LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042123\
Data File : BF132979.D
Acq On : 21 Apr 2023 20:33
Operator : CG\JU
Sample : 02270-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-24-0-2-20230411

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC: BF132979.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.316	375	379	384	rVB	68859	77364	1.59%	0.101%
2	4.951	482	487	499	rVB	856654	1151263	23.67%	1.498%
3	5.363	552	557	560	rBV	4208988	4582146	94.23%	5.960%
4	6.204	694	700	704	rBV2	53407	76632	1.58%	0.100%
5	6.387	725	731	734	rBV	4155702	4632870	95.27%	6.026%
6	6.751	789	793	796	rBV	1420356	1241927	25.54%	1.615%
7	7.316	881	889	891	rBV	2980756	3051870	62.76%	3.970%
8	8.034	1007	1011	1013	rBV	2096770	1689161	34.74%	2.197%
9	8.051	1013	1014	1017	rVB	185621	104872	2.16%	0.136%
10	9.110	1189	1194	1197	rBV	5401668	4862948	100.00%	6.326%
11	9.645	1280	1285	1288	rBV	94889	83122	1.71%	0.108%
12	9.786	1303	1309	1312	rBV	2078483	1728989	35.55%	2.249%
13	9.816	1312	1314	1317	rVB	393272	283879	5.84%	0.369%
14	9.986	1340	1343	1347	rVB	157636	125812	2.59%	0.164%
15	10.328	1398	1401	1407	rVB	235220	201618	4.15%	0.262%
16	10.498	1426	1430	1434	rVB2	218591	211276	4.34%	0.275%
17	10.569	1438	1442	1446	rBV	2733247	2668558	54.88%	3.471%
18	10.698	1460	1464	1471	rVB4	72281	110885	2.28%	0.144%
19	10.880	1488	1495	1497	rBV3	47251	83583	1.72%	0.109%
20	11.069	1524	1527	1532	rVB	130541	118048	2.43%	0.154%
21	11.128	1532	1537	1539	rBV3	46710	77348	1.59%	0.101%
22	11.163	1539	1543	1549	rVB	118650	150098	3.09%	0.195%
23	11.222	1550	1553	1557	rBV	75536	93397	1.92%	0.121%
24	11.269	1557	1561	1563	rVV	1654632	1678071	34.51%	2.183%
25	11.292	1563	1565	1568	rVV	2357900	1732636	35.63%	2.254%
26	11.339	1568	1573	1576	rVV	667723	556232	11.44%	0.724%
27	11.375	1576	1579	1583	rVB2	77689	78130	1.61%	0.102%
28	11.492	1593	1599	1602	rBV2	304469	295746	6.08%	0.385%
29	11.733	1635	1640	1642	rBV4	58092	83769	1.72%	0.109%
30	11.769	1642	1646	1648	rVV	334717	309095	6.36%	0.402%
31	11.810	1648	1653	1656	rVV2	1141042	1339805	27.55%	1.743%
32	11.839	1656	1658	1661	rVV2	208003	208750	4.29%	0.272%
33	11.880	1661	1665	1667	rVV	517380	579202	11.91%	0.753%
34	11.898	1667	1668	1673	rVB	193468	147546	3.03%	0.192%
35	11.980	1678	1682	1684	rBV2	88721	100684	2.07%	0.131%
36	12.063	1693	1696	1698	rBV	254404	239637	4.93%	0.312%

LSC Area Percent Report

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Operator : CG\JU
Sample : 02270-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-24-0-2-20230411

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

37	12.080	1698	1699	1703	rVB2	212041	131482	2.70%	0.171%
38	12.210	1716	1721	1724	rBV2	79873	97537	2.01%	0.127%
39	12.316	1736	1739	1742	rBV	169679	171271	3.52%	0.223%
40	12.351	1742	1745	1747	rVV	105664	117335	2.41%	0.153%
41	12.398	1751	1753	1758	rVV3	152553	163397	3.36%	0.213%
42	12.480	1762	1767	1770	rVV	3674712	3437956	70.70%	4.472%
43	12.527	1770	1775	1780	rVV4	150188	288254	5.93%	0.375%
44	12.592	1783	1786	1790	rVV	649814	648584	13.34%	0.844%
45	12.627	1790	1792	1799	rVV	151650	199574	4.10%	0.260%
46	12.710	1799	1806	1809	rVV	3040138	3669201	75.45%	4.773%
47	12.751	1811	1813	1818	rVB2	132989	164842	3.39%	0.214%
48	12.822	1823	1825	1827	rBV	172257	151905	3.12%	0.198%
49	12.857	1827	1831	1834	rVV	4343580	3914608	80.50%	5.092%
50	12.927	1837	1843	1846	rBV4	217324	356442	7.33%	0.464%
51	13.010	1854	1857	1859	rVV2	176596	231553	4.76%	0.301%
52	13.033	1859	1861	1864	rVB	547608	452019	9.30%	0.588%
53	13.098	1869	1872	1875	rBV	460190	385186	7.92%	0.501%
54	13.133	1875	1878	1881	rBV	348762	360358	7.41%	0.469%
55	13.163	1881	1883	1886	rVB2	188001	148896	3.06%	0.194%
56	13.227	1891	1894	1897	rVB	181368	162541	3.34%	0.211%
57	13.257	1897	1899	1903	rBV	202474	195243	4.01%	0.254%
58	13.333	1910	1912	1922	rVB7	74707	125940	2.59%	0.164%
59	13.439	1927	1930	1932	rBV3	91733	95170	1.96%	0.124%
60	13.533	1941	1946	1952	rBV	257960	342621	7.05%	0.446%
61	13.651	1961	1966	1969	rBV2	359717	467967	9.62%	0.609%
62	13.680	1969	1971	1973	rVV	329170	284337	5.85%	0.370%
63	13.704	1973	1975	1979	rVV2	285651	414361	8.52%	0.539%
64	13.745	1979	1982	1984	rVV2	243936	276314	5.68%	0.359%
65	13.769	1984	1986	1992	rVB	279711	294723	6.06%	0.383%
66	13.816	1992	1994	1998	rVB	79514	77371	1.59%	0.101%
67	13.898	2001	2008	2011	rBV2	2576879	3721026	76.52%	4.840%
68	13.927	2011	2013	2019	rVB	1781991	1749204	35.97%	2.275%
69	14.004	2019	2026	2030	rBV2	1013058	1266771	26.05%	1.648%
70	14.086	2038	2040	2043	rBV2	146692	134493	2.77%	0.175%
71	14.116	2043	2045	2046	rVV	121021	114713	2.36%	0.149%
72	14.227	2058	2064	2066	rBV4	134314	205163	4.22%	0.267%
73	14.251	2066	2068	2070	rBV	112692	106711	2.19%	0.139%
74	14.286	2070	2074	2077	rVV	330713	364307	7.49%	0.474%
75	14.321	2077	2080	2083	rVB	235360	223741	4.60%	0.291%
76	14.380	2087	2090	2093	rVV3	208020	296305	6.09%	0.385%

LSC Area Percent Report

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Operator : CG\JU
Sample : 02270-13
Misc :
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.410	2093	2095	2097	rVV2	297573	298852	6.15%	0.389%
78	14.433	2097	2099	2102	rVV2	249564	233016	4.79%	0.303%
79	14.468	2102	2105	2106	rVV	77526	75795	1.56%	0.099%
80	14.486	2106	2108	2111	rVB2	119111	109474	2.25%	0.142%
81	14.586	2122	2125	2128	rBV2	162624	204542	4.21%	0.266%
82	14.698	2141	2144	2150	rVB7	67994	108565	2.23%	0.141%
83	14.768	2154	2156	2159	rVV2	142142	133641	2.75%	0.174%
84	14.833	2163	2167	2170	rBV2	300076	307956	6.33%	0.401%
85	14.927	2177	2183	2186	rBV	1810659	2973180	61.14%	3.867%
86	15.021	2196	2199	2201	rBV2	589706	636172	13.08%	0.828%
87	15.045	2201	2203	2210	rVB3	458628	624409	12.84%	0.812%
88	15.210	2227	2231	2237	rVB	1041791	1428514	29.38%	1.858%
89	15.274	2237	2242	2247	rBV	1432005	1724845	35.47%	2.244%
90	15.333	2247	2252	2254	rBV	851735	1037947	21.34%	1.350%
91	15.357	2254	2256	2264	rVB	454571	606365	12.47%	0.789%
92	15.798	2326	2331	2336	rBV	409249	651064	13.39%	0.847%
93	15.857	2338	2341	2349	rVB2	199709	338665	6.96%	0.441%
94	16.710	2481	2486	2495	rBV2	532806	1002951	20.62%	1.305%
95	16.851	2505	2510	2512	rBV4	106600	189275	3.89%	0.246%
96	16.927	2521	2523	2528	rVB2	72801	102433	2.11%	0.133%
97	17.127	2551	2557	2572	rVB	452478	1017421	20.92%	1.323%
98	17.292	2581	2585	2590	rBV6	107765	228647	4.70%	0.297%
99	18.309	2754	2758	2767	rVB4	252152	620156	12.75%	0.807%
100	18.703	2817	2825	2837	rVB6	410596	1457533	29.97%	1.896%

Sum of corrected areas: 76877809

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Instrument :
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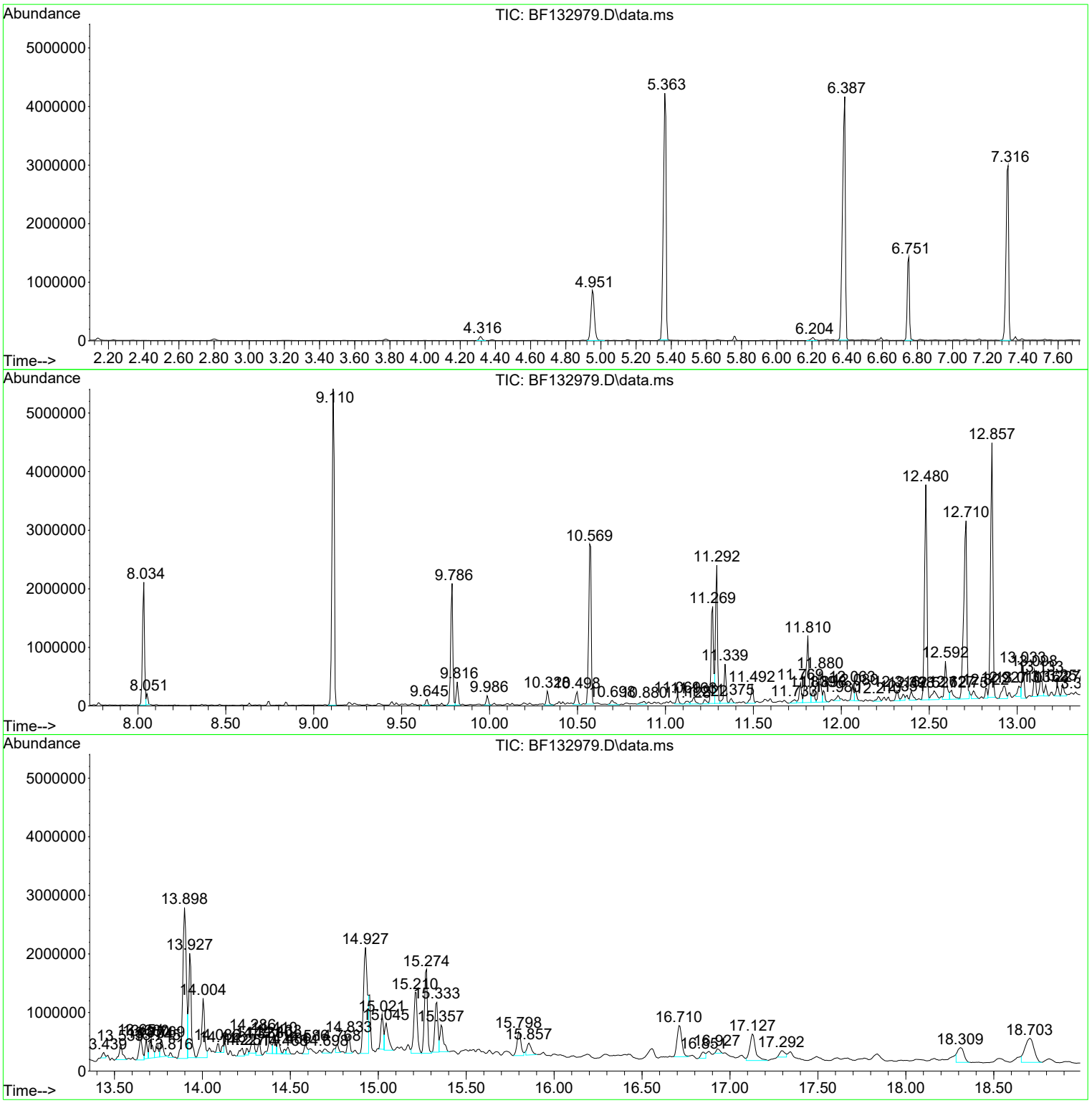
ClientSampleId :
SB-24-0-2-20230411

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

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



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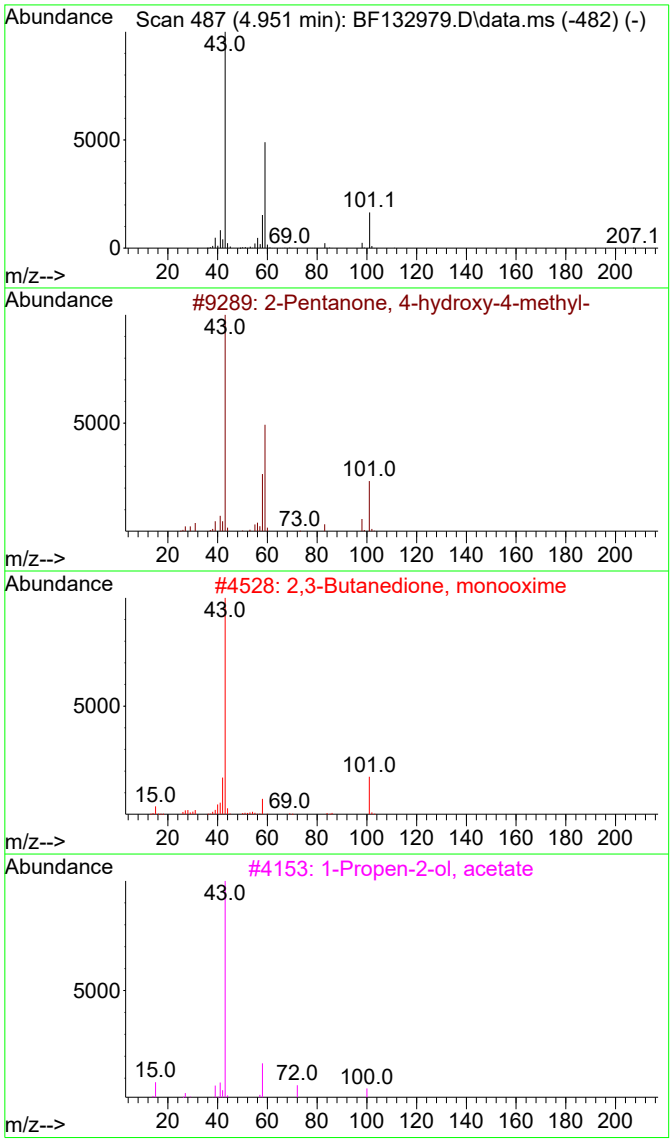
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

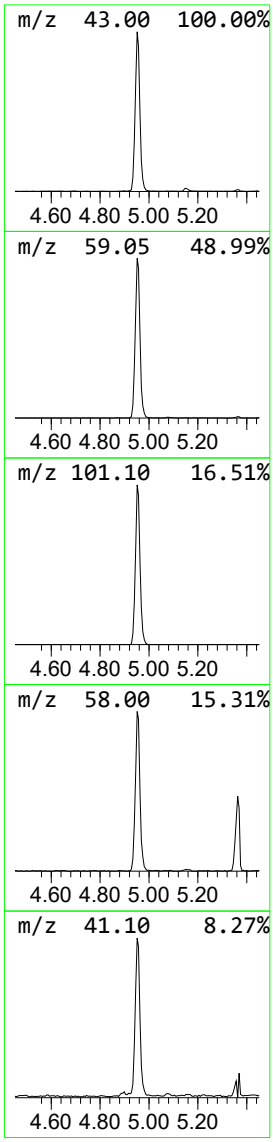
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.951	18.54 ng	1151260	1,4-Dichlorobenzene-d4	6.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5	Allyl acetate	100	C5H8O2	000591-87-7	9





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

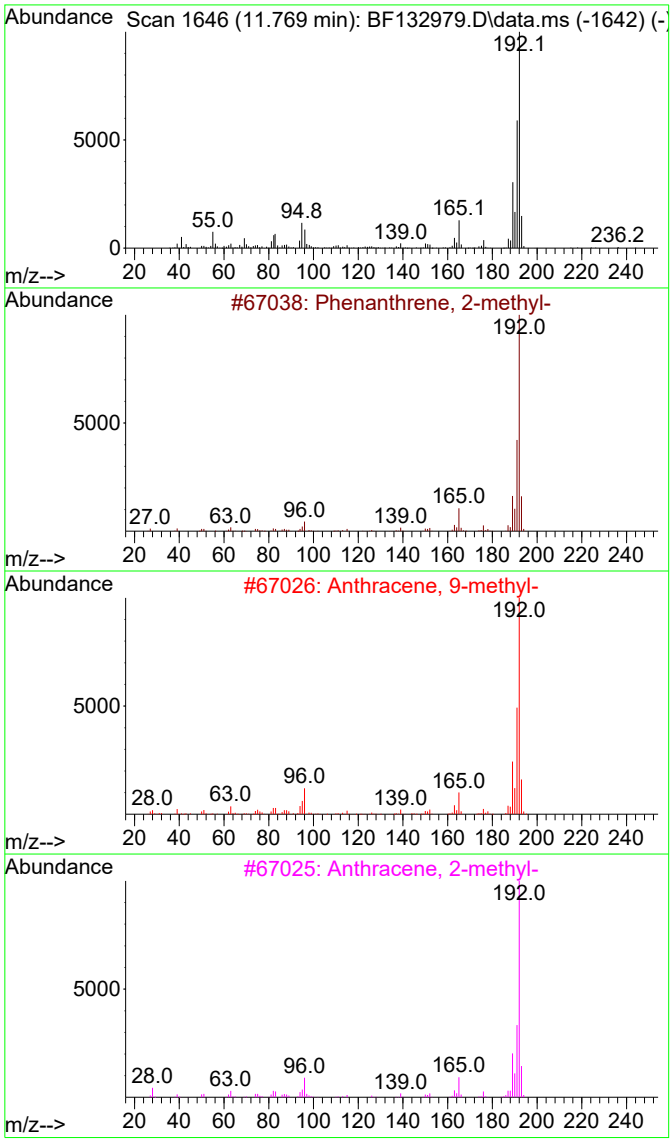
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

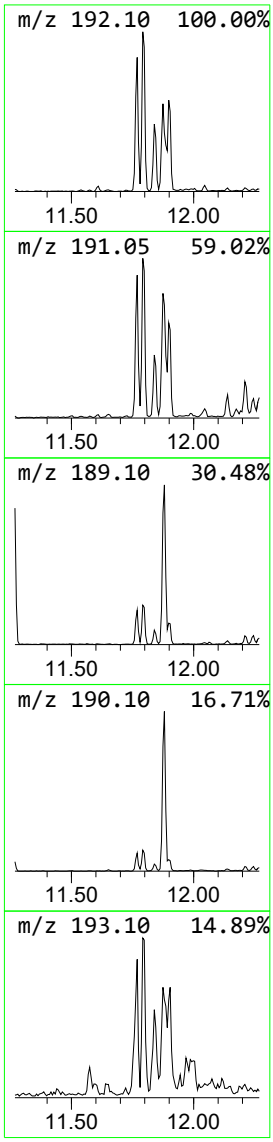
****

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.769	3.68 ng	309095	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042123\
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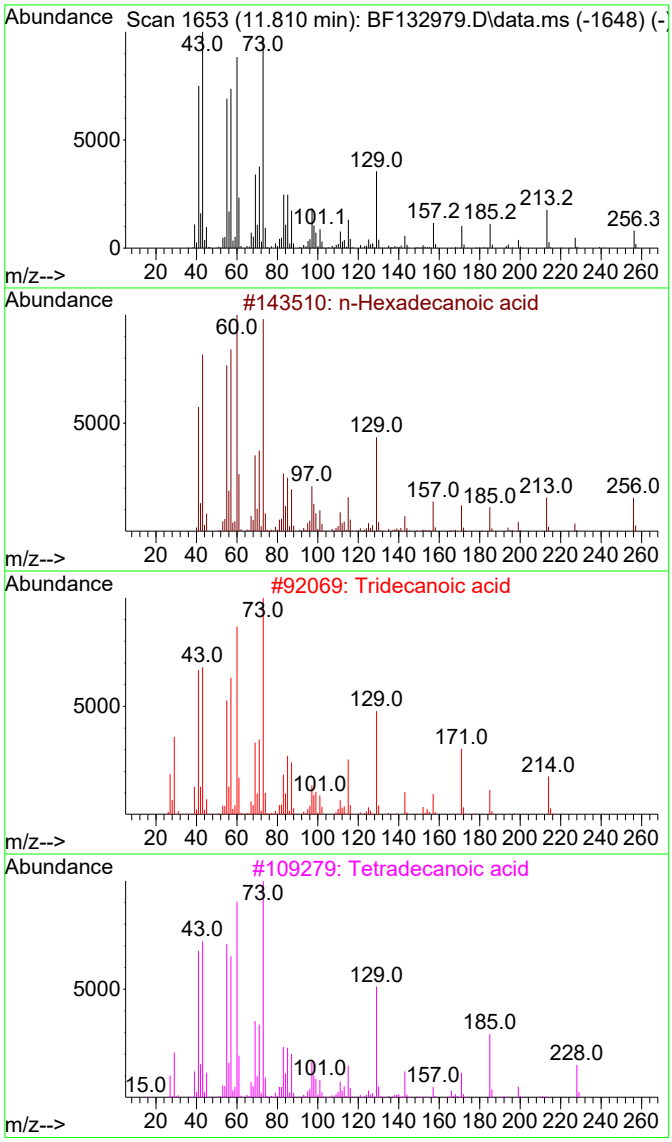
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

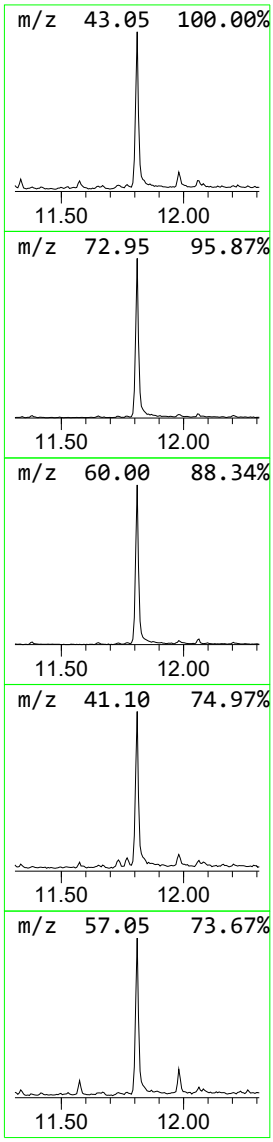
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	15.97 ng	1339810	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Octanoic acid	144	C8H16O2	000124-07-2	60





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

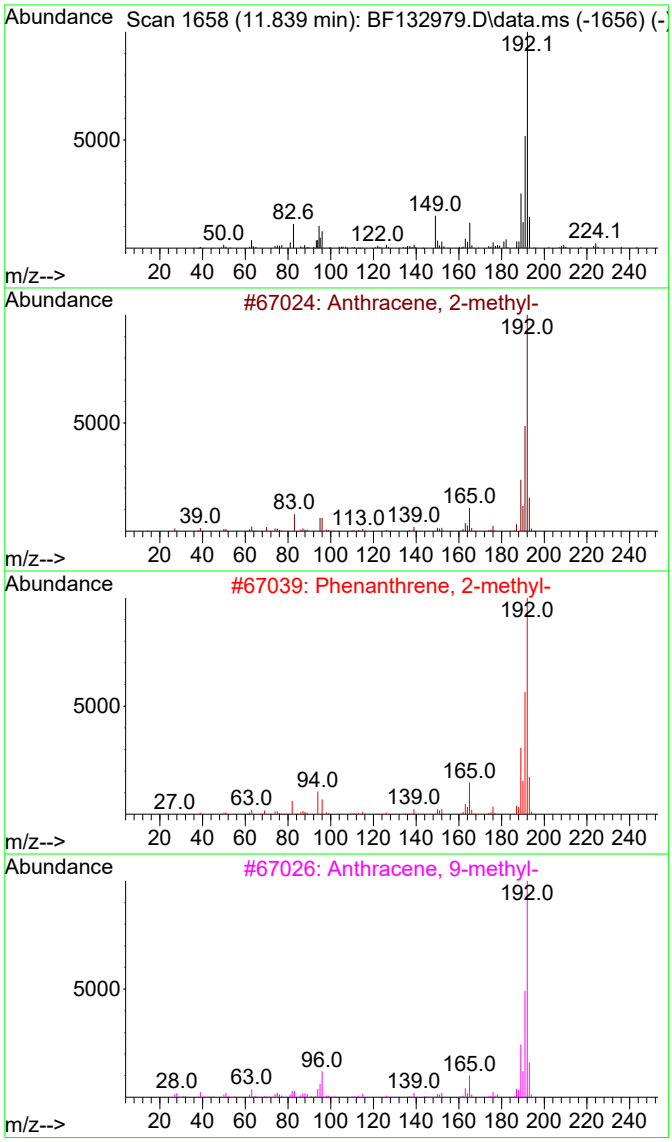
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

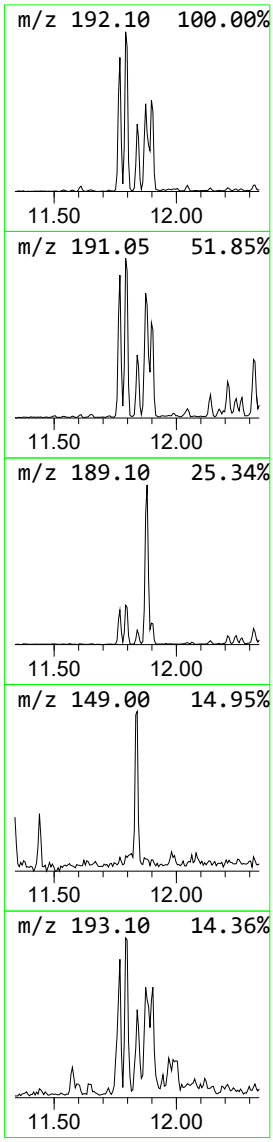
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	2.49 ng	208750	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042123\
Data File : BF132979.D
Acq On : 21 Apr 2023 20:33
Operator : CG\JU
Sample : 02270-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

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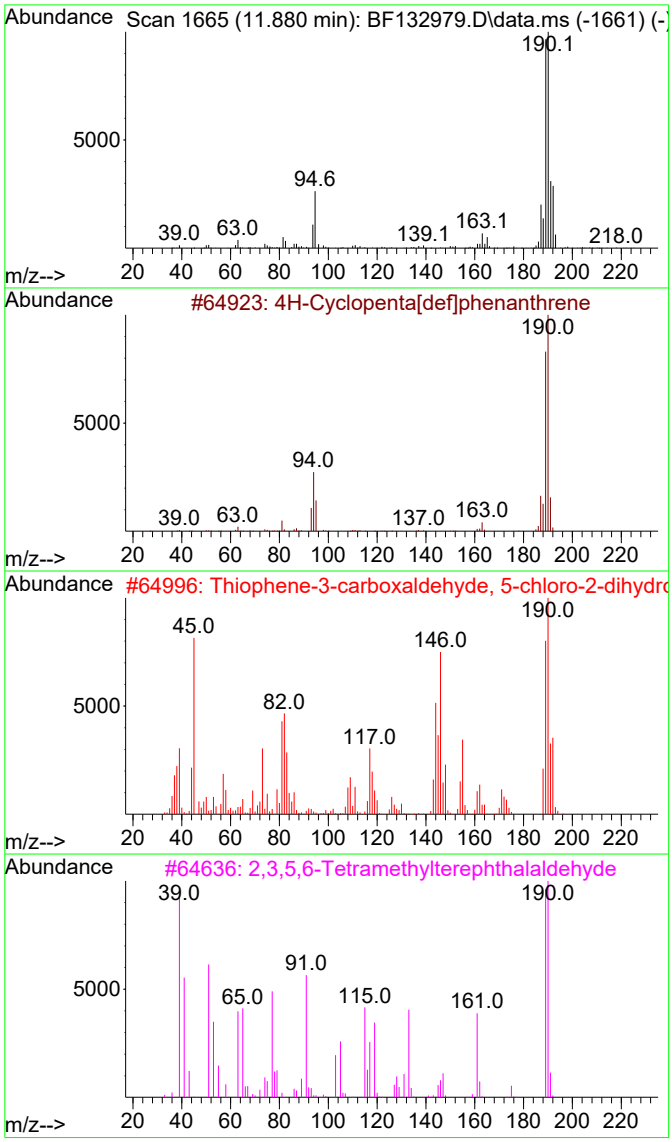
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

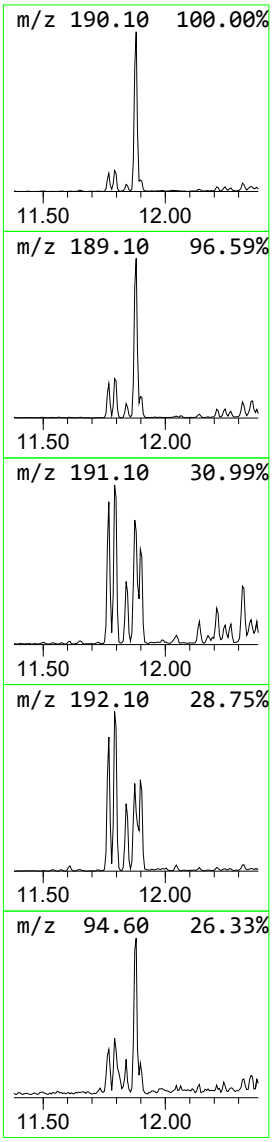
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	6.90 ng	579202	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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Operator : CG\JU
Sample : 02270-13
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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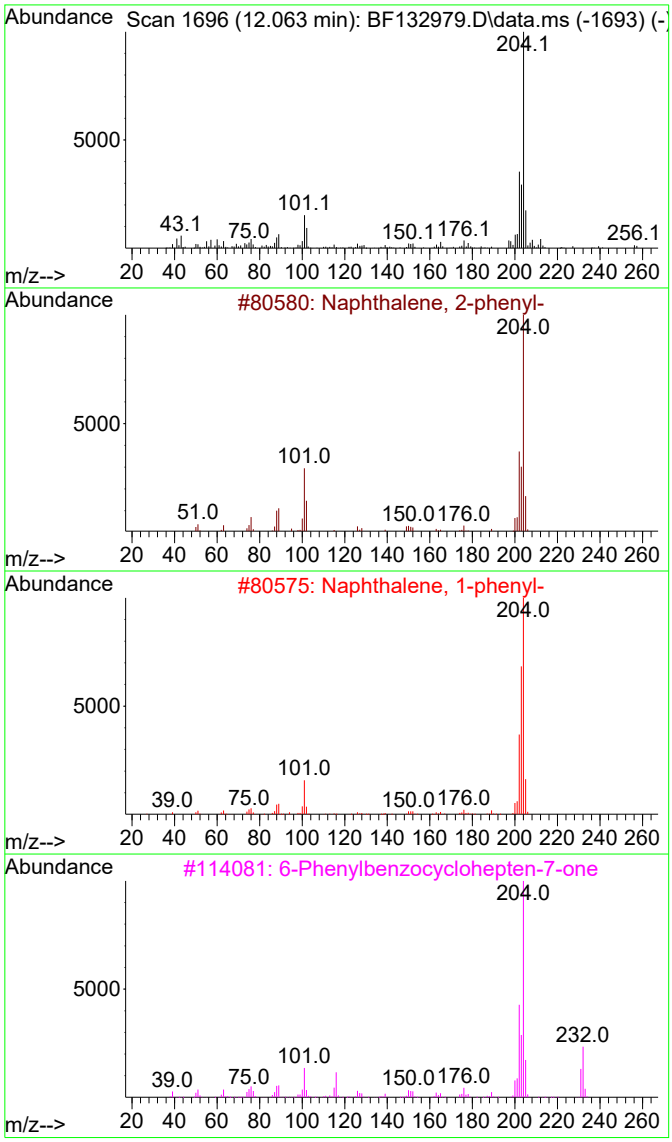
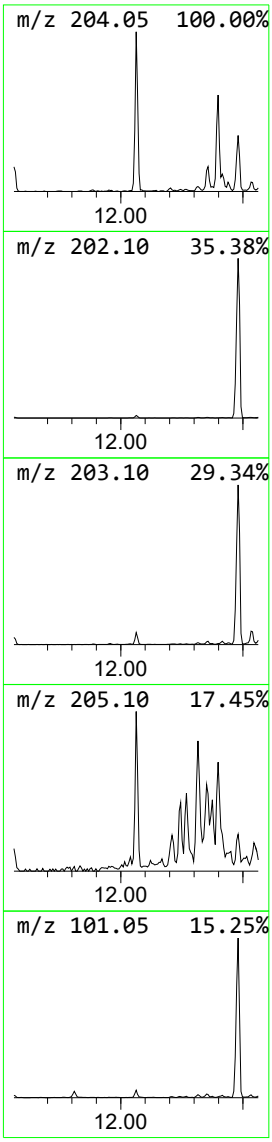
Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	2.86 ng	239637	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	80
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	64





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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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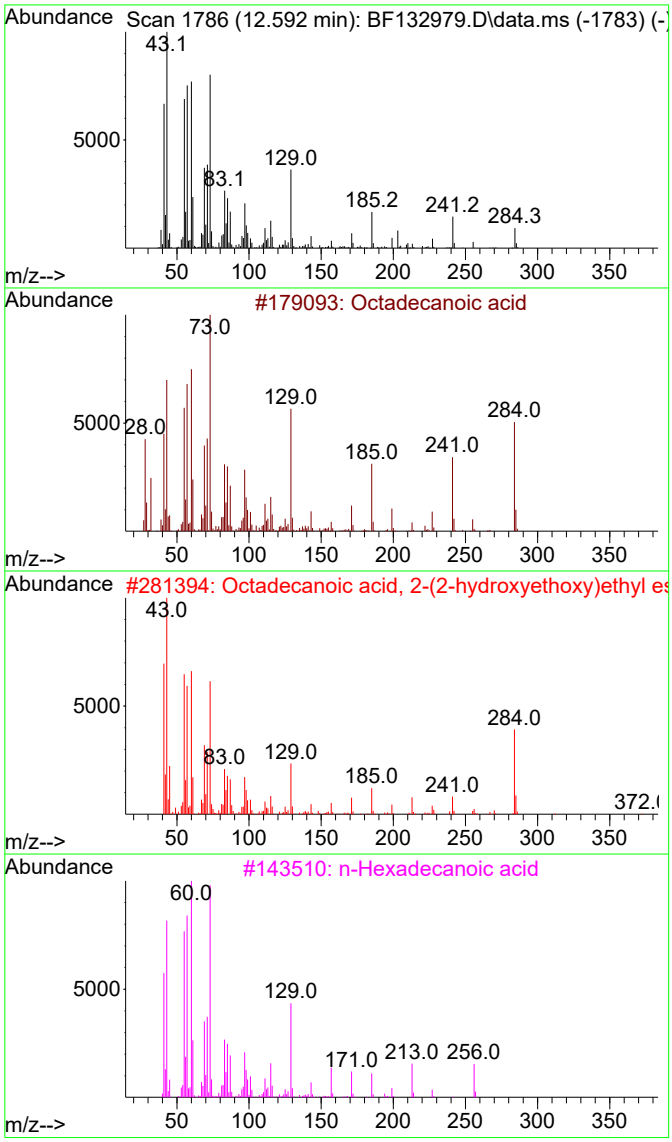
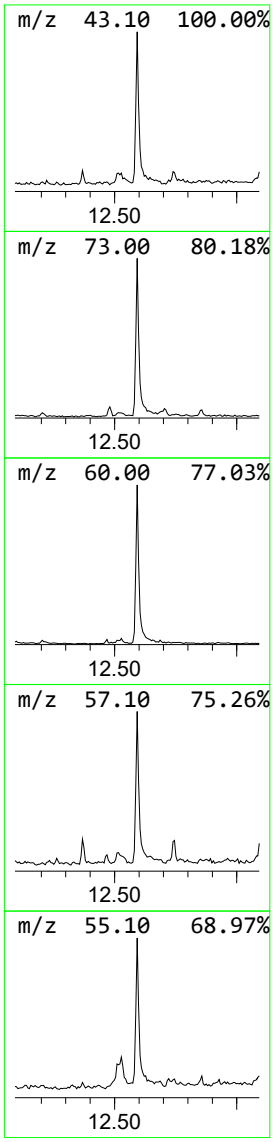
Peak Number 7 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.592	3.49 ng	648584	Chrysene-d12	13.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	68





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

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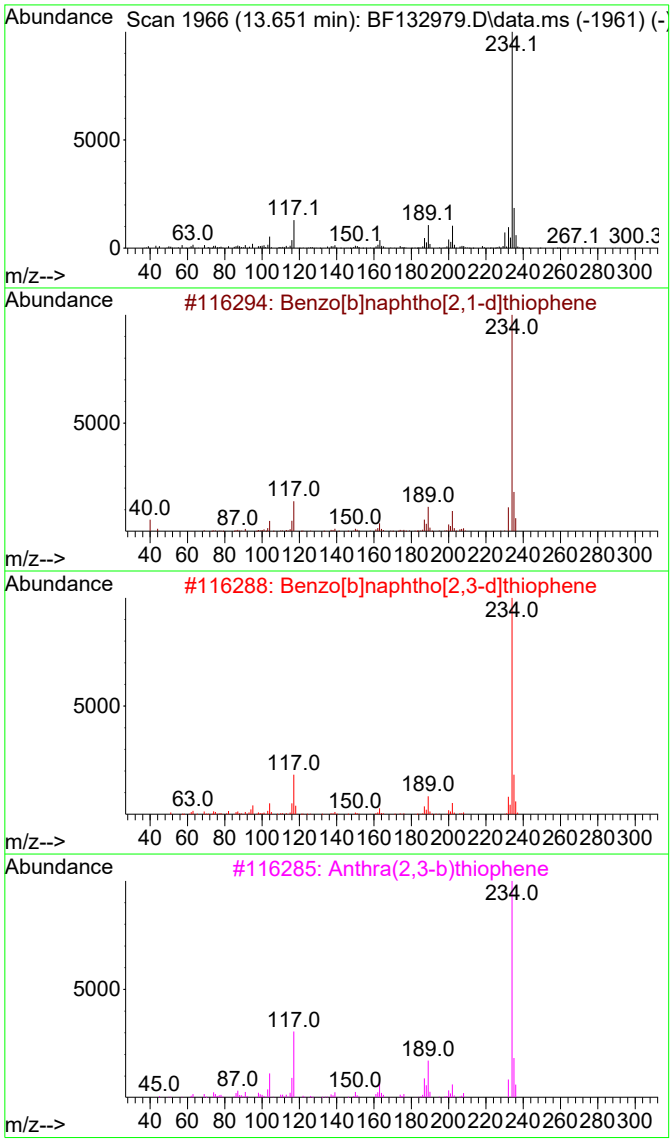
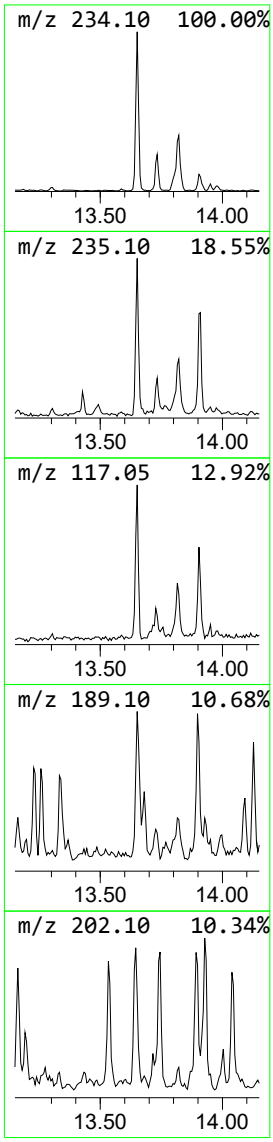
Peak Number 8 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.651	2.52 ng	467967	Chrysene-d12	13.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	98
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	97
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	91
5	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	81





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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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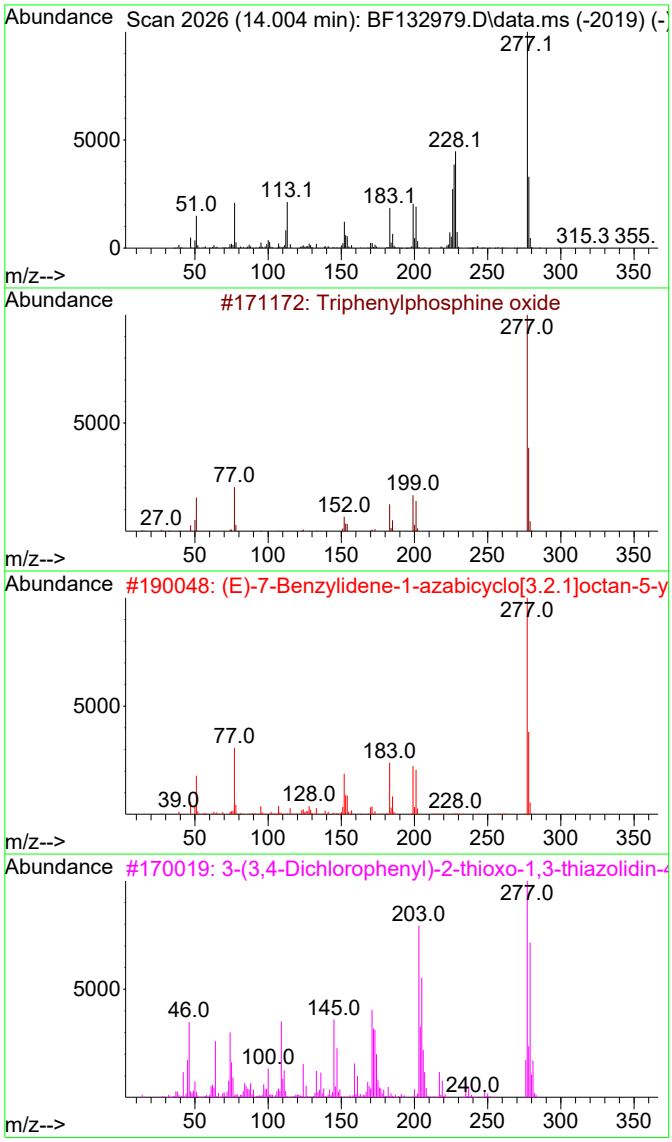
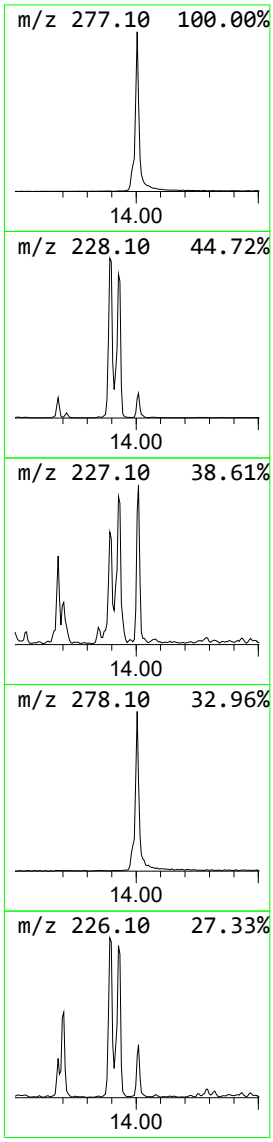
Peak Number 9 Triphenylphosphine oxide Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.004	6.81 ng	1266770	Chrysene-d12	13.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	95
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	50
3	3-(3,4-Dichlorophenyl)-2-thioxo-...	277	C9H5Cl2NOS2	017046-34-3	22
4	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	16
5	5-quinolinol, 8-[2-(3,5-dimethyl...	277	C17H15N3O	1000397-10-2	12





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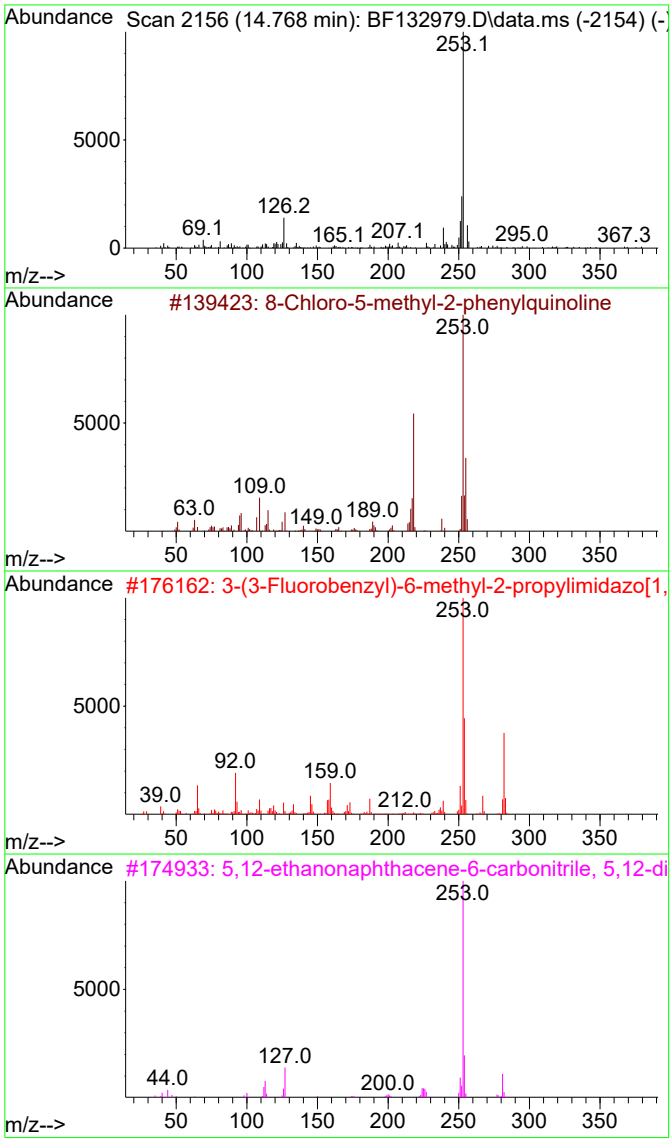
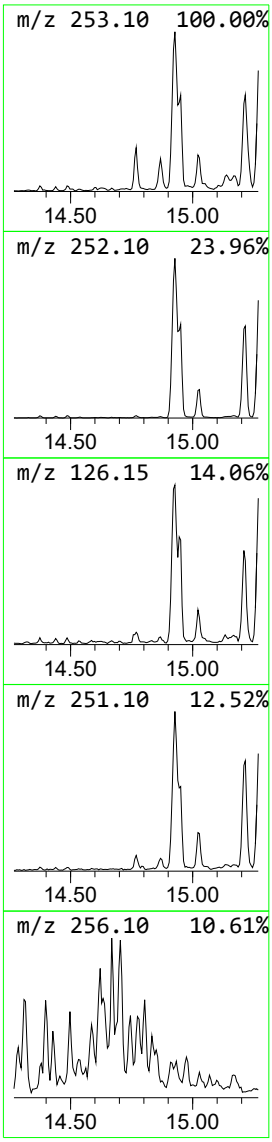
Peak Number 10 unknown14.769 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.769	2.58 ng	133641	Perylene-d12	15.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Chloro-5-methyl-2-phenylquinoline	253	C16H12ClN	025413-16-5	36
2	3-(3-Fluorobenzyl)-6-methyl-2-pr...	282	C18H19FN2	1000457-96-1	33
3	5,12-ethanonaphthacene-6-carboni...	281	C21H15N	1000397-19-0	33
4	2,4-Diamino-8-hydroxy-5-(pentan-...	324	C18H20N4O2	1000444-37-4	23
5	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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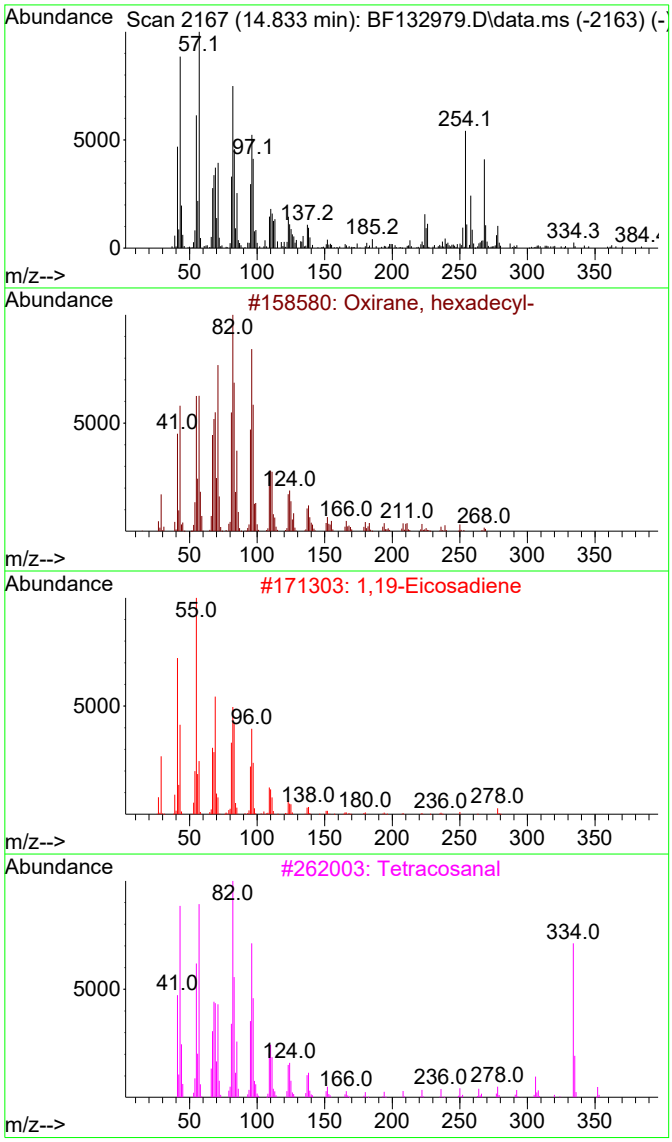
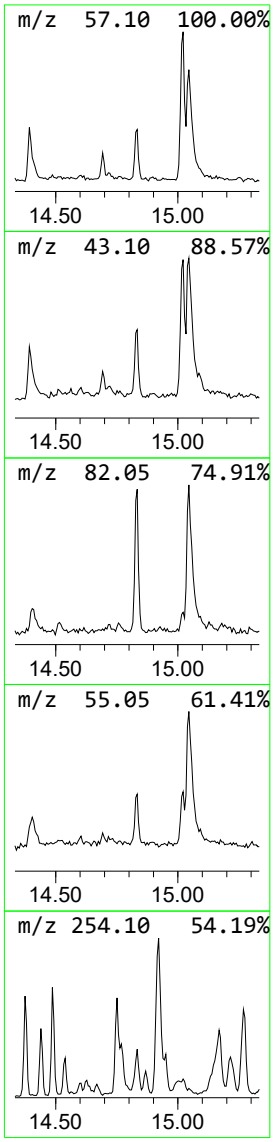
Peak Number 11 Oxirane, hexadecyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.833	5.93 ng	307956	Perylene-d12	15.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	70
2	1,19-Eicosadiene	278	C20H38	014811-95-1	60
3	Tetracosanal	352	C24H48O	057866-08-7	55
4	16-Heptadecenal	252	C17H32O	1010144-57-9	55
5	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	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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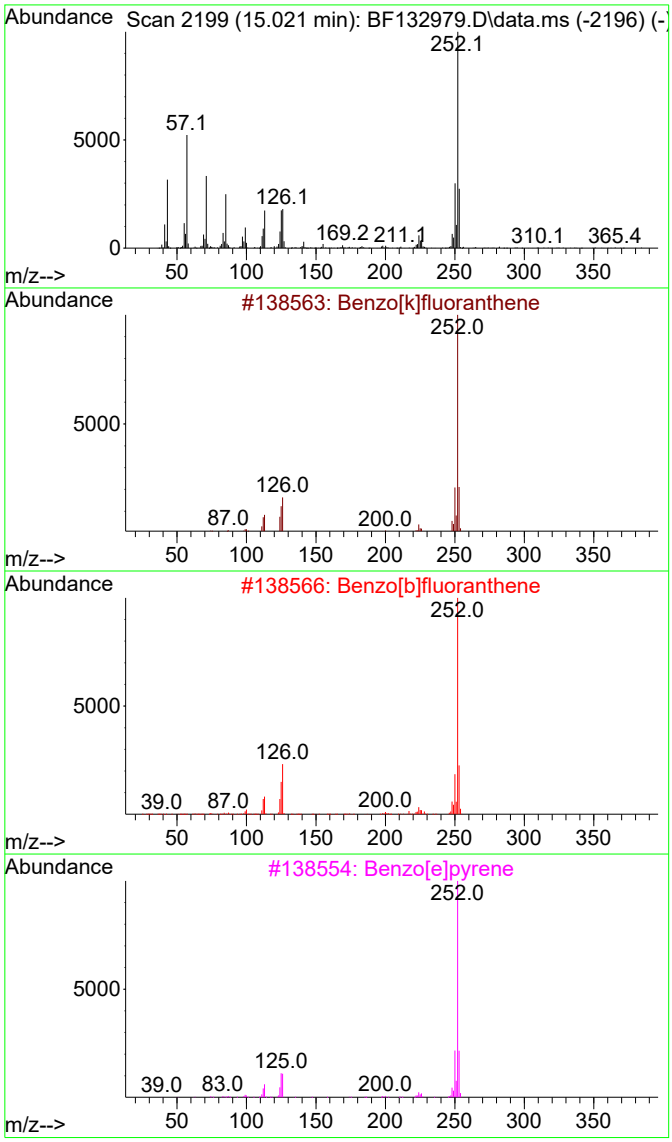
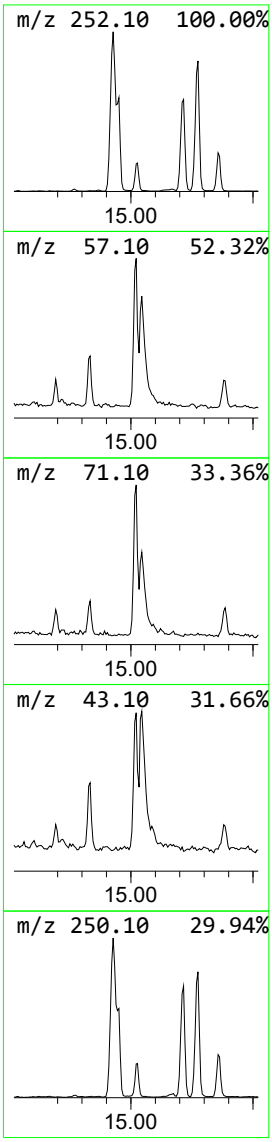
Peak Number 12 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.021	12.26 ng	636172	Perylene-d12	15.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	92
3	Benzo[e]pyrene	252	C20H12	000192-97-2	89
4	Perylene	252	C20H12	000198-55-0	89
5	Benzo[a]pyrene	252	C20H12	000050-32-8	89





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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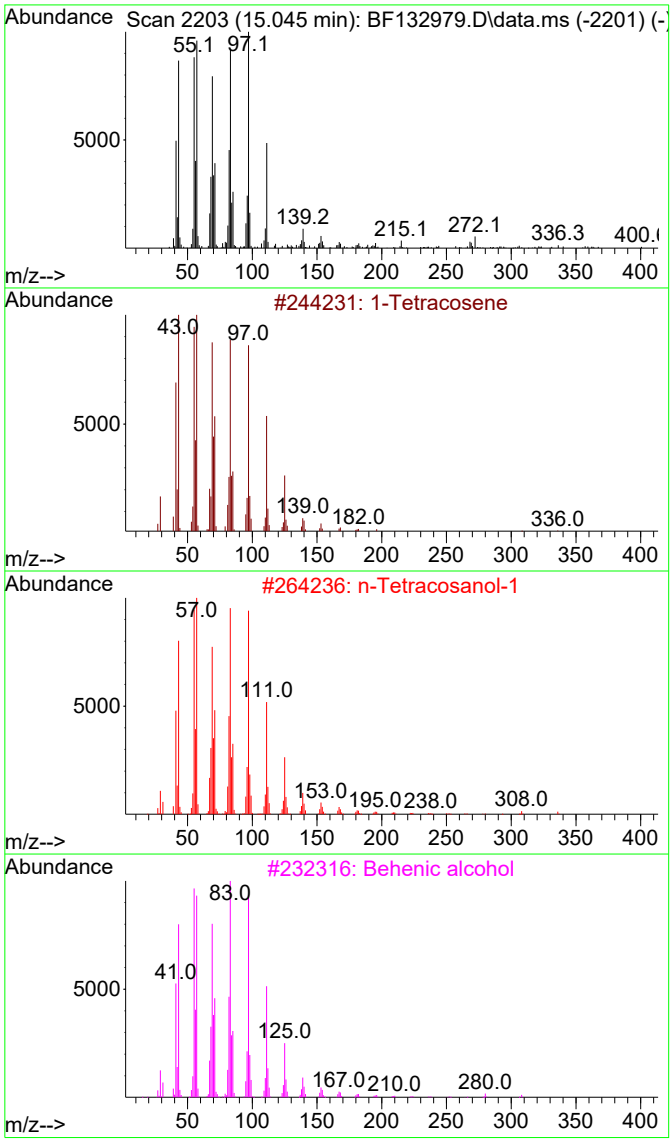
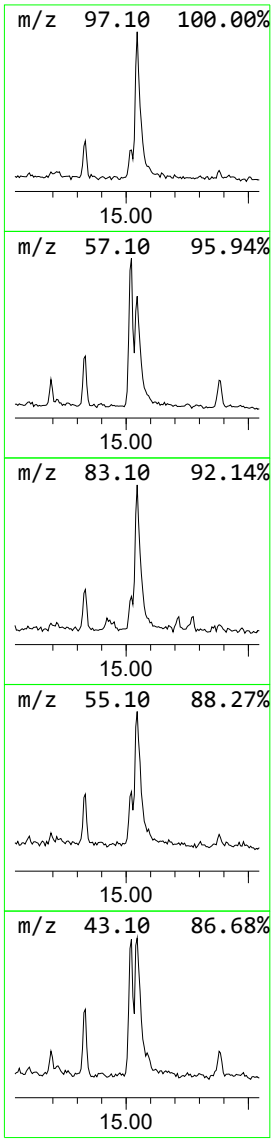
Peak Number 13 1-Tetracosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.045	12.03 ng	624409	Perylene-d12	15.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	98
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	Octacosanol	410	C28H58O	000557-61-9	91
5	1-Tricosene	322	C23H46	018835-32-0	87





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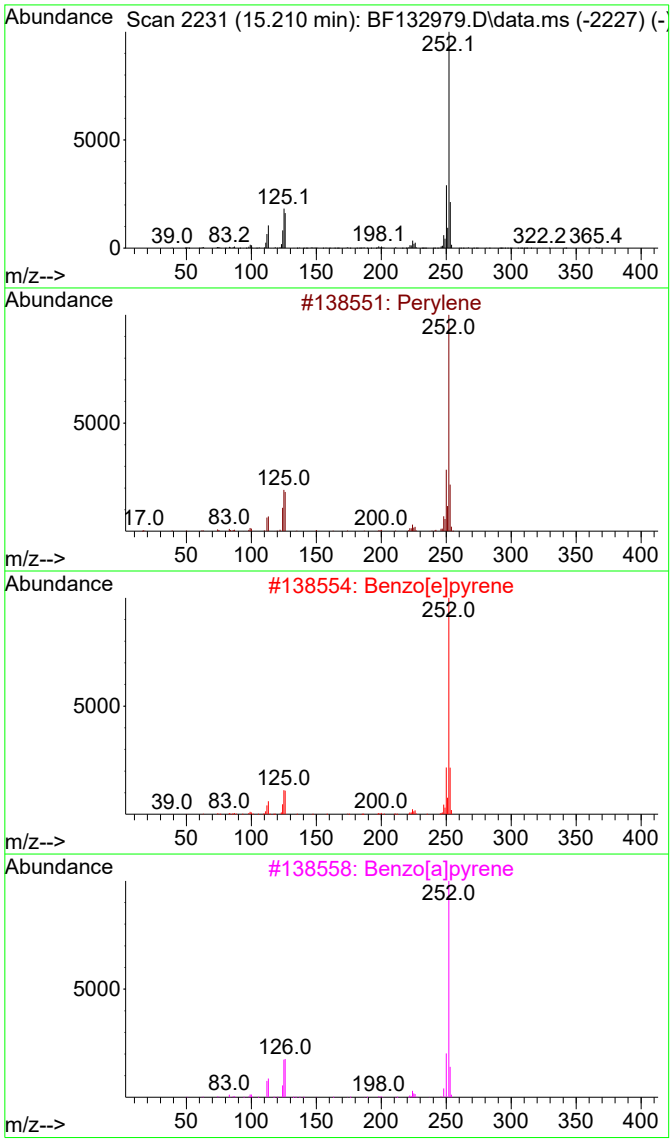
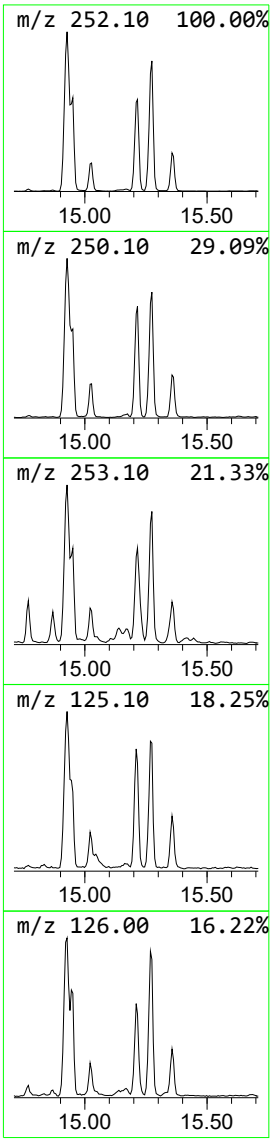
Peak Number 14 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	27.53 ng	1428510	Perylene-d12	15.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





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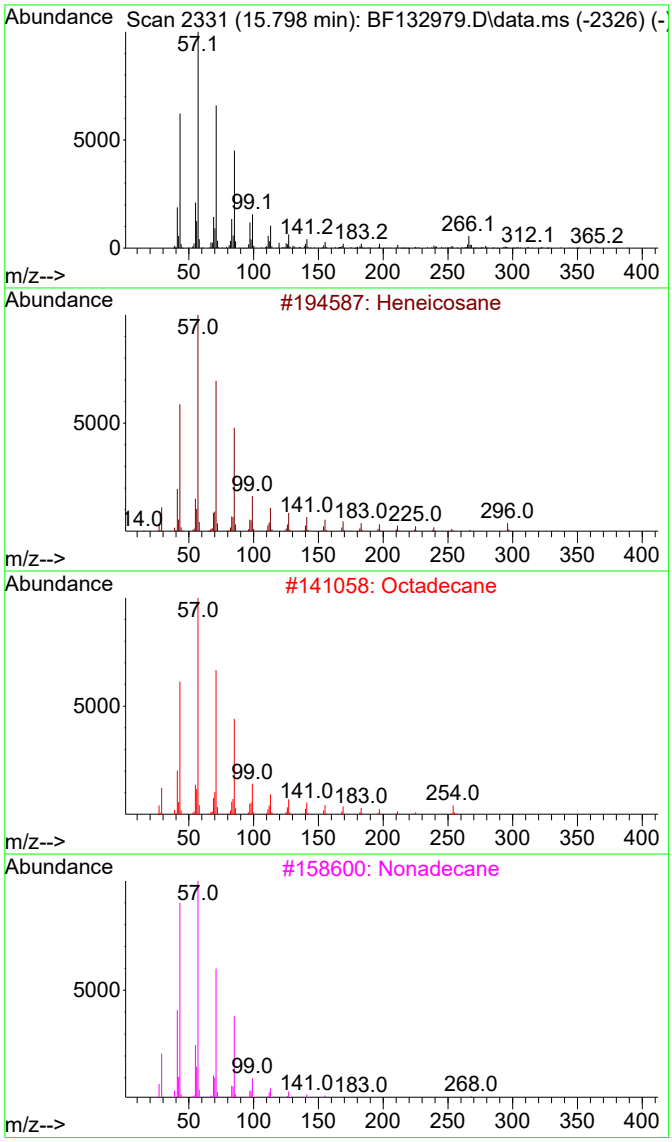
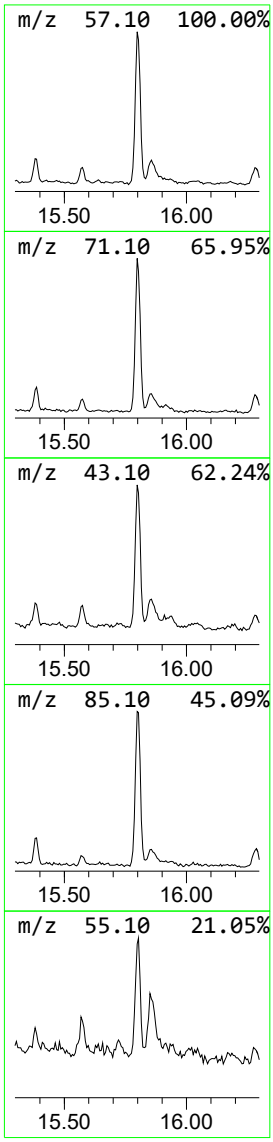
Peak Number 15 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.798	12.55 ng	651064	Perylene-d12	15.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Octadecane	254	C18H38	000593-45-3	94
3	Nonadecane	268	C19H40	000629-92-5	91
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90





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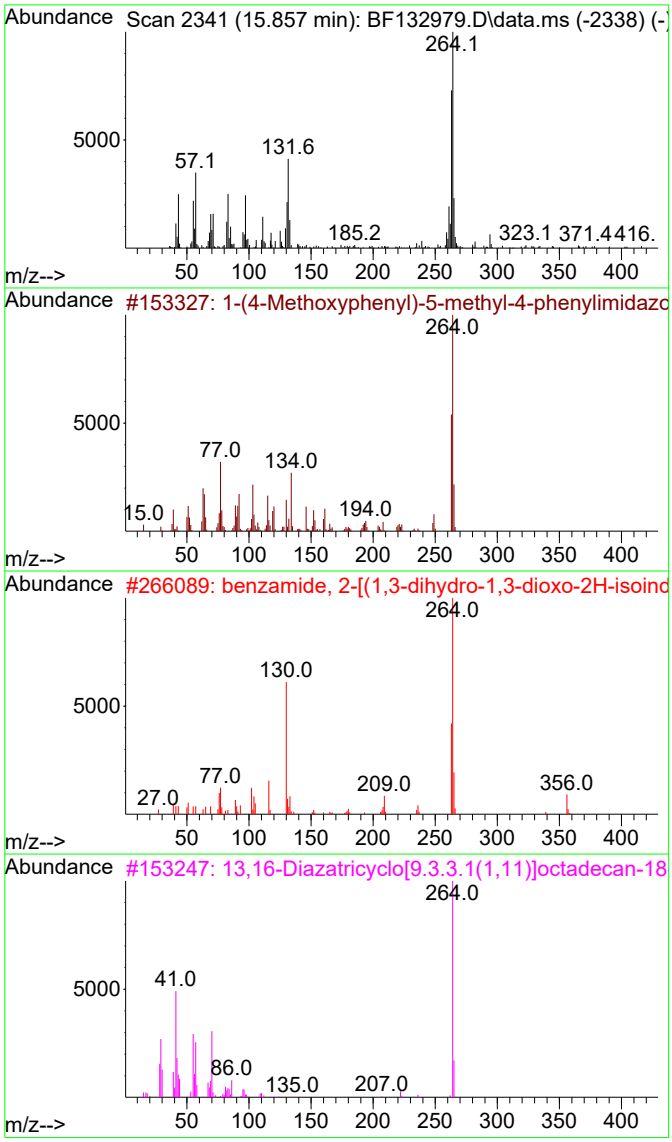
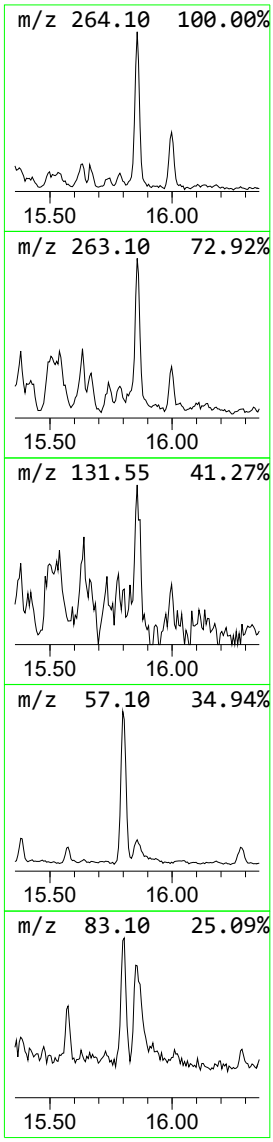
Peak Number 16 unknown15.857 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.857	6.53 ng	338665	Perylene-d12	15.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4-Methoxyphenyl)-5-methyl-4-p...	264	C17H16N2O	1000436-38-1	43
2	benzamide, 2-[(1,3-dihydro-1,3-d...	356	C22H16N2O3	1000398-42-8	38
3	13,16-Diazatricyclo[9.3.3.1(1,11...	264	C16H28N2O	1010436-73-6	27
4	2,5-Bis(4-hydroxyphenyl)pyrimidine	264	C16H12N2O2	159488-83-2	27
5	11-Methyl-10-phenyl-1,7,8,12-tet...	264	C15H12N4O	1000387-98-4	27





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Acq On : 21 Apr 2023 20:33
Operator : CG\JU
Sample : 02270-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-24-0-2-20230411

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

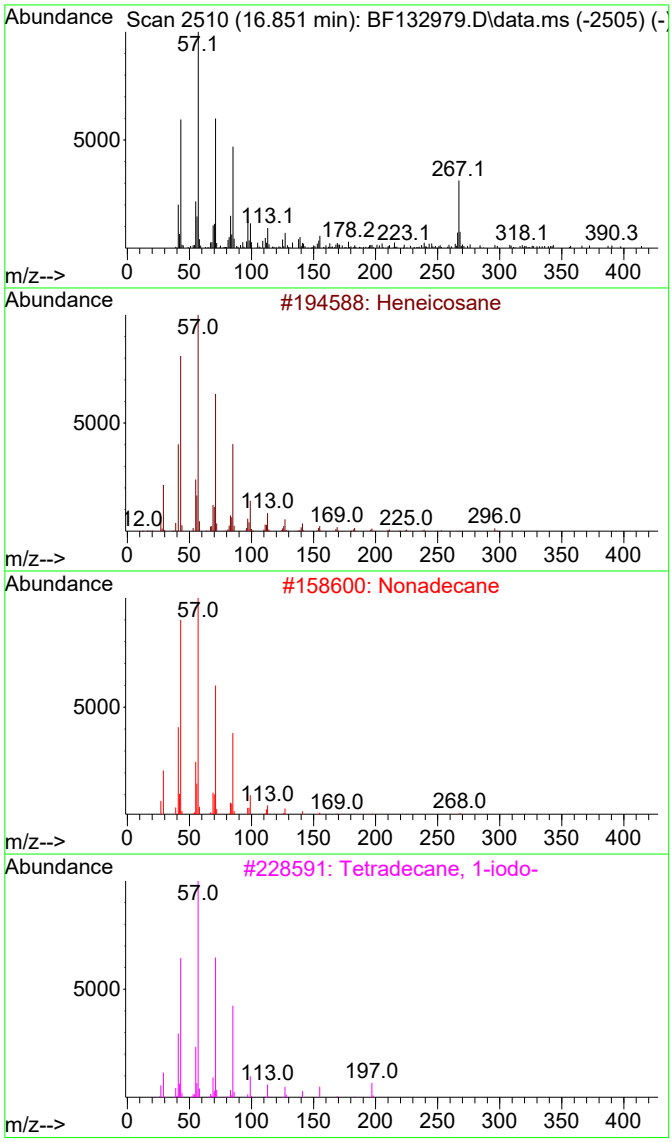
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

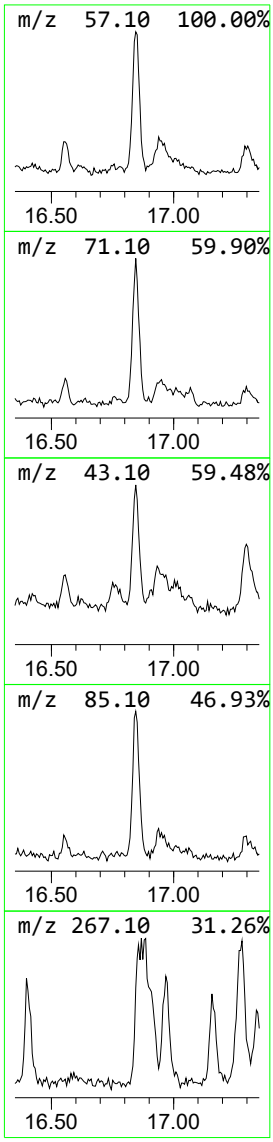
****

Peak Number 17 Nonadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.851	3.65 ng	189275	Perylene-d12	15.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Nonadecane	268	C19H40	000629-92-5	90
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
4	10-Methylnonadecane	282	C20H42	056862-62-5	58
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042123\
Data File : BF132979.D
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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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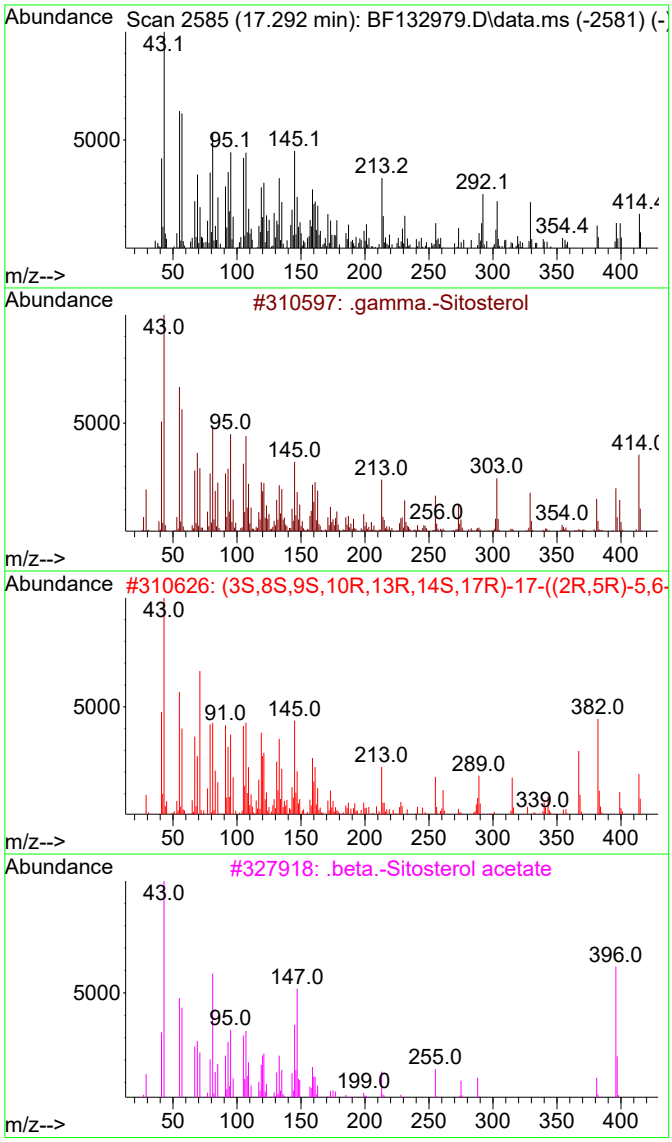
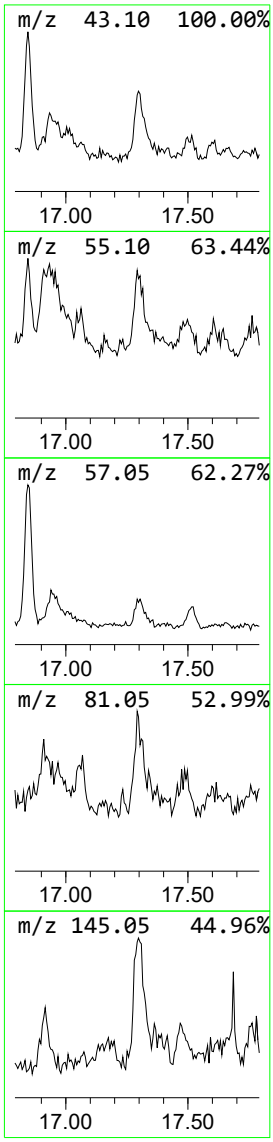
Peak Number 18 .gamma.-Sitosterol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.292	4.41 ng	228647	Perylene-d12	15.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	98
2	(3S,8S,9S,10R,13R,14S,17R)-17-((...	414	C29H50O	029365-29-5	55
3	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	47
4	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	43
5	Campesterol	400	C28H48O	000474-62-4	43





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Data File : BF132979.D
Acq On : 21 Apr 2023 20:33
Operator : CG\JU
Sample : 02270-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-24-0-2-20230411

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

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

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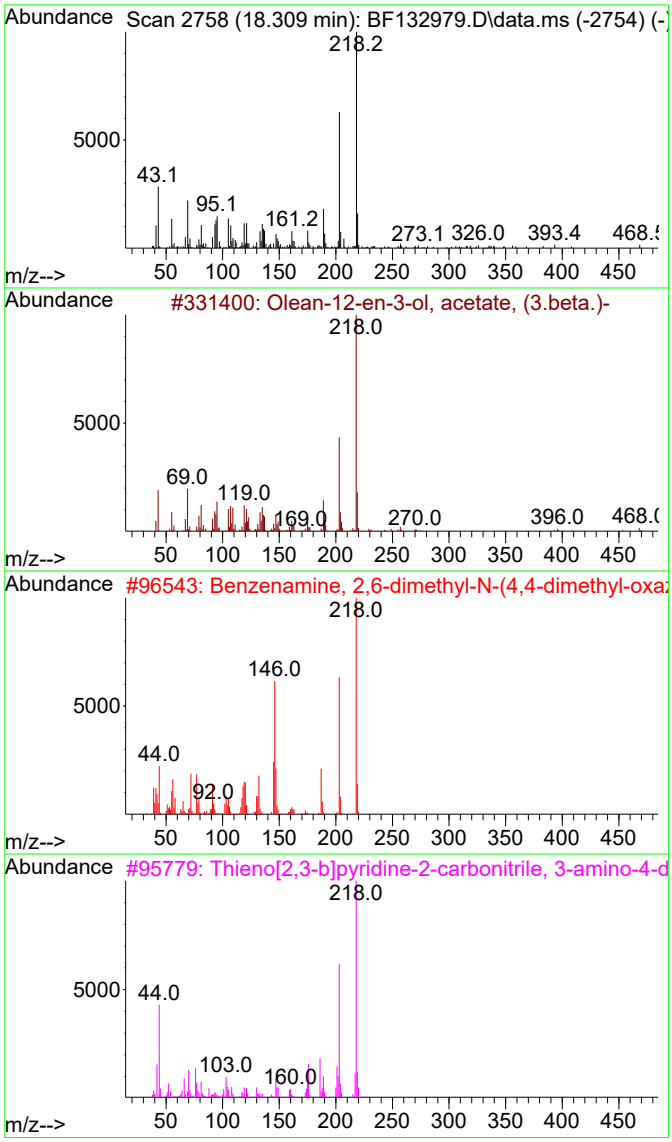
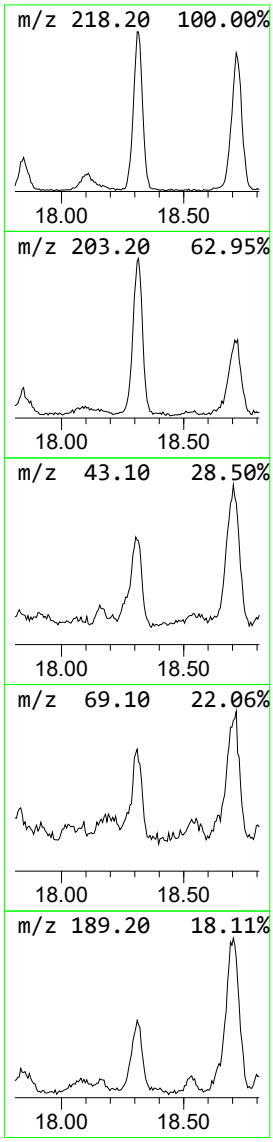
Peak Number 19 Olean-12-en-3-ol, acetate, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.309	11.95 ng	620156	Perylene-d12	15.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Olean-12-en-3-ol, acetate, (3.be...	468	C32H52O2	001616-93-9	93
2	Benzenamine, 2,6-dimethyl-N-(4,4...	218	C13H18N2O	281211-68-5	58
3	Thieno[2,3-b]pyridine-2-carbonit...	218	C10H10N4S	147992-88-9	53
4	.beta.-Amyrin, TMS derivative	498	C33H58OSi	001721-67-1	53
5	.beta.-Amyrone	424	C30H48O	000638-97-1	52





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Instrument :
BNA_F
ClientSampleId :
SB-24-0-2-20230411

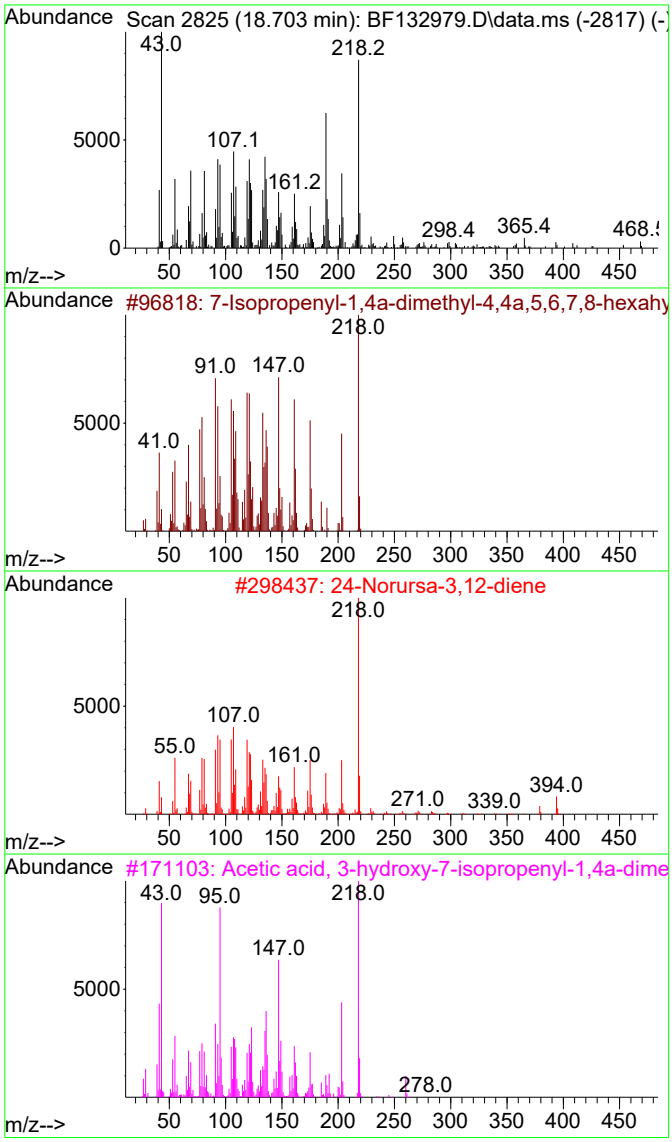
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

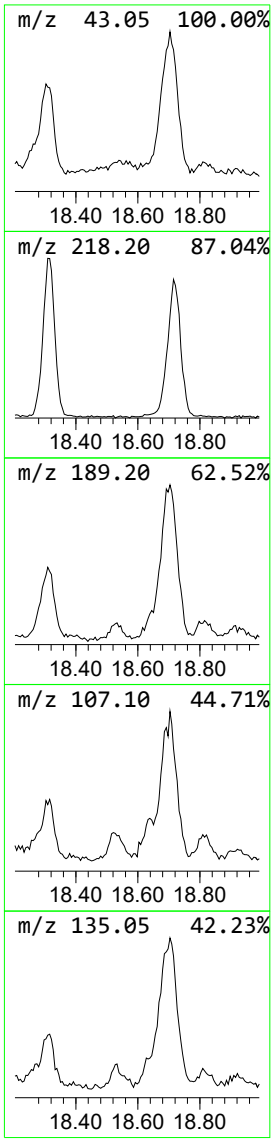
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 7-Isopropenyl-1,4a-dimethyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.703	28.08 ng	1457530	Perylene-d12	15.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Isopropenyl-1,4a-dimethyl-4,4a...	218	C15H22O	000473-08-5	90
2	24-Norursa-3,12-diene	394	C29H46	201358-25-0	70
3	Acetic acid, 3-hydroxy-7-isoprop...	278	C17H26O3	1005273-98-2	49
4	Epilupeol; 20(29)-Lupen-3alpha-o...	468	C32H52O2	1000513-01-7	46
5	(3aR,4R,7R)-1,4,9,9-Tetramethyl-...	218	C15H22O	003466-15-7	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042123\
Data File : BF132979.D
Acq On : 21 Apr 2023 20:33
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Sample : 02270-13
Misc :
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Instrument :
BNA_F
ClientSampleId :
SB-24-0-2-20230411

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.951	18.5	ng	1151260	1	6.751	1241930	20.0
Phenanthrene, 2...	11.769	3.7	ng	309095	4	11.269	1678070	20.0
n-Hexadecanoic ...	11.810	16.0	ng	1339810	4	11.269	1678070	20.0
Anthracene, 2-m...	11.839	2.5	ng	208750	4	11.269	1678070	20.0
4H-Cyclopenta[d...	11.880	6.9	ng	579202	4	11.269	1678070	20.0
Naphthalene, 2-...	12.063	2.9	ng	239637	4	11.269	1678070	20.0
Octadecanoic acid	12.592	3.5	ng	648584	5	13.904	3721030	20.0
Benzo[b]naphtho...	13.651	2.5	ng	467967	5	13.904	3721030	20.0
Triphenylphosph...	14.004	6.8	ng	1266770	5	13.904	3721030	20.0
unknown14.769	14.769	2.6	ng	133641	6	15.333	1037950	20.0
Oxirane, hexade...	14.833	5.9	ng	307956	6	15.333	1037950	20.0
Benzo[e]pyrene	15.021	12.3	ng	636172	6	15.333	1037950	20.0
1-Tetracosene	15.045	12.0	ng	624409	6	15.333	1037950	20.0
Perylene	15.210	27.5	ng	1428510	6	15.333	1037950	20.0
Heneicosane	15.798	12.6	ng	651064	6	15.333	1037950	20.0
unknown15.857	15.857	6.5	ng	338665	6	15.333	1037950	20.0
Nonadecane	16.851	3.6	ng	189275	6	15.333	1037950	20.0
.gamma.-Sitosterol	17.292	4.4	ng	228647	6	15.333	1037950	20.0
Olean-12-en-3-o...	18.309	11.9	ng	620156	6	15.333	1037950	20.0
7-Isopropenyl-1...	18.703	28.1	ng	1457530	6	15.333	1037950	20.0