LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
Data File : BF135243.D
Acq On : 14 Sep 2023 02:14
Operator : CG\JU
Sample : 04334-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 359

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-BF091123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135243.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	6	14	rVB	36885	48922	1.95%	0.182%
2	4.998	491	495	504	rVB	75707	95886	3.83%	0.357%
3	5.393	558	562	574	rBV	2512617	2502428	100.00%	9.313%
4	6.404	729	734	737	rBV	2274444	2275667	90.94%	8.469%
5	6.763	791	795	798	rBV	735978	585648	23.40%	2.179%
6	7.328	886	891	894	rBV	1588842	1456342	58.20%	5.420%
7	8.039	1008	1012	1015	rBV	918753	709616	28.36%	2.641%
8	9.122	1191	1196	1199	rBV	2698975	2372783	94.82%	8.830%
9	9.239	1211	1216	1220	rVB3	32664	35706	1.43%	0.133%
10	9.457	1249	1253	1255	rBV	31055	28498	1.14%	0.106%
11	9.657	1284	1287	1292	rVB	46257	38106	1.52%	0.142%
12	9.798	1307	1311	1314	rBV	813843	676796	27.05%	2.519%
13	9.828	1314	1316	1320	rVB	56533	45747	1.83%	0.170%
14	10.004	1340	1346	1349	rBV2	39948	42978	1.72%	0.160%
15	10.345	1401	1404	1410	rBV	58757	52124	2.08%	0.194%
16	10.586	1441	1445	1451	rBV	1225225	1126500	45.02%	4.192%
17	10.716	1463	1467	1472	rVB4	30753	36516	1.46%	0.136%
18	10.898	1492	1498	1500	rBV4	25780	35841	1.43%	0.133%
19	11.092	1528	1531	1535	rVB	49005	46988	1.88%	0.175%
20	11.186	1544	1547	1551	rVB	50905	51245	2.05%	0.191%
21	11.286	1561	1564	1566	rBV	610682	554224	22.15%	2.063%
22	11.310	1566	1568	1572	rVV	641935	534103	21.34%	1.988%
23	11.363	1572	1577	1580	rVB	80700	78585	3.14%	0.292%
24	11.522	1599	1604	1610	rBV	56113	77724	3.11%	0.289%
25	11.704	1633	1635	1639	rVB	24887	27086	1.08%	0.101%
26	11.792	1646	1650	1653	rBV2	224007	225811	9.02%	0.840%
27	11.827	1653	1656	1660	rVV2	367223	388393	15.52%	1.445%
28	11.863	1660	1662	1665	rVV2	44698	56019	2.24%	0.208%
29	11.904	1665	1669	1671	rVV	156664	158910	6.35%	0.591%
30	11.927	1671	1673	1678	rVB	81224	67939	2.71%	0.253%
31	12.022	1686	1689	1695	rVB2	799186	995886	39.80%	3.706%
32	12.092	1699	1701	1703	rVV	80240	80227	3.21%	0.299%
33	12.122	1703	1706	1709	rVB2	145505	136334	5.45%	0.507%
34	12.269	1729	1731	1734	rVB2	41569	35218	1.41%	0.131%
35	12.322	1738	1740	1742	rBV	114828	97249	3.89%	0.362%
36	12.351	1742	1745	1748	rVV	89146	107242	4.29%	0.399%

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Instrument :
BNA_F
ClientSampleId :
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.404	1752	1754	1757	rVB	109189	79575	3.18%	0.296%
38	12.433	1757	1759	1762	rBV	80656	76011	3.04%	0.283%
39	12.469	1762	1765	1767	rBV	83330	81866	3.27%	0.305%
40	12.510	1769	1772	1775	rVV	892166	738661	29.52%	2.749%
41	12.574	1778	1783	1784	rBV2	82195	78317	3.13%	0.291%
42	12.598	1784	1787	1793	rVB3	430753	487232	19.47%	1.813%
43	12.704	1801	1805	1807	rBV	524638	532771	21.29%	1.983%
44	12.739	1807	1811	1814	rVV	787295	794455	31.75%	2.957%
45	12.786	1817	1819	1823	rVB2	121506	105620	4.22%	0.393%
46	12.821	1823	1825	1828	rVB	87682	79209	3.17%	0.295%
47	12.857	1828	1831	1833	rBV2	48761	54658	2.18%	0.203%
48	12.886	1833	1836	1839	rVV	2077927	1727955	69.05%	6.431%
49	12.963	1844	1849	1852	rBV2	67309	93452	3.73%	0.348%
50	13.021	1856	1859	1861	rBV3	26558	32403	1.29%	0.121%
51	13.045	1861	1863	1865	rBV3	50731	58122	2.32%	0.216%
52	13.069	1865	1867	1870	rVB	113015	94906	3.79%	0.353%
53	13.116	1870	1875	1876	rBV3	50540	57461	2.30%	0.214%
54	13.139	1876	1879	1881	rVB	54054	49146	1.96%	0.183%
55	13.174	1881	1885	1887	rBV3	86216	97172	3.88%	0.362%
56	13.269	1898	1901	1903	rVB	67142	58569	2.34%	0.218%
57	13.298	1903	1906	1910	rBV	61246	56880	2.27%	0.212%
58	13.345	1911	1914	1918	rVB5	65490	56564	2.26%	0.211%
59	13.580	1951	1954	1959	rVB	90741	89017	3.56%	0.331%
60	13.692	1968	1973	1976	rBV	128547	148020	5.92%	0.551%
61	13.721	1976	1978	1980	rVV	72201	60405	2.41%	0.225%
62	13.745	1980	1982	1984	rVV	58749	54150	2.16%	0.202%
63	13.792	1988	1990	1992	rVV	93898	82269	3.29%	0.306%
64	13.821	1992	1995	2000	rVB4	66438	107590	4.30%	0.400%
65	13.945	2008	2016	2019	rBV2	835022	1268423	50.69%	4.720%
66	13.968	2019	2020	2023	rVB	384738	291218	11.64%	1.084%
67	14.051	2032	2034	2036	rVB	62214	43950	1.76%	0.164%
68	14.210	2058	2061	2063	rBV2	25713	26894	1.07%	0.100%
69	14.333	2080	2082	2086	rVB	75719	69640	2.78%	0.259%
70	14.368	2086	2088	2092	rBV2	59175	86301	3.45%	0.321%
71	14.457	2101	2103	2106	rBV2	107254	116448	4.65%	0.433%
72	14.527	2110	2115	2117	rBV4	98632	165741	6.62%	0.617%
73	14.586	2121	2125	2129	rBV	389933	410191	16.39%	1.527%
74	14.627	2130	2132	2134	rBV	51024	48267	1.93%	0.180%
75	14.680	2139	2141	2143	rBV	54191	42568	1.70%	0.158%
76	14.715	2144	2147	2148	rBV	70237	66980	2.68%	0.249%

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Instrument :
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ClientSampleId :
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.768	2153	2156	2158	rBV2	69932	67137	2.68%	0.250%
78	14.821	2163	2165	2169	rVB3	54290	59760	2.39%	0.222%
79	14.986	2189	2193	2196	rBV	310969	420328	16.80%	1.564%
80	15.068	2204	2207	2209	rBV2	50664	50355	2.01%	0.187%
81	15.286	2240	2244	2250	rVB	206275	252075	10.07%	0.938%
82	15.351	2250	2255	2260	rVV	230229	283697	11.34%	1.056%
83	15.410	2261	2265	2269	rVV	400256	533218	21.31%	1.984%
84	15.445	2269	2271	2278	rVB3	79801	114389	4.57%	0.426%
85	15.892	2343	2347	2351	rBV	67180	88889	3.55%	0.331%
86	16.698	2479	2484	2494	rBV6	60962	127570	5.10%	0.475%
87	16.886	2510	2516	2522	rVB2	80295	161507	6.45%	0.601%
88	17.327	2585	2591	2602	rBV	73141	157620	6.30%	0.587%

Sum of corrected areas: 26870909

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Instrument :
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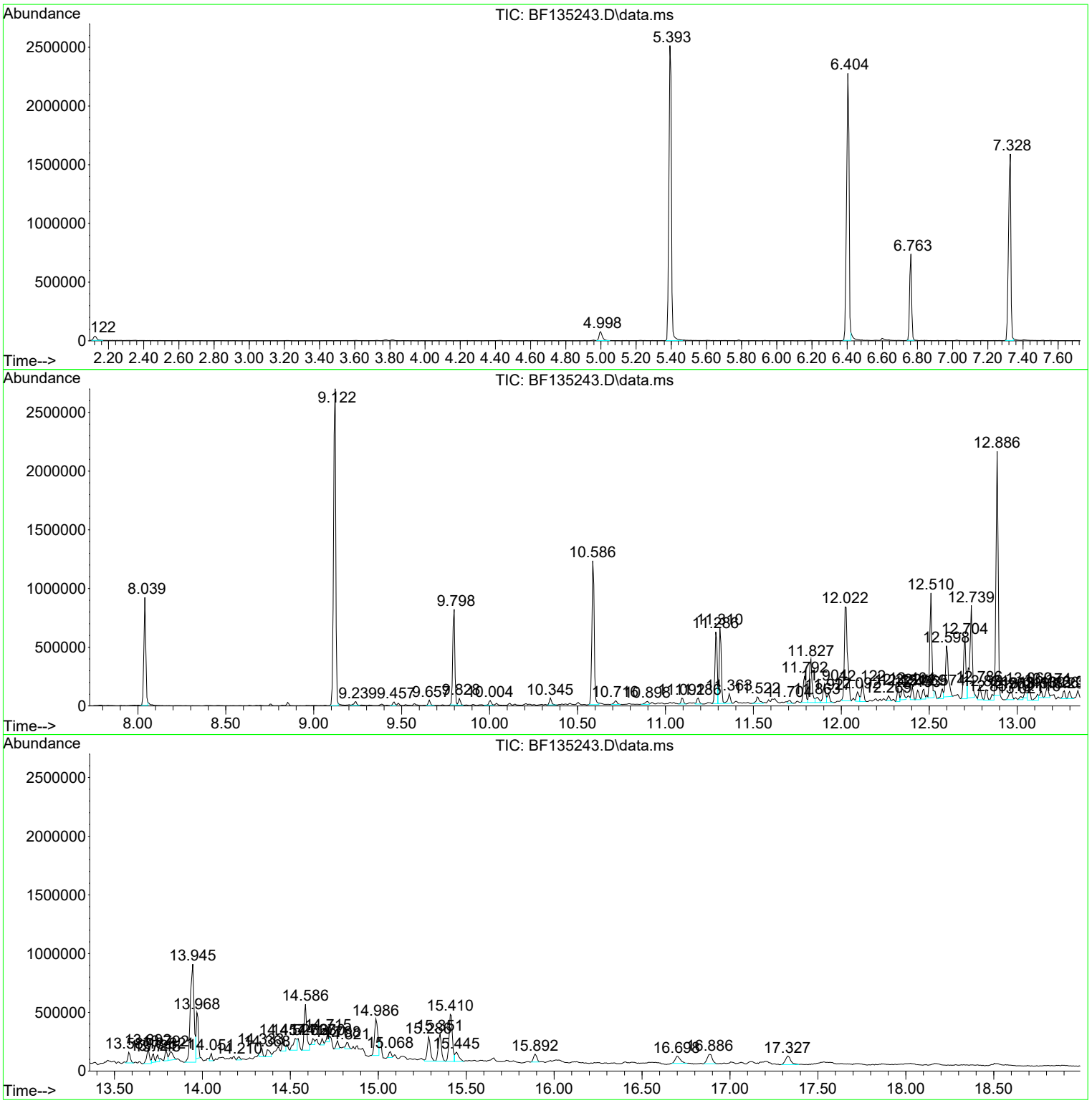
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
Data File : BF135243.D
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Operator : CG\JU
Sample : 04334-02
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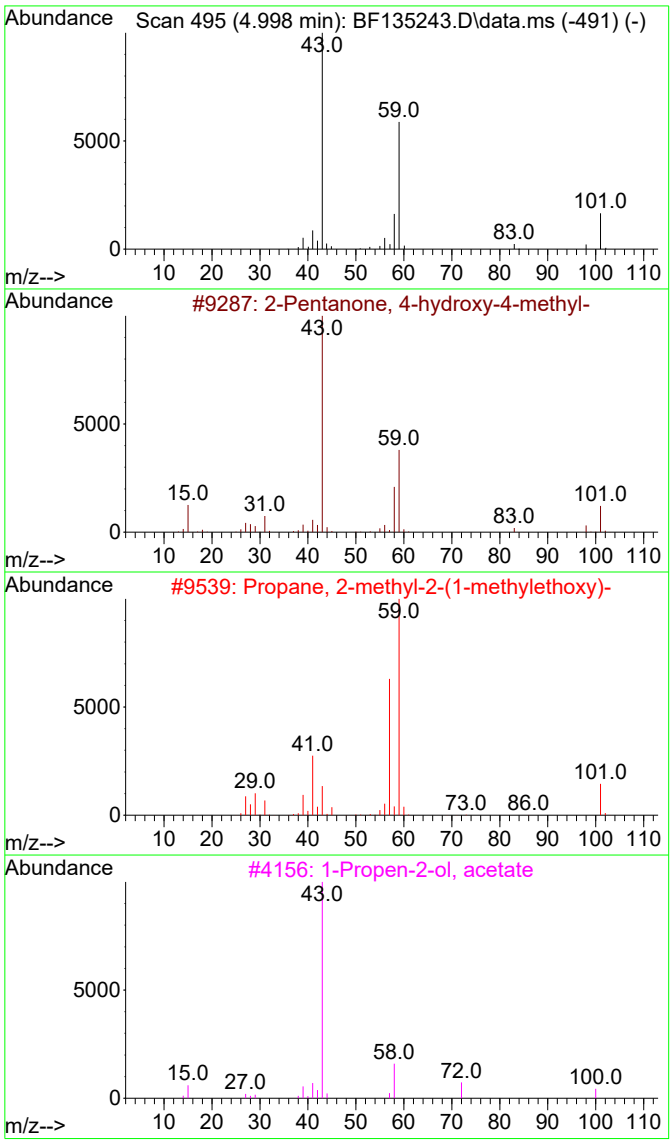
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

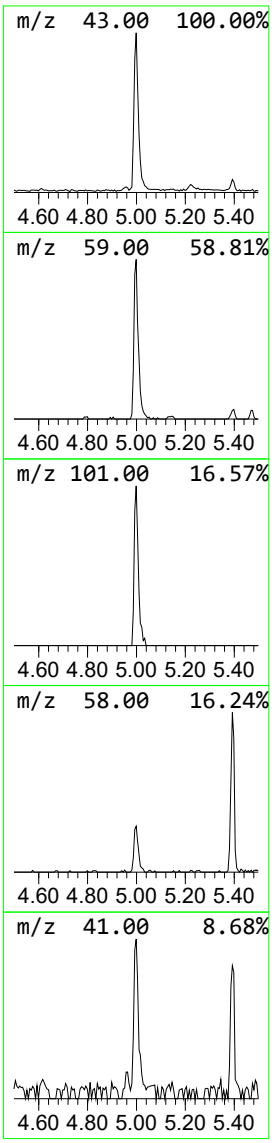
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.998	3.27 ng	95886	1,4-Dichlorobenzene-d4	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	Butane	58	C4H10	000106-97-8	9
5	Oxirane-2-carboxylic acid, methy...	102	C4H6O3	004538-50-5	9





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Sample : 04334-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

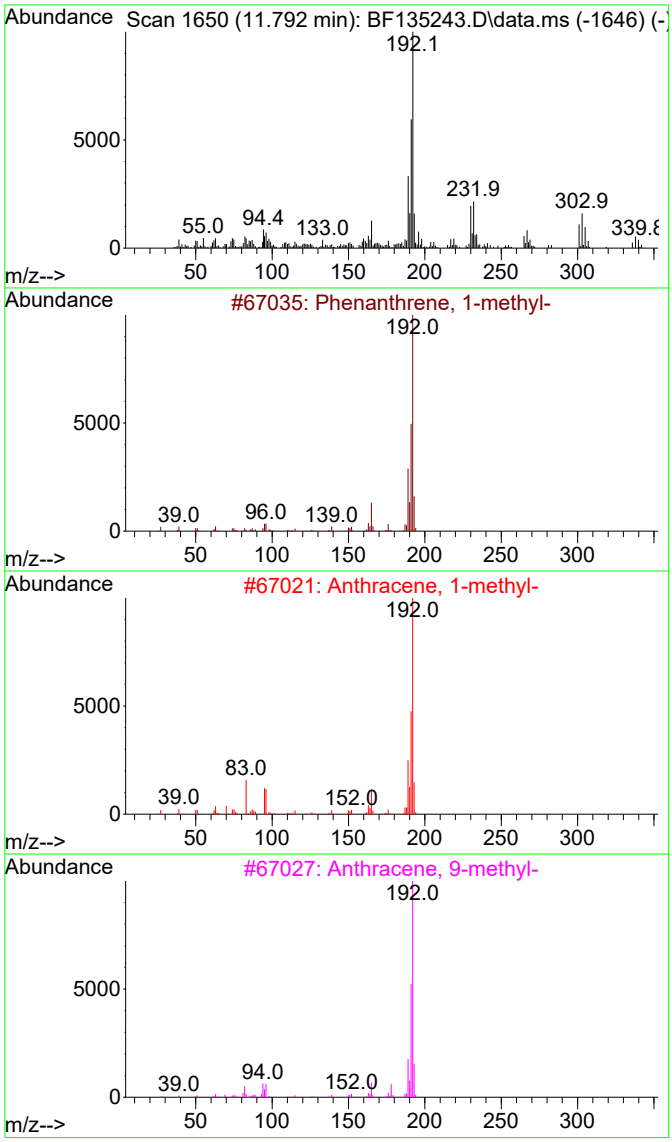
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

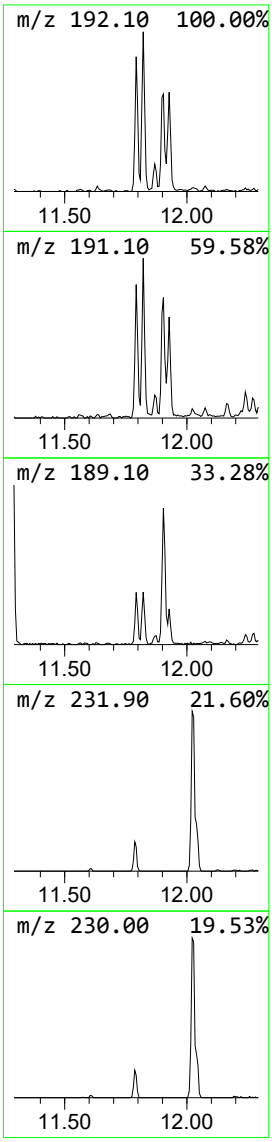
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.792	8.15 ng	225811	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	70





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BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

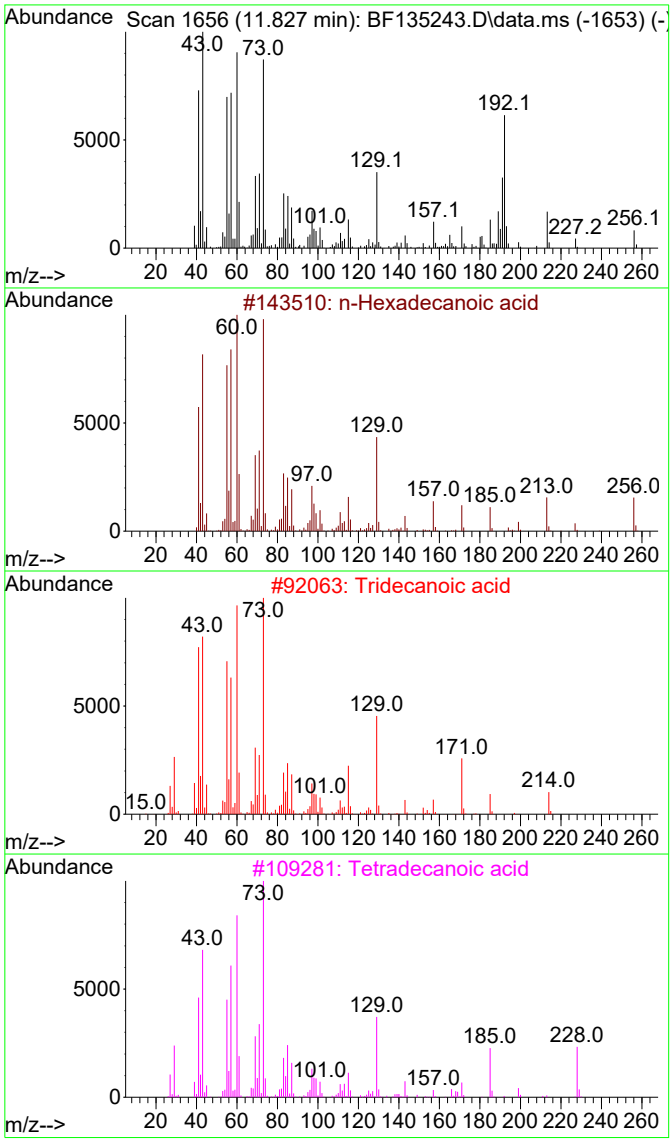
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

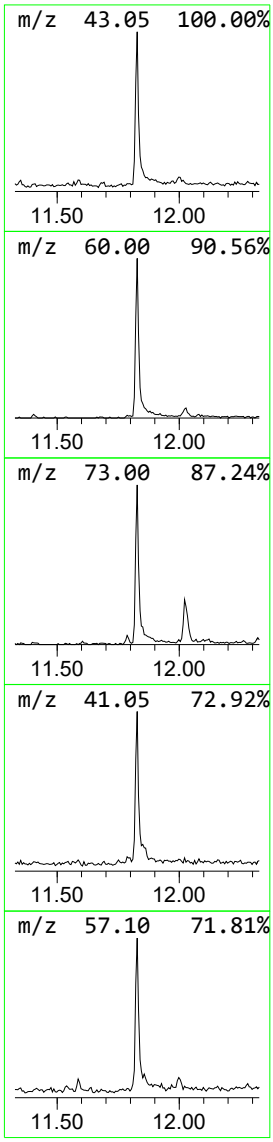
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.827	14.02 ng	388393	Phenanthrene-d10	11.286

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	78
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	60
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	60
5	Dodecanoic acid	200	C12H24O2	000143-07-7	60





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

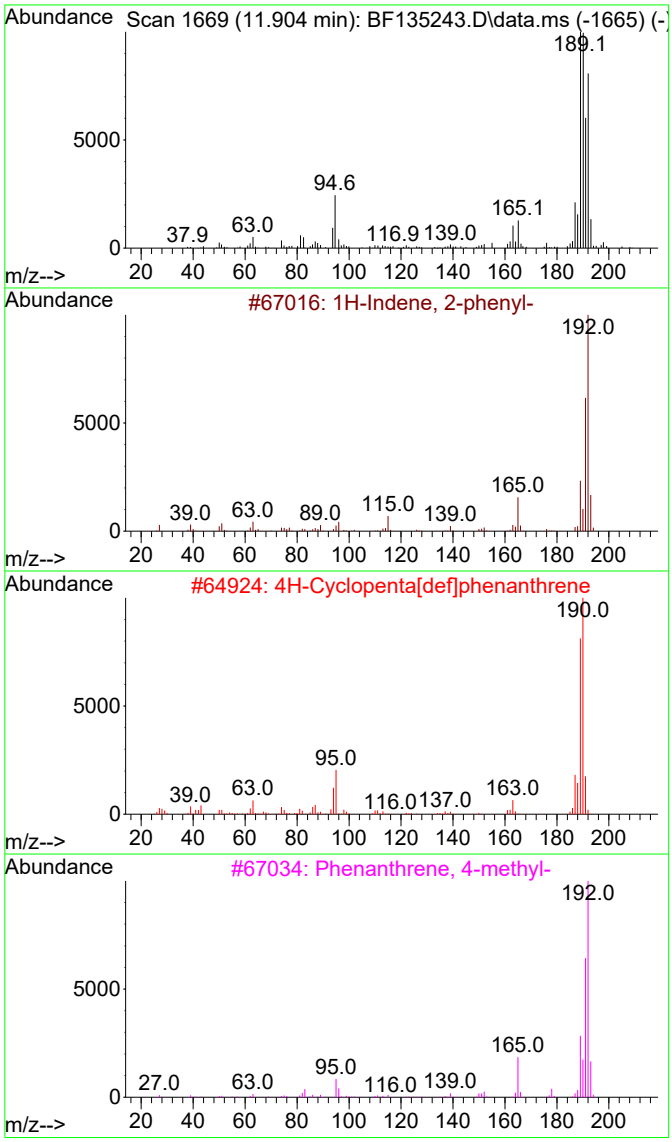
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

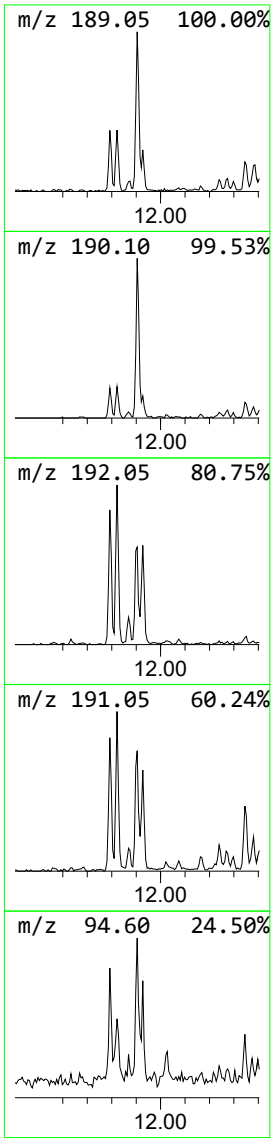
****

Peak Number 4 1H-Indene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	5.73 ng	158910	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38





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ALS Vial : 22 Sample Multiplier: 1

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BNA_F
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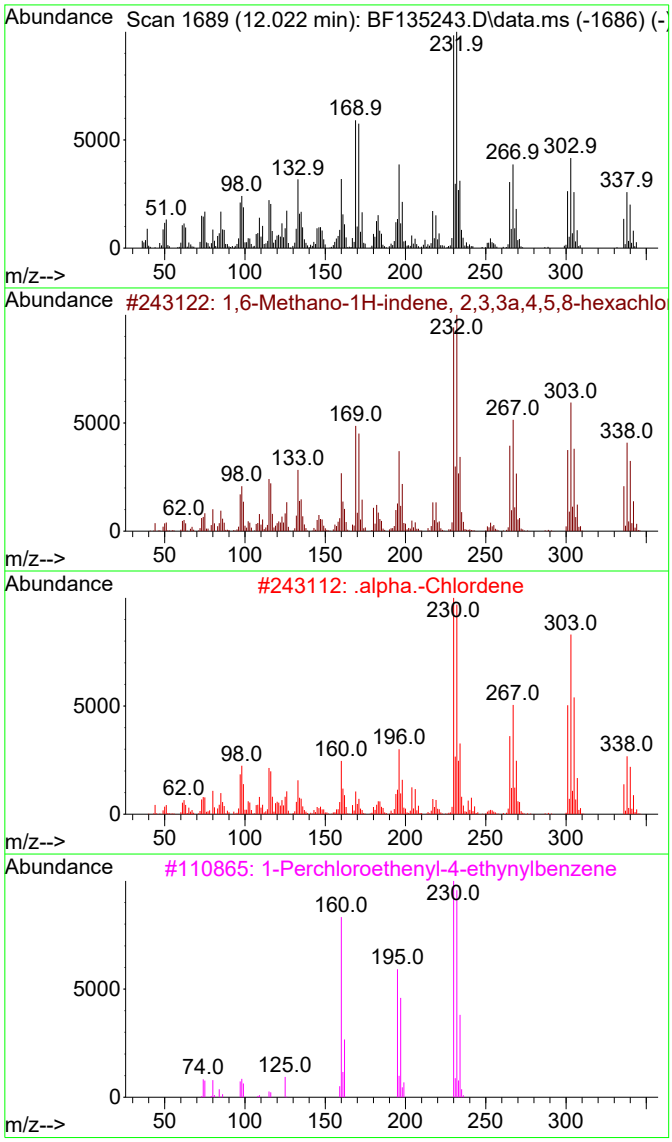
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

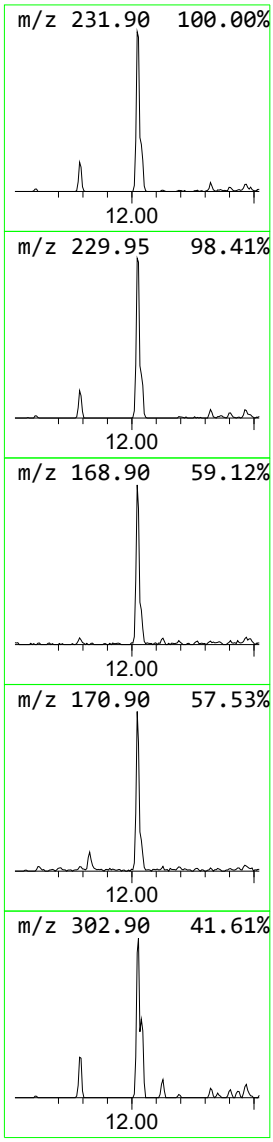
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,6-Methano-1H-indene, 2,3,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	35.94 ng	995886	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Methano-1H-indene, 2,3,3a,4,...	336	C10H6Cl6	056641-38-4	99
2	.alpha.-Chlordene	336	C10H6Cl6	056534-02-2	91
3	1-Perchloroethenyl-4-ethynylbenzene	230	C10H5Cl3	1000283-76-9	81
4	Naphthalene, 1,3,7-trichloro-	230	C10H5Cl3	055720-37-1	49
5	Naphthalene, 2,3,6-trichloro-	230	C10H5Cl3	055720-40-6	42





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

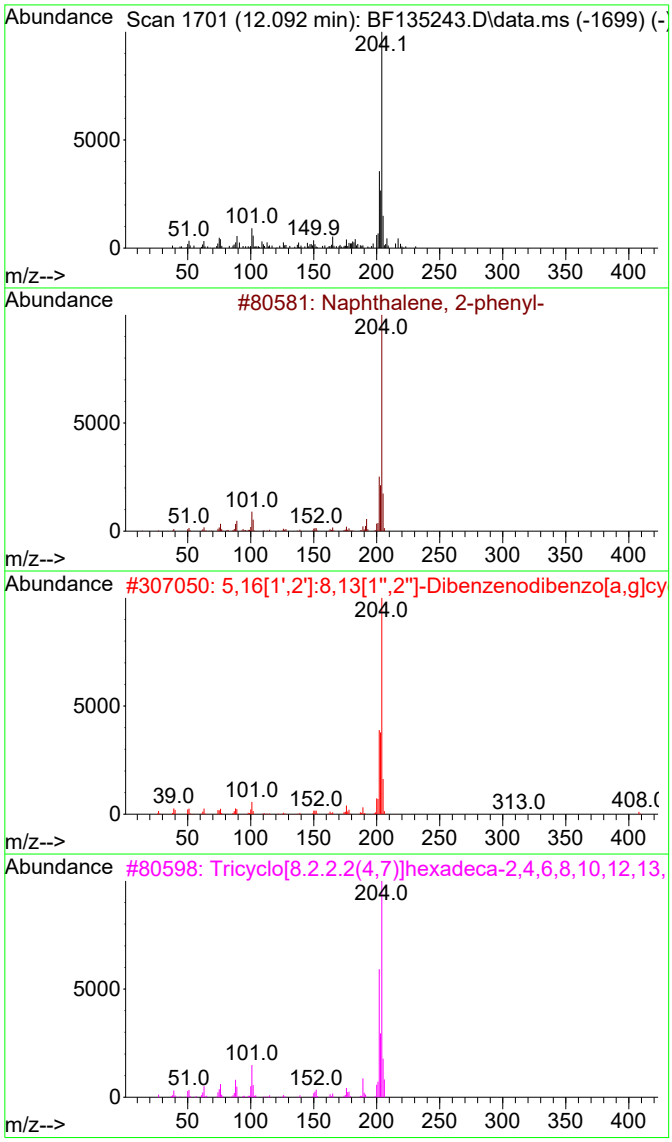
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

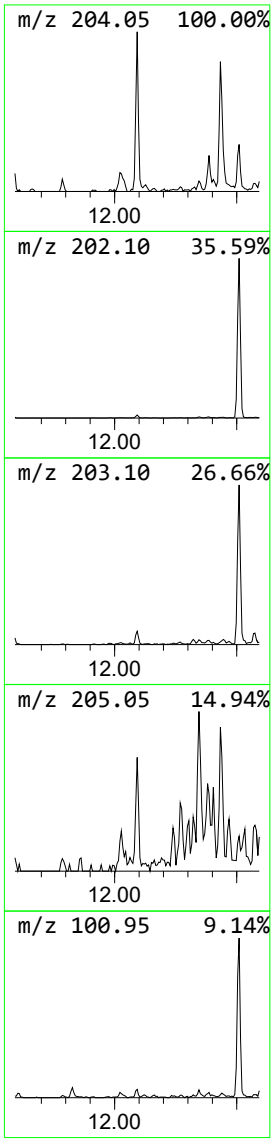
****

Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	2.90 ng	80227	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	53
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53





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Data File : BF135243.D
Acq On : 14 Sep 2023 02:14
Operator : CG\JU
Sample : 04334-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
359

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

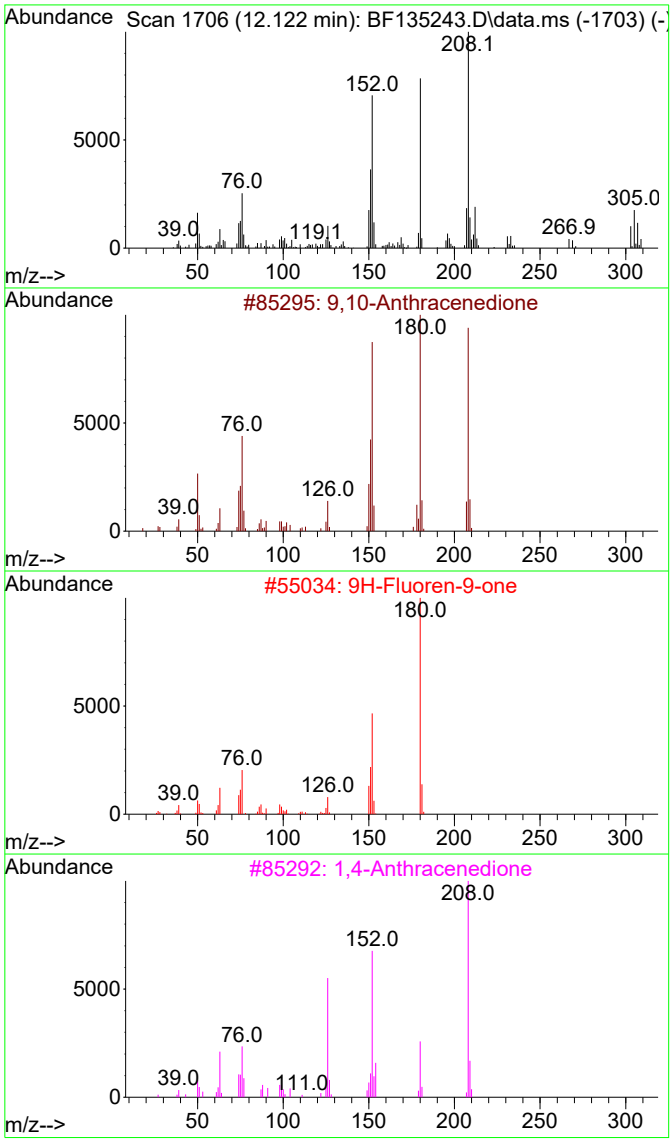
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

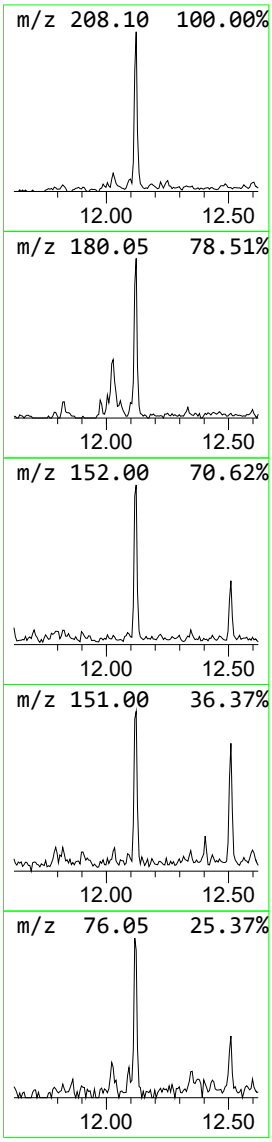
****

Peak Number 7 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.121	4.92 ng	136334	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	55
3	1,4-Anthracenedione	208	C14H8O2	000635-12-1	55
4	2-(Dicyanomethylene)indene-1,3-d...	208	C12H4N2O2	016954-74-8	55
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50





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Sample : 04334-02
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

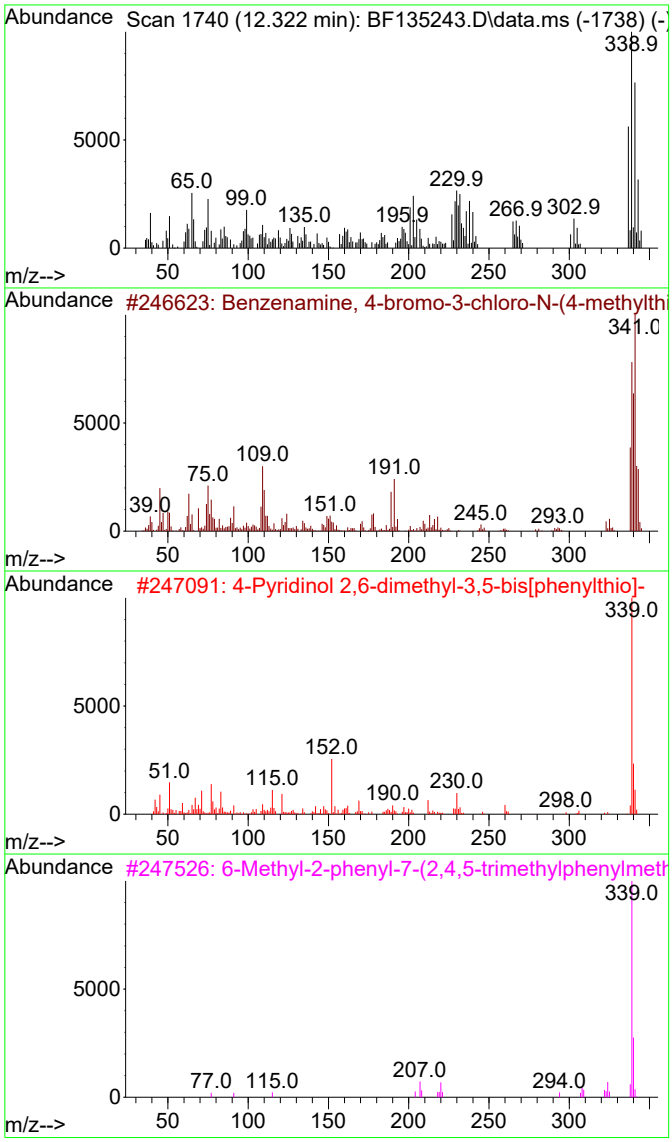
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

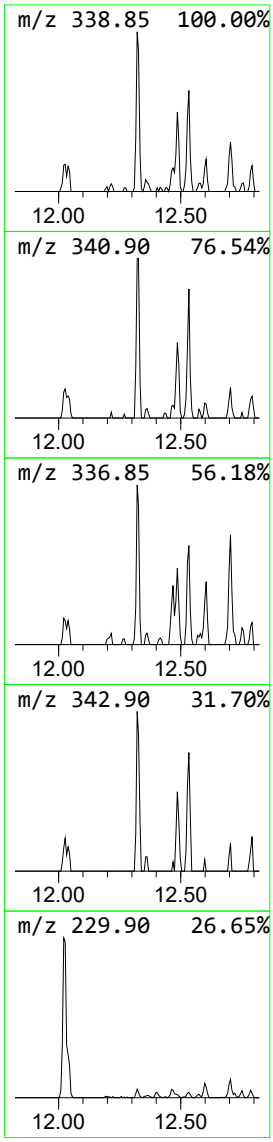
****

Peak Number 8 unknown12.322 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.322	3.51 ng	97249	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4-bromo-3-chloro-N-...	339	C14H11BrClNS	314283-74-4	16
2	4-Pyridinol 2,6-dimethyl-3,5-bis...	339	C19H17NOS2	1000252-21-8	14
3	6-Methyl-2-phenyl-7-(2,4,5-trime...	339	C25H25N	064002-76-2	11
4	3-(6-Methyl-3-pyridyl)-1,5-di(p-...	341	C23H23N3	010040-66-1	11
5	2-(Pyridyl)-4,6-bis(4-aminopheny...	339	C21H17N5	1000078-62-7	10





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Sample : 04334-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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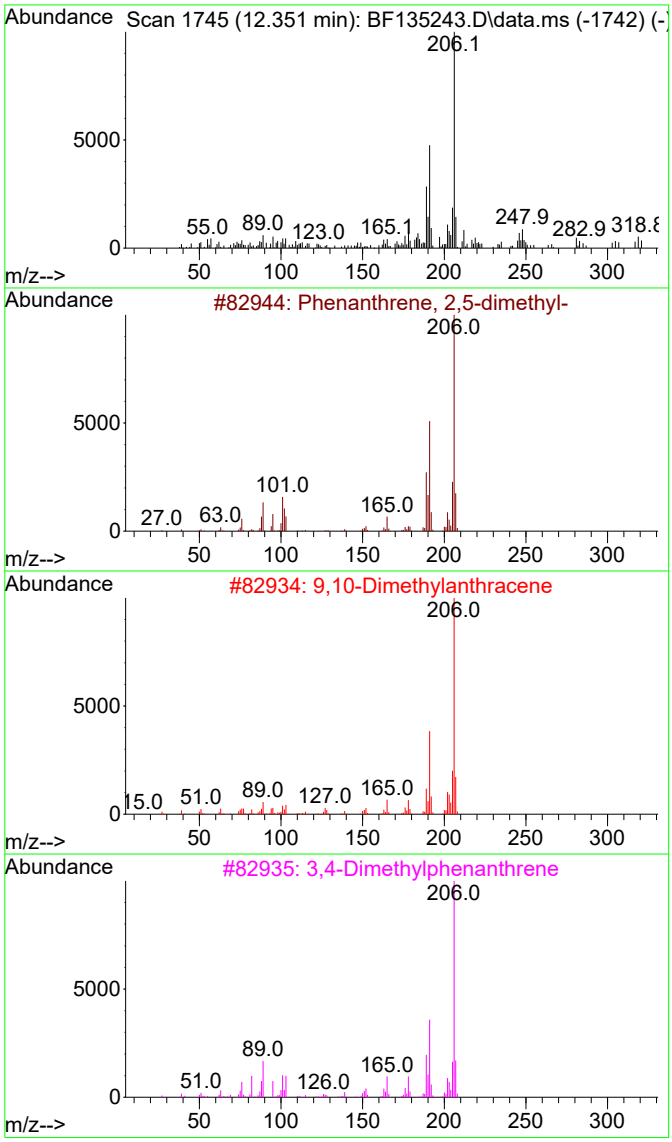
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

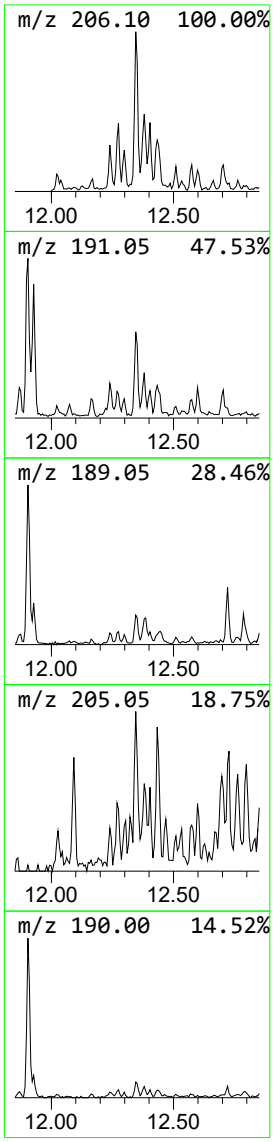
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.351	3.87 ng	107242	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	81
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	74
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70





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Operator : CG\JU
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

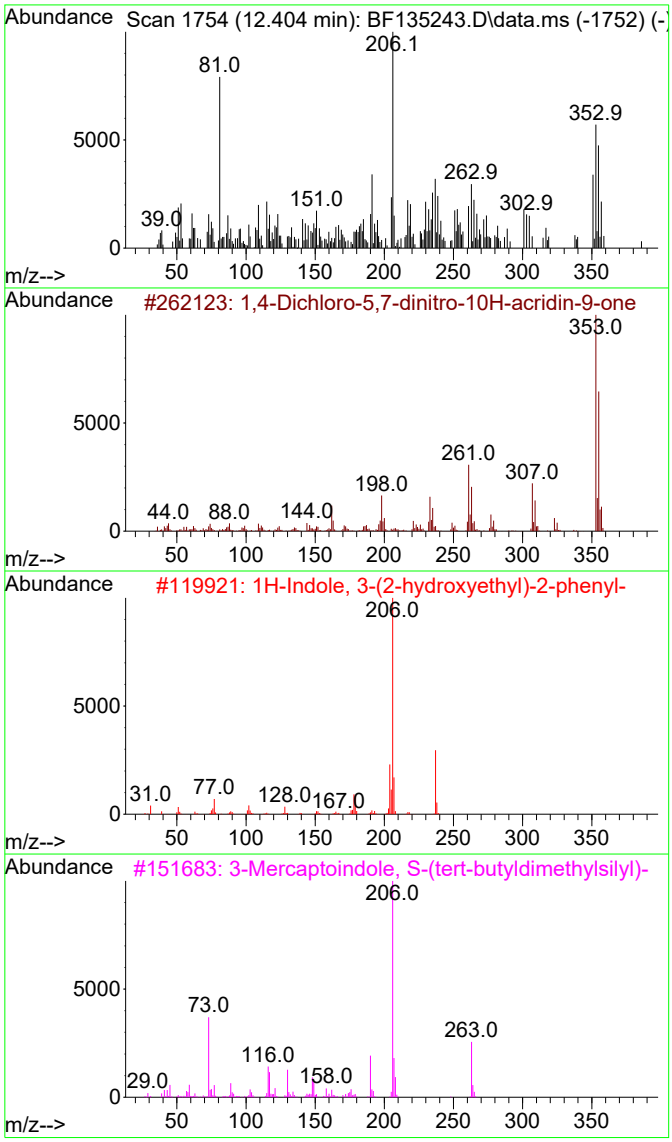
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

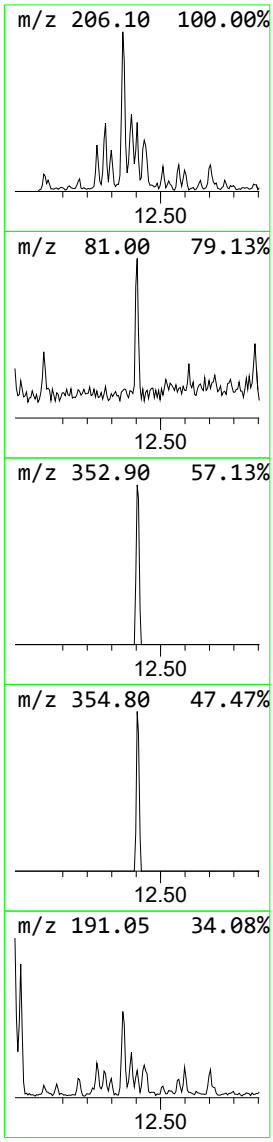
****

Peak Number 10 unknown12.404 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.404	2.87 ng	79575	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dichloro-5,7-dinitro-10H-acr...	353	C13H5Cl2N3O5	148877-13-8	38
2	1H-Indole, 3-(2-hydroxyethyl)-2-...	237	C16H15NO	057642-28-1	35
3	3-Mercaptoindole, S-(tert-butyld...	263	C14H21NSSi	1000463-28-6	30
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	25
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	25





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ALS Vial : 22 Sample Multiplier: 1

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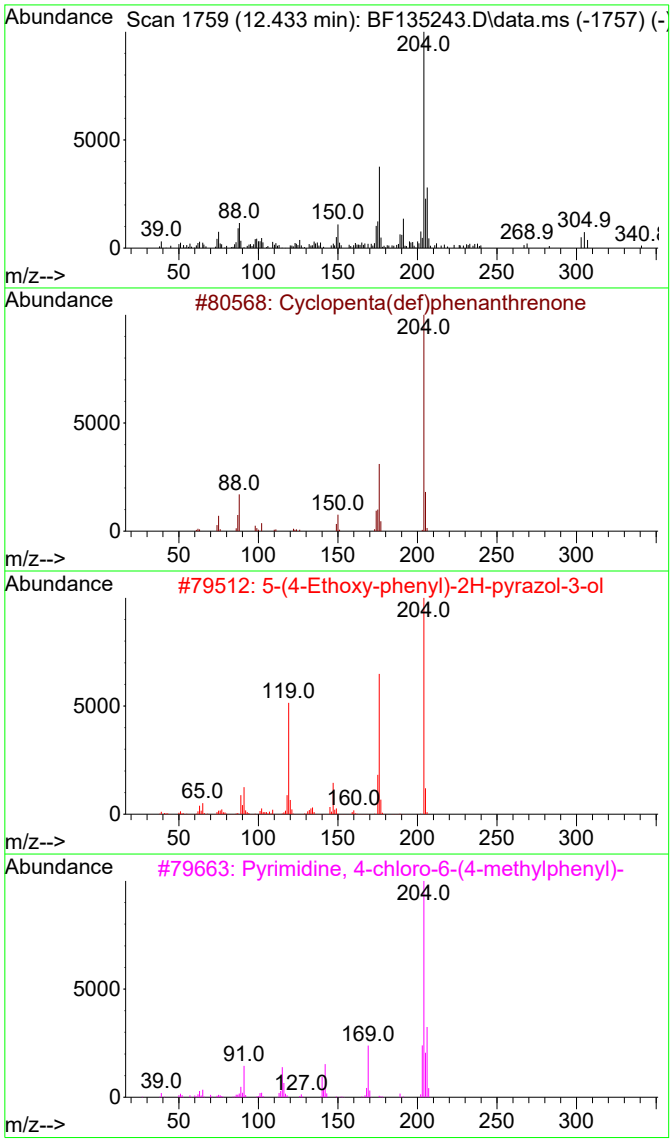
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

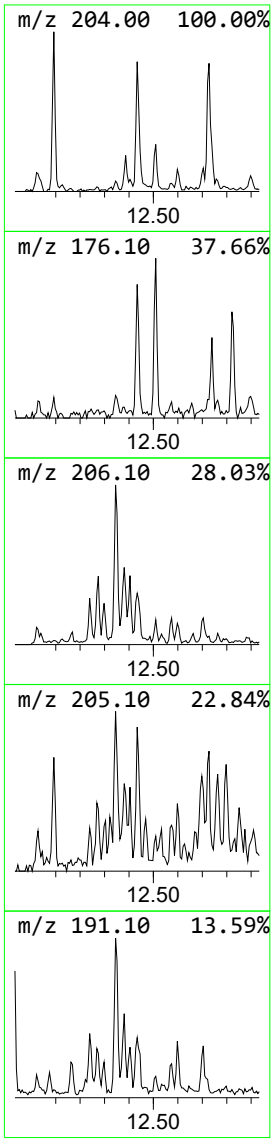
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.433	2.74 ng	76011	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
2	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	52
3	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	50
4	3-Chloro-[1,1'-biphenyl]-2-yl ac...	246	C14H11ClO2	007460-70-0	50
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	49





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Sample : 04334-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

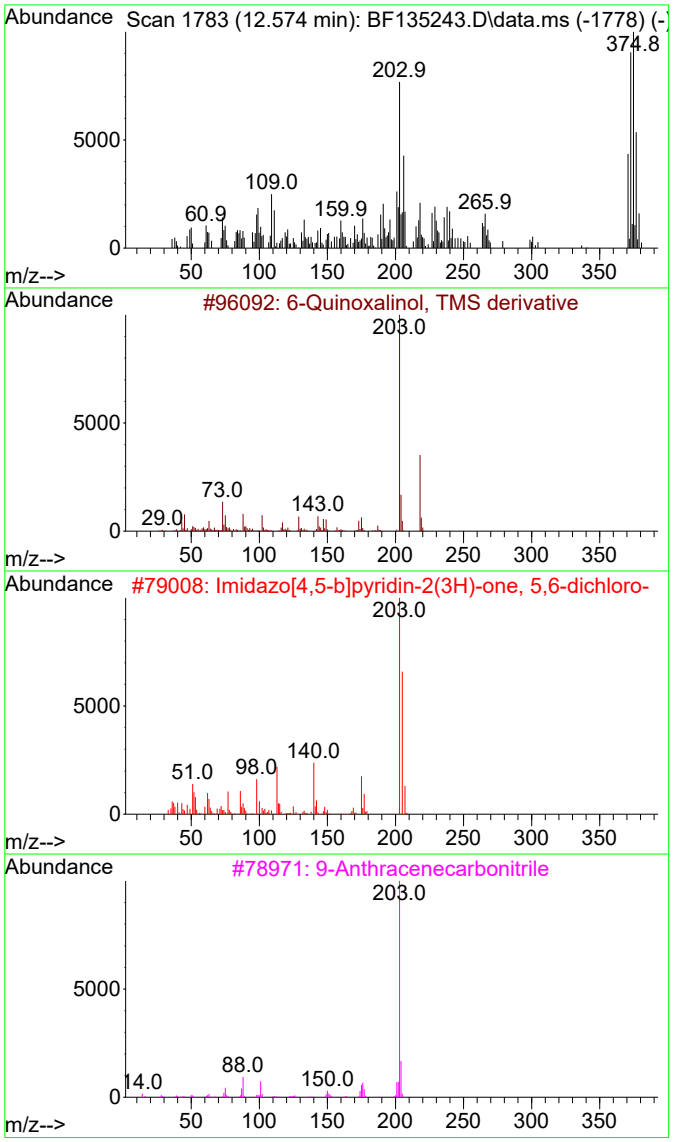
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

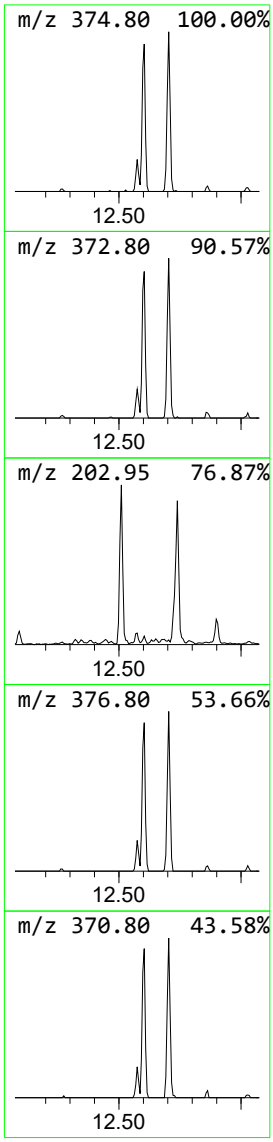
****

Peak Number 12 unknown12.575 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.575	2.83 ng	78317	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Quinoxalinol, TMS derivative	218	C11H14N2OSi	1000474-34-3	25
2	Imidazo[4,5-b]pyridin-2(3H)-one,...	203	C6H3Cl2N3O	1000269-62-7	25
3	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	15
4	9,11-Dimethyltetracyclo[7.3.1.0(...	218	C16H26	053263-99-3	15
5	1-(2-Methoxyphenyl)-2,5-dihydro-...	203	C11H9NO3	017392-68-6	15





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ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

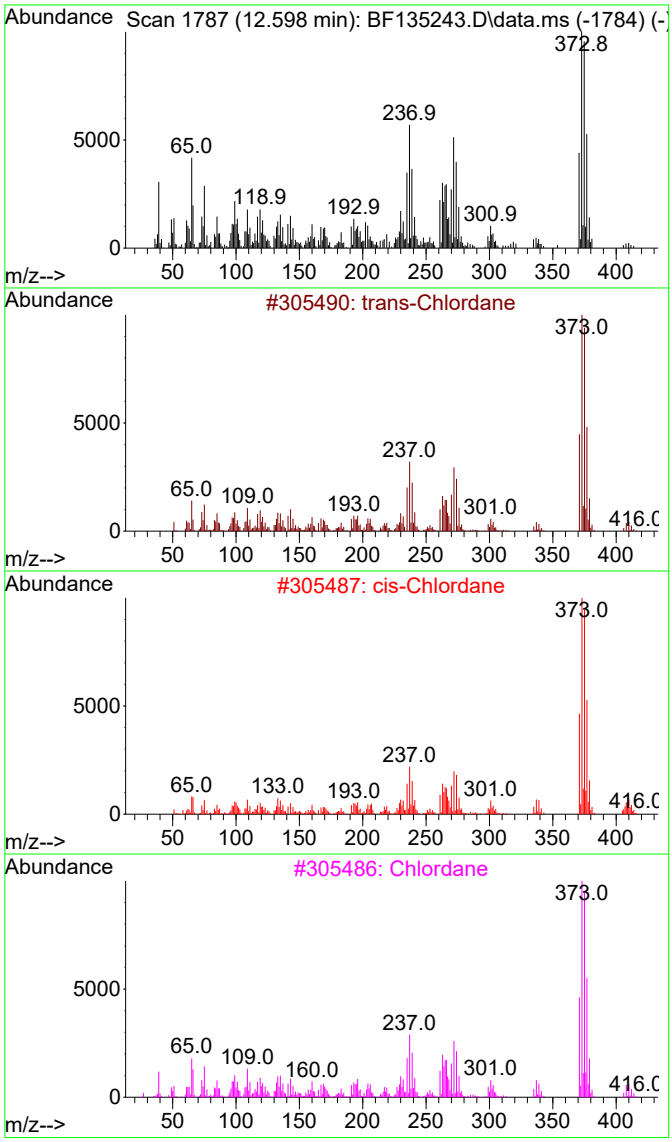
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

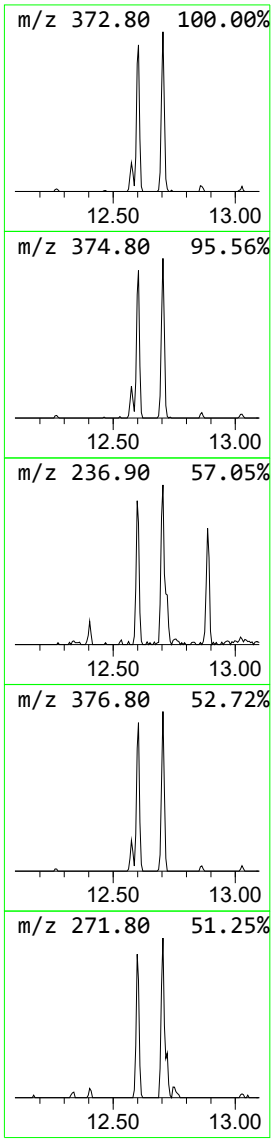
****

Peak Number 13 trans-Chlordane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.598	17.58 ng	487232	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Chlordane	406	C10H6Cl8	005103-74-2	97
2	cis-Chlordane	406	C10H6Cl8	005103-71-9	97
3	Chlordane	406	C10H6Cl8	000057-74-9	97
4	4,7-Methanoindene, 1,2,3,5,6,7,8...	406	C10H6Cl8	1000017-10-9	42
5	Cyclohexene, 4,5-dibromo-1-(1,2-...	450	C10H14Br4	070168-60-4	25





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ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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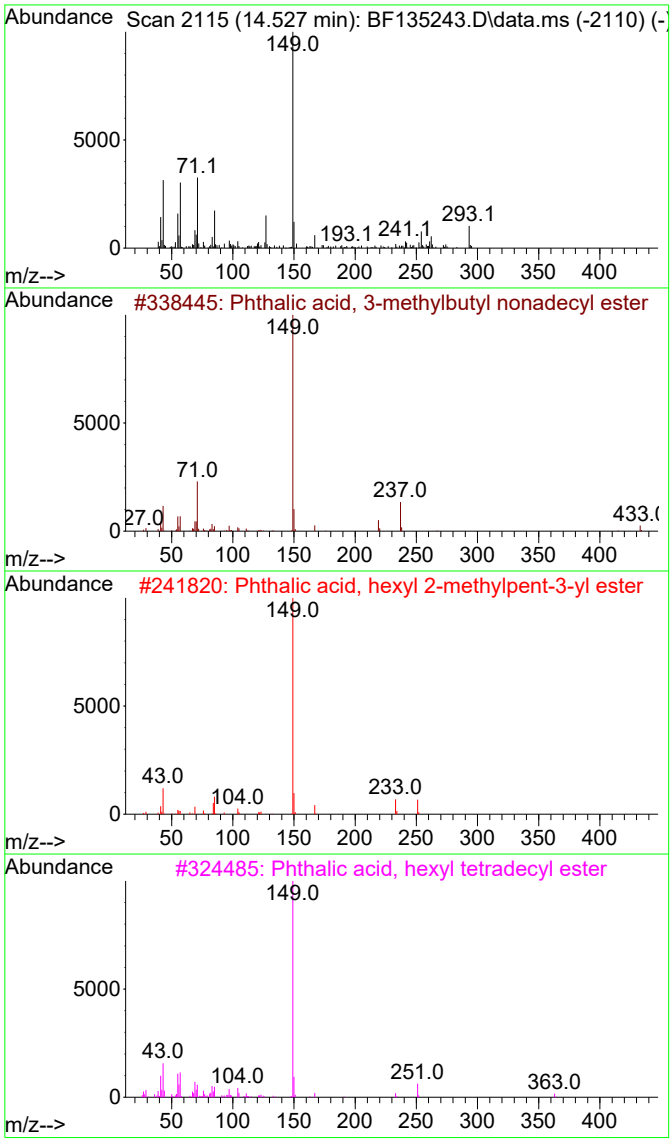
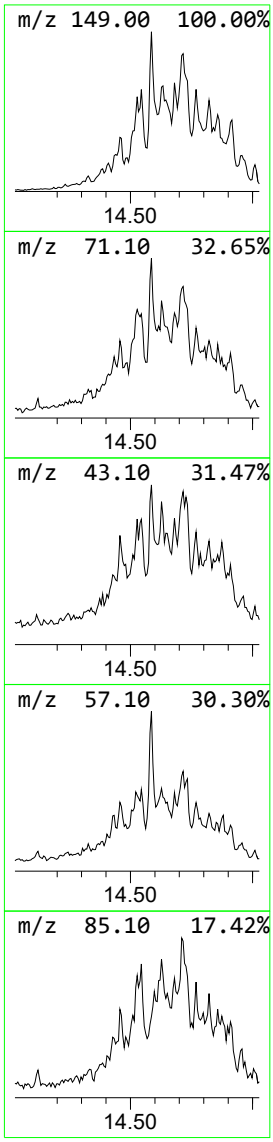
****
Peak Number 14 Phthalic acid, 3-methylbuty... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.527	2.61 ng	165741	Chrysene-d12	13.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 3-methylbutyl non...	502	C32H54O4	1010356-82-0	53
2	Phthalic acid, hexyl 2-methylpen...	334	C20H30O4	1010356-91-1	50
3	Phthalic acid, hexyl tetradecyl ...	446	C28H46O4	1000308-91-4	50
4	Phthalic acid, cis-hex-3-enyl is...	332	C20H28O4	1000360-36-7	50
5	Phthalic acid, 3-methylbut-3-eny...	276	C16H20O4	1000357-10-0	49





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TIC Library : C:\Database\NIST20.L
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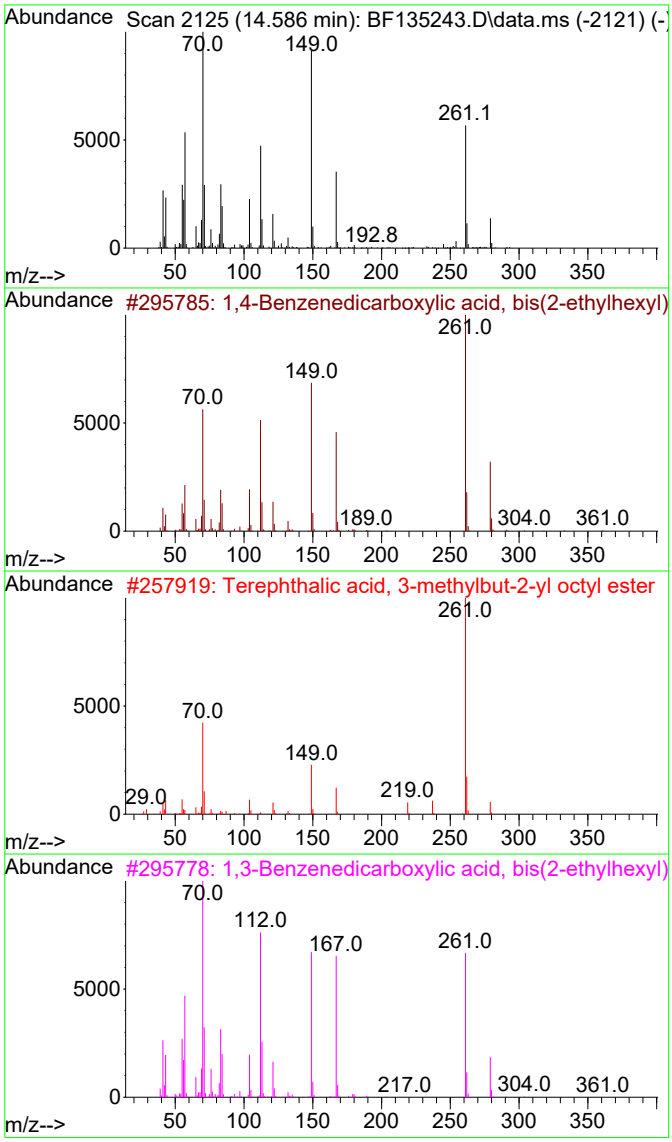
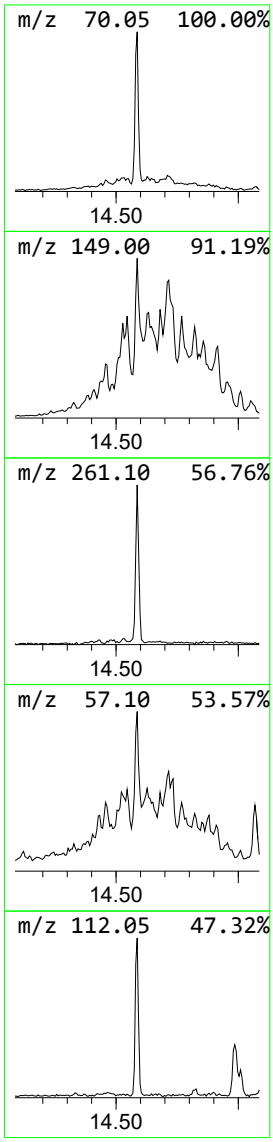
****
Peak Number 15 1,4-Benzenedicarboxylic aci... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.586	6.47 ng	410191	Chrysene-d12	13.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	76
2	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	46
3	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	43
4	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	38
5	Phthalic acid, monodecyl ester	306	C18H26O4	024539-60-4	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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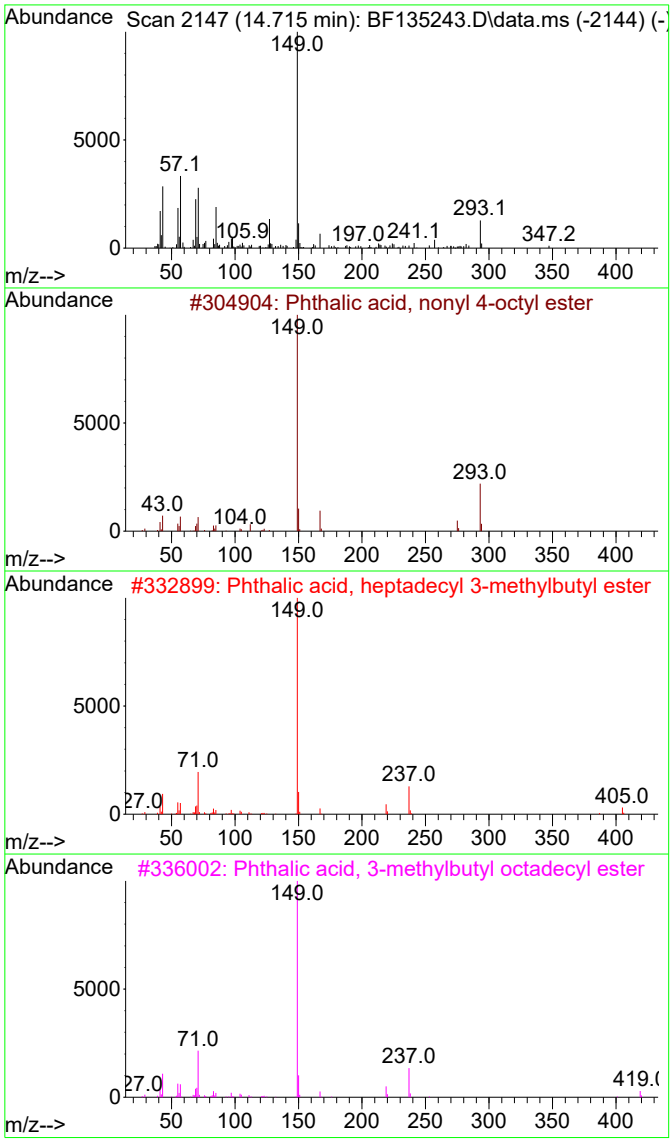
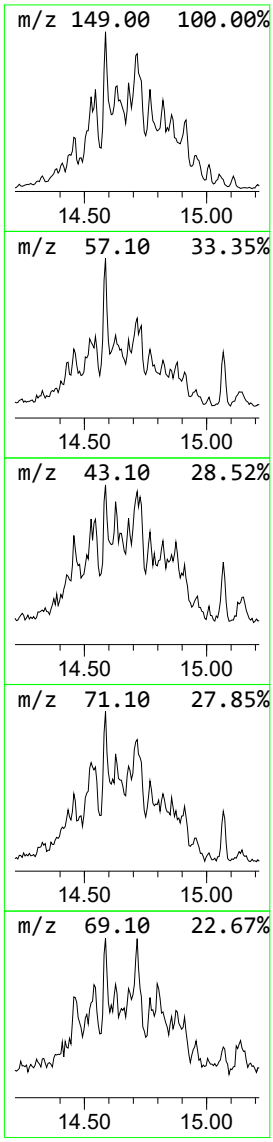
****
Peak Number 16 Phthalic acid, nonyl 4-octy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.716	2.51 ng	66980	Perylene-d12	15.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, nonyl 4-octyl ester	404	C25H40O4	1000314-84-2	72
2	Phthalic acid, heptadecyl 3-meth...	474	C30H50O4	1000356-81-8	59
3	Phthalic acid, 3-methylbutyl oct...	488	C31H52O4	1010356-81-9	59
4	Phthalic acid, 3-methylbutyl non...	502	C32H54O4	1010356-82-0	59
5	Phthalic acid, nonyl 2-propylpen...	404	C25H40O4	1000377-92-5	53





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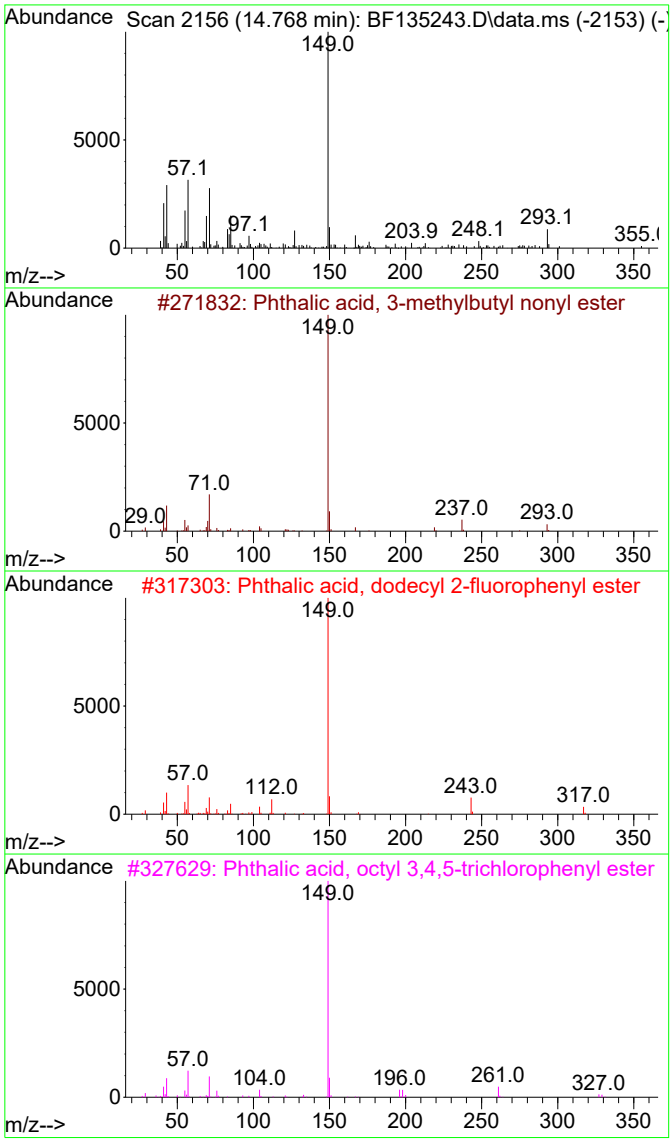
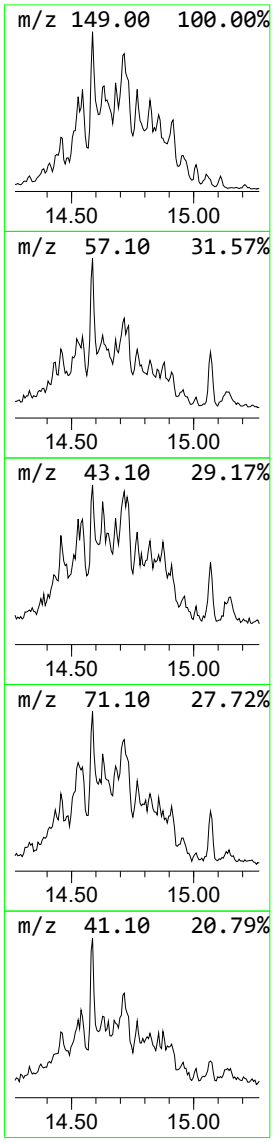
****
Peak Number 17 Phthalic acid, 3-methylbuty... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.768	2.52 ng	67137	Perylene-d12	15.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 3-methylbutyl non...	362	C22H34O4	1000356-81-0	72
2	Phthalic acid, dodecyl 2-fluorop...	428	C26H33FO4	1000356-15-1	72
3	Phthalic acid, octyl 3,4,5-trich...	456	C22H23Cl3O4	1000357-07-1	64
4	1,2-Benzenedicarboxylic acid, di...	474	C30H50O4	003648-20-2	64
5	Phthalic acid, 2-ethylhexyl 4-ni...	399	C22H25NO6	1000315-52-1	64





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Data File : BF135243.D
Acq On : 14 Sep 2023 02:14
Operator : CG\JU
Sample : 04334-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
359

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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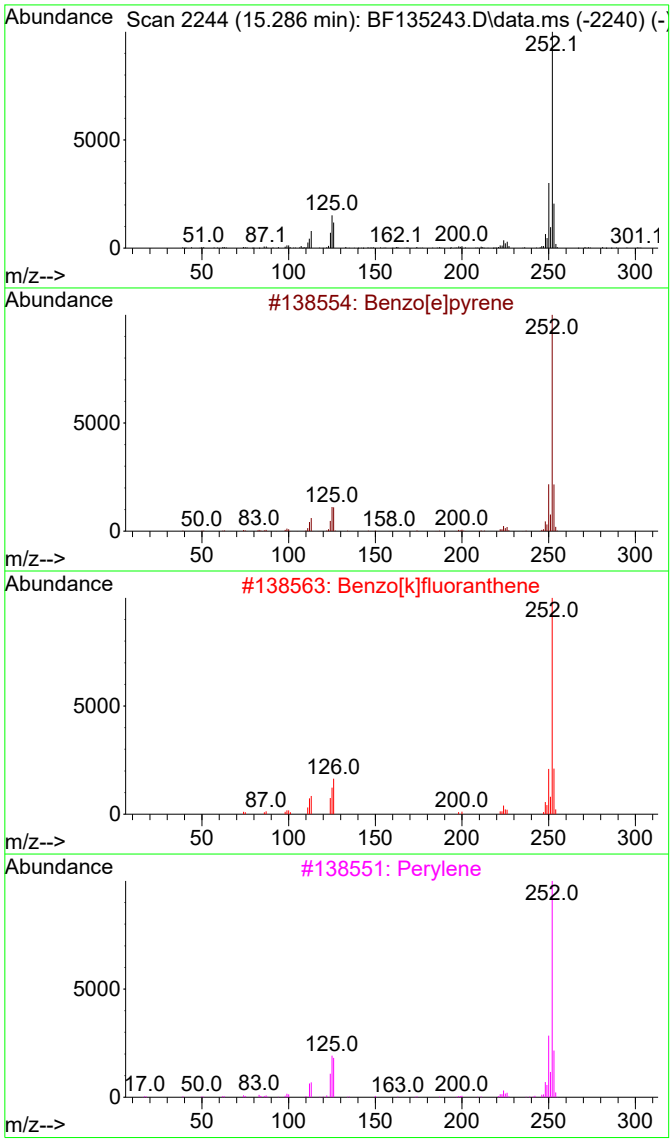
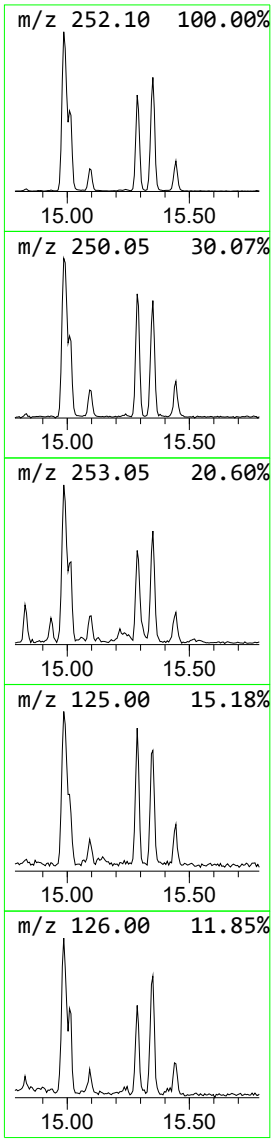
Peak Number 18 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.286	9.45 ng	252075	Perylene-d12	15.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	97
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





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Data File : BF135243.D
Acq On : 14 Sep 2023 02:14
Operator : CG\JU
Sample : 04334-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
359

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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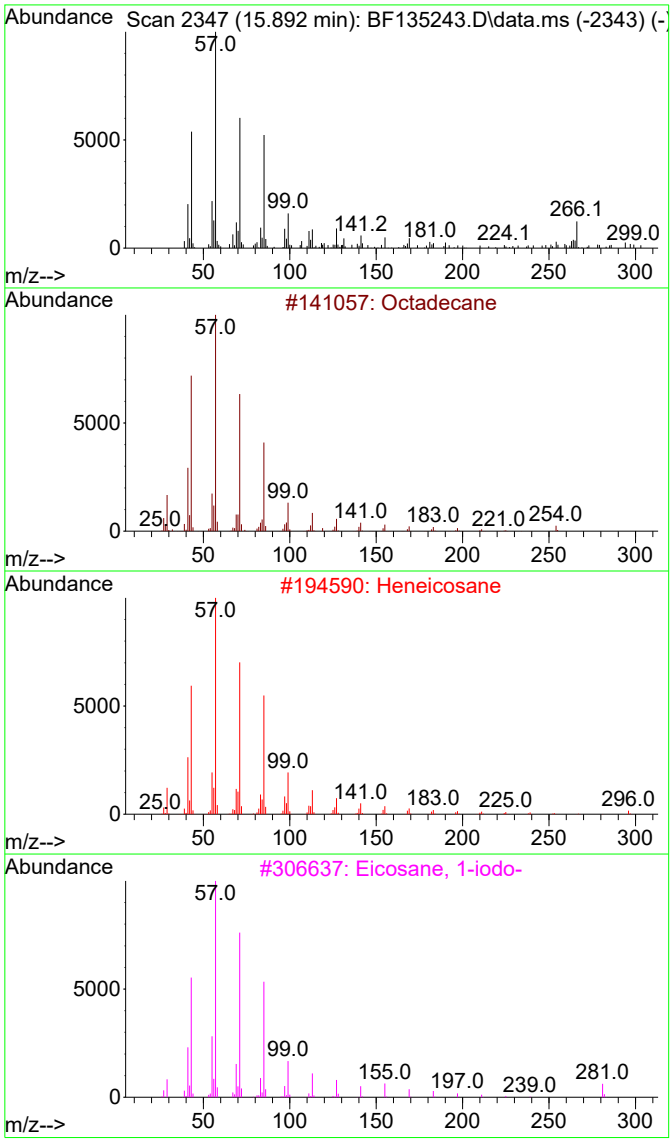
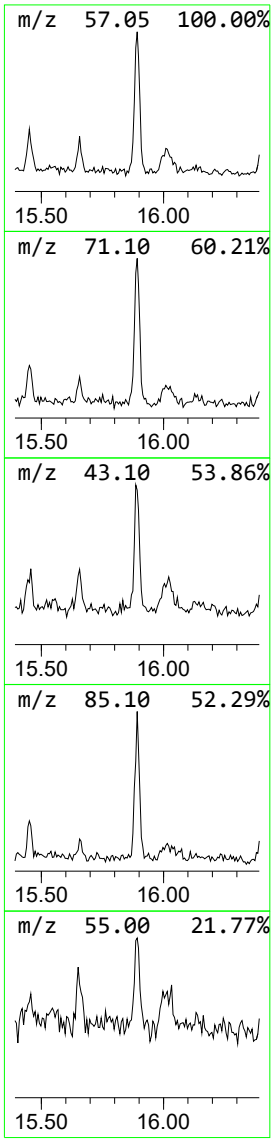
Peak Number 19 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.892	3.33 ng	88889	Perylene-d12	15.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Heneicosane	296	C21H44	000629-94-7	81
3	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	81
4	Docosane	310	C22H46	000629-97-0	74
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
Data File : BF135243.D
Acq On : 14 Sep 2023 02:14
Operator : CG\JU
Sample : 04334-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
359

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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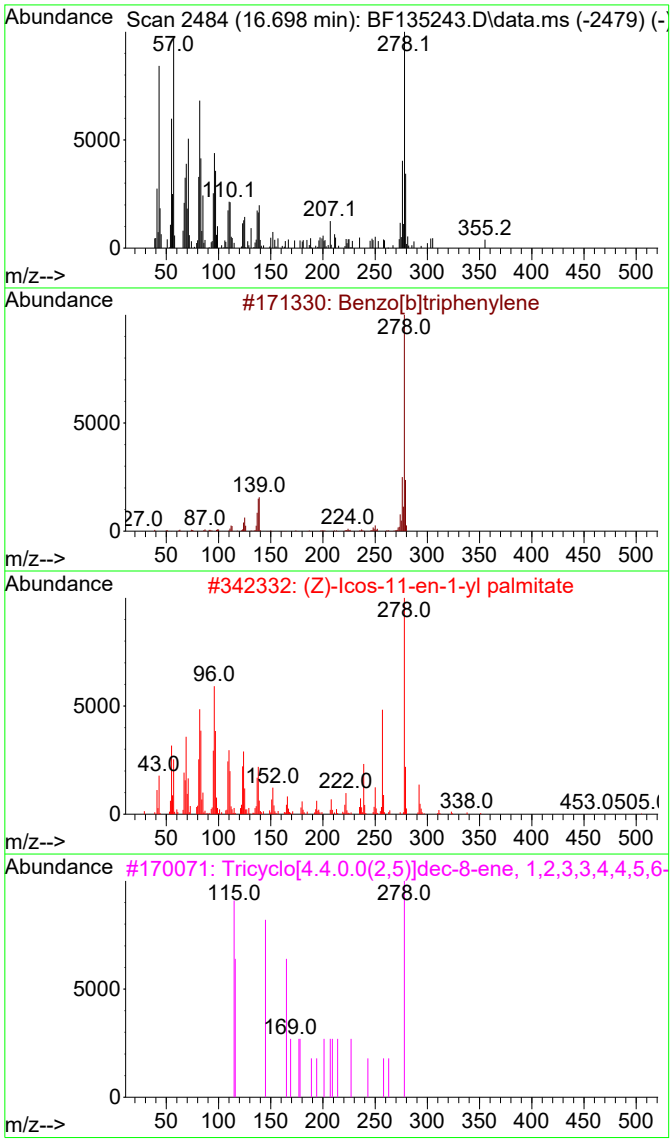
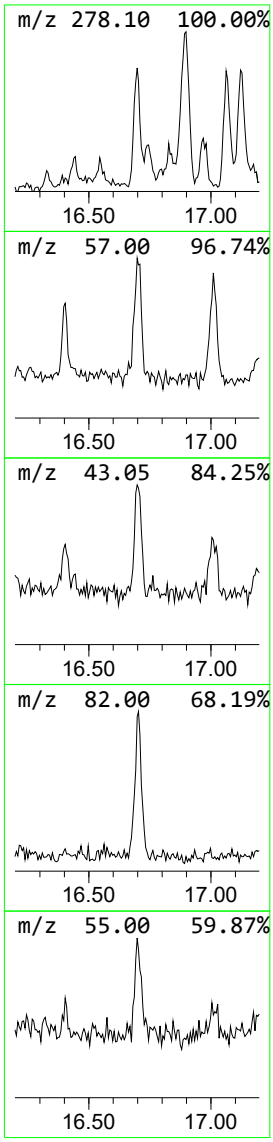
Peak Number 20 Benzo[b]triphenylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.698	4.78 ng	127570	Perylene-d12	15.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	62
2	(Z)-Icos-11-en-1-yl palmitate	535	C36H70O2	174305-42-1	50
3	Tricyclo[4.4.0.0(2,5)]dec-8-ene,...	278	C10H6F8	077549-74-7	38
4	Picene	278	C22H14	000213-46-7	38
5	Pentacene	278	C22H14	000135-48-8	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
Data File : BF135243.D
Acq On : 14 Sep 2023 02:14
Operator : CG\JU
Sample : 04334-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
359

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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-...	4.998	3.3	ng	95886	1	6.763	585648	20.0
Phenanthrene, 1...	11.792	8.2	ng	225811	4	11.286	554224	20.0
n-Hexadecanoic ...	11.827	14.0	ng	388393	4	11.286	554224	20.0
1H-Indene, 2-ph...	11.904	5.7	ng	158910	4	11.286	554224	20.0
1,6-Methano-1H-...	12.022	35.9	ng	995886	4	11.286	554224	20.0
Naphthalene, 2-...	12.092	2.9	ng	80227	4	11.286	554224	20.0
9,10-Anthracene...	12.121	4.9	ng	136334	4	11.286	554224	20.0
unknown12.322	12.322	3.5	ng	97249	4	11.286	554224	20.0
Phenanthrene, 2...	12.351	3.9	ng	107242	4	11.286	554224	20.0
unknown12.404	12.404	2.9	ng	79575	4	11.286	554224	20.0
Cyclopenta(def)...	12.433	2.7	ng	76011	4	11.286	554224	20.0
unknown12.575	12.575	2.8	ng	78317	4	11.286	554224	20.0
trans-Chlordane	12.598	17.6	ng	487232	4	11.286	554224	20.0
Phthalic acid, ...	14.527	2.6	ng	165741	5	13.945	1268420	20.0
1,4-Benzenedica...	14.586	6.5	ng	410191	5	13.945	1268420	20.0
Phthalic acid, ...	14.716	2.5	ng	66980	6	15.415	533218	20.0
Phthalic acid, ...	14.768	2.5	ng	67137	6	15.415	533218	20.0
Benzo[e]pyrene	15.286	9.4	ng	252075	6	15.415	533218	20.0
Octadecane	15.892	3.3	ng	88889	6	15.415	533218	20.0
Benzo[b]triphen...	16.698	4.8	ng	127570	6	15.415	533218	20.0