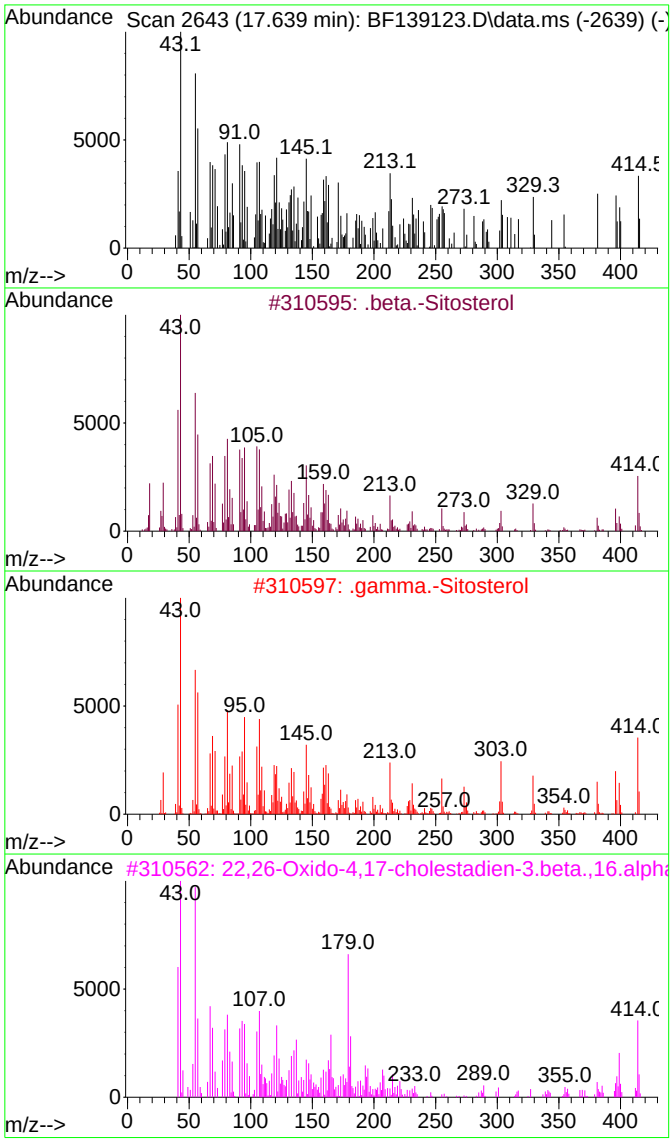
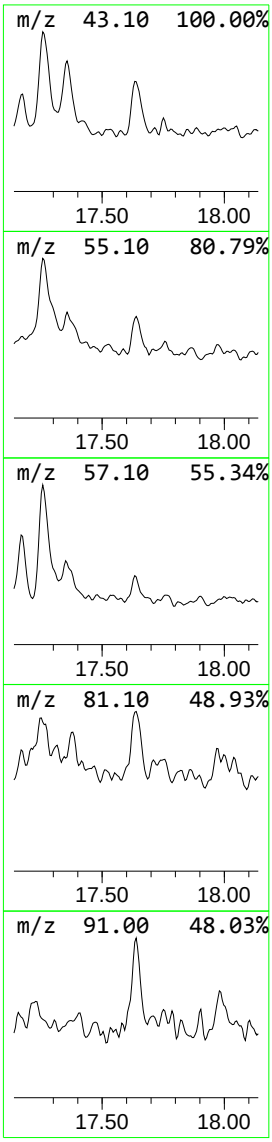
Peak Number 20 .beta.-Sitosterol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.639	3.49 ng	61143	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	98
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	60
3	22,26-Oxido-4,17-cholestadien-3....	414	C27H42O3	1000252-80-4	48
4	(3S,8S,9S,10R,13R,14S,17R)-17-((...	414	C29H50O	029365-29-5	30
5	Stigmastan-3-en-6-ol	414	C29H50O	1000214-19-7	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
Data File : BF139123.D
Acq On : 22 Aug 2024 15:21
Operator : RC/JU
Sample : P3641-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-910-K1-0.5-1.0-081524

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.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...	2.228	46.1	ng	1380730	1	6.898	598582	20.0
2-Pentanone, 4-...	5.122	5.5	ng	165113	1	6.898	598582	20.0
Eucalyptol	7.051	7.3	ng	217387	1	6.898	598582	20.0
5-Pyrrolidin-2-...	11.851	3.4	ng	122248	4	11.416	713696	20.0
n-Hexadecanoic ...	11.945	11.6	ng	413624	4	11.416	713696	20.0
4H-Cyclopenta[d...	12.028	4.0	ng	144631	4	11.416	713696	20.0
9,10-Anthracene...	12.233	2.8	ng	98977	4	11.416	713696	20.0
Benzo[b]naphtho...	13.804	2.7	ng	139335	5	14.057	1035510	20.0
unknown13.863	13.863	5.3	ng	274795	5	14.057	1035510	20.0
1-Docosene	13.904	11.6	ng	598578	5	14.057	1035510	20.0
5-Eicosene, (E)-	14.539	7.9	ng	411189	5	14.057	1035510	20.0
Tetradecanal	14.998	4.3	ng	76014	6	15.533	350666	20.0
E-7-Octadecene	15.210	20.5	ng	359818	6	15.533	350666	20.0
Benzo[e]pyrene	15.404	8.5	ng	149465	6	15.533	350666	20.0
Tetracosanal	15.792	3.1	ng	54053	6	15.533	350666	20.0
Eicosane	16.033	6.7	ng	117484	6	15.533	350666	20.0
n-Nonadecanol-1	16.086	10.9	ng	190876	6	15.533	350666	20.0
Oxirane, heptad...	16.851	8.4	ng	146950	6	15.533	350666	20.0
Docosyl pentafl...	17.257	7.5	ng	131025	6	15.533	350666	20.0
.beta.-Sitosterol	17.639	3.5	ng	61143	6	15.533	350666	20.0