LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
Data File : BF127383.D
Acq On : 17 Mar 2022 18:43
Operator : CG\JU
Sample : N1953-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-RBR-200033

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-BF031022.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127383.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.493	541	545	563	rBV	2218312	2065145	83.28%	5.497%
2	6.498	712	716	733	rBV	2045484	2163254	87.23%	5.758%
3	6.863	775	778	782	rBV	804944	665164	26.82%	1.771%
4	7.434	870	875	878	rBV	1587917	1387911	55.97%	3.695%
5	8.151	993	997	999	rBV	914557	813935	32.82%	2.167%
6	9.222	1175	1179	1183	rBV	2350388	2072600	83.58%	5.517%
7	9.563	1233	1237	1240	rBV2	57520	61380	2.48%	0.163%
8	9.769	1268	1272	1276	rBV	114411	106263	4.29%	0.283%
9	9.904	1292	1295	1298	rBV	965328	790302	31.87%	2.104%
10	9.939	1298	1301	1304	rVB	139696	115399	4.65%	0.307%
11	10.110	1326	1330	1333	rVV2	56030	65453	2.64%	0.174%
12	10.222	1345	1349	1351	rBV2	44408	49621	2.00%	0.132%
13	10.322	1359	1366	1369	rVB4	40102	73647	2.97%	0.196%
14	10.457	1385	1389	1393	rVB	110849	116597	4.70%	0.310%
15	10.610	1412	1415	1422	rVB	50379	59615	2.40%	0.159%
16	10.698	1426	1430	1436	rBV	1079589	964106	38.88%	2.566%
17	11.004	1476	1482	1484	rBV2	62680	81354	3.28%	0.217%
18	11.204	1513	1516	1520	rBV	92337	82372	3.32%	0.219%
19	11.245	1520	1523	1526	rBV3	48338	48967	1.97%	0.130%
20	11.292	1529	1531	1537	rVB	114977	100281	4.04%	0.267%
21	11.398	1545	1549	1551	rBV	783433	689752	27.81%	1.836%
22	11.422	1551	1553	1557	rVV	1476434	1301129	52.47%	3.464%
23	11.475	1557	1562	1564	rVV	209855	165500	6.67%	0.441%
24	11.510	1564	1568	1573	rVB2	43779	64087	2.58%	0.171%
25	11.633	1584	1589	1594	rBV	145046	183708	7.41%	0.489%
26	11.692	1597	1599	1603	rVV	69898	71020	2.86%	0.189%
27	11.727	1603	1605	1610	rVV2	106703	108674	4.38%	0.289%
28	11.810	1617	1619	1623	rVB	56257	59957	2.42%	0.160%
29	11.898	1631	1634	1637	rVV	339690	323378	13.04%	0.861%
30	11.927	1637	1639	1642	rVV	434076	328522	13.25%	0.875%
31	11.974	1644	1647	1650	rVV	65527	55344	2.23%	0.147%
32	12.010	1650	1653	1656	rVV2	430207	485447	19.58%	1.292%
33	12.033	1656	1657	1662	rVB	255327	163552	6.60%	0.435%
34	12.080	1662	1665	1668	rBV3	51768	50129	2.02%	0.133%
35	12.192	1681	1684	1687	rVV	204586	189877	7.66%	0.505%
36	12.227	1687	1690	1694	rVB	303340	253111	10.21%	0.674%

LSC Area Percent Report

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Acq On : 17 Mar 2022 18:43
Operator : CG\JU
Sample : N1953-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-RBR-200033

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-BF031022.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.345	1708	1710	1712	rVV	73911	70106	2.83%	0.187%
38	12.374	1712	1715	1717	rVV	106383	95455	3.85%	0.254%
39	12.398	1717	1719	1724	rVB2	73437	58963	2.38%	0.157%
40	12.451	1724	1728	1730	rBV	241959	239495	9.66%	0.638%
41	12.486	1730	1734	1736	rVV3	126983	178134	7.18%	0.474%
42	12.510	1736	1738	1740	rVB	77767	59757	2.41%	0.159%
43	12.545	1740	1744	1747	rBV2	194439	231936	9.35%	0.617%
44	12.622	1752	1757	1760	rBV	2551359	2401114	96.82%	6.392%
45	12.657	1760	1763	1765	rVV	70494	63826	2.57%	0.170%
46	12.680	1765	1767	1769	rVV	75999	61542	2.48%	0.164%
47	12.769	1775	1782	1784	rBV2	137772	196323	7.92%	0.523%
48	12.851	1789	1796	1799	rBV	2318476	2479853	100.00%	6.601%
49	12.892	1800	1803	1807	rVB2	151400	160812	6.48%	0.428%
50	12.980	1811	1818	1821	rBV	1452484	1493959	60.24%	3.977%
51	13.004	1821	1822	1827	rVB2	113040	94591	3.81%	0.252%
52	13.057	1827	1831	1836	rBV4	186710	325132	13.11%	0.865%
53	13.151	1843	1847	1848	rVV3	174805	193123	7.79%	0.514%
54	13.174	1848	1851	1854	rVB	338848	321407	12.96%	0.856%
55	13.239	1859	1862	1864	rVV	217216	161235	6.50%	0.429%
56	13.280	1864	1869	1871	rVV2	260849	286990	11.57%	0.764%
57	13.304	1871	1873	1876	rVB3	59792	54297	2.19%	0.145%
58	13.369	1881	1884	1887	rBV	174726	144810	5.84%	0.385%
59	13.404	1887	1890	1893	rBV	161589	158027	6.37%	0.421%
60	13.598	1921	1923	1925	rVV	58737	50515	2.04%	0.134%
61	13.657	1930	1933	1935	rBV2	56347	58605	2.36%	0.156%
62	13.686	1935	1938	1942	rVB	271194	250533	10.10%	0.667%
63	13.792	1951	1956	1959	rBV	325756	364826	14.71%	0.971%
64	13.821	1959	1961	1963	rVV	247006	181124	7.30%	0.482%
65	13.845	1963	1965	1971	rVV3	182746	269982	10.89%	0.719%
66	13.892	1971	1973	1977	rVB	255050	228865	9.23%	0.609%
67	13.963	1980	1985	1990	rBV	93747	173239	6.99%	0.461%
68	14.010	1990	1993	1995	rVV2	141812	158286	6.38%	0.421%
69	14.039	1995	1998	2002	rVV2	1231588	1891402	76.27%	5.035%
70	14.074	2002	2004	2011	rVB	1262236	1089820	43.95%	2.901%
71	14.133	2011	2014	2015	rBV2	64182	60490	2.44%	0.161%
72	14.151	2015	2017	2020	rVB	152166	116824	4.71%	0.311%
73	14.198	2022	2025	2031	rVV5	90882	126403	5.10%	0.336%
74	14.280	2037	2039	2041	rVB	89095	65745	2.65%	0.175%
75	14.304	2041	2043	2046	rVB2	72458	73509	2.96%	0.196%
76	14.398	2056	2059	2060	rBV	75368	74030	2.99%	0.197%

LSC Area Percent Report

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Acq On : 17 Mar 2022 18:43
Operator : CG\JU
Sample : N1953-01
Misc :
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Instrument :
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ClientSampleId :
RO-RBR-200033

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.433	2060	2065	2068	rVB	236861	221540	8.93%	0.590%
78	14.463	2068	2070	2075	rBV2	105435	143346	5.78%	0.382%
79	14.527	2080	2081	2084	rVV	74694	51586	2.08%	0.137%
80	14.557	2084	2086	2088	rVV	134903	120461	4.86%	0.321%
81	14.580	2088	2090	2093	rVV	113846	91301	3.68%	0.243%
82	14.627	2094	2098	2101	rVB3	72594	88109	3.55%	0.235%
83	14.751	2117	2119	2122	rBV4	63667	73296	2.96%	0.195%
84	14.874	2137	2140	2147	rVB	213123	232455	9.37%	0.619%
85	14.933	2147	2150	2157	rVB3	83592	157726	6.36%	0.420%
86	15.104	2173	2179	2181	rBV	758797	1153149	46.50%	3.070%
87	15.127	2181	2183	2189	rVV2	434957	498338	20.10%	1.327%
88	15.210	2193	2197	2202	rBV	126970	149657	6.03%	0.398%
89	15.298	2208	2212	2214	rBV3	49174	72330	2.92%	0.193%
90	15.410	2226	2231	2237	rVB	461760	581253	23.44%	1.547%
91	15.474	2237	2242	2246	rVV	592865	726170	29.28%	1.933%
92	15.533	2248	2252	2255	rVV	337862	423932	17.10%	1.128%
93	15.568	2255	2258	2264	rVB2	153395	216020	8.71%	0.575%
94	15.962	2321	2325	2332	rVB2	75467	135969	5.48%	0.362%
95	16.104	2346	2349	2353	rVB3	37940	51645	2.08%	0.137%
96	17.039	2502	2508	2518	rBV2	227032	474599	19.14%	1.263%
97	17.221	2534	2539	2544	rBV2	40095	88773	3.58%	0.236%
98	17.498	2580	2586	2602	rVB	173765	409382	16.51%	1.090%
99	17.751	2624	2629	2644	rVB3	48215	144197	5.81%	0.384%
100	18.162	2695	2699	2707	rVB3	50188	119569	4.82%	0.318%

Sum of corrected areas: 37566441

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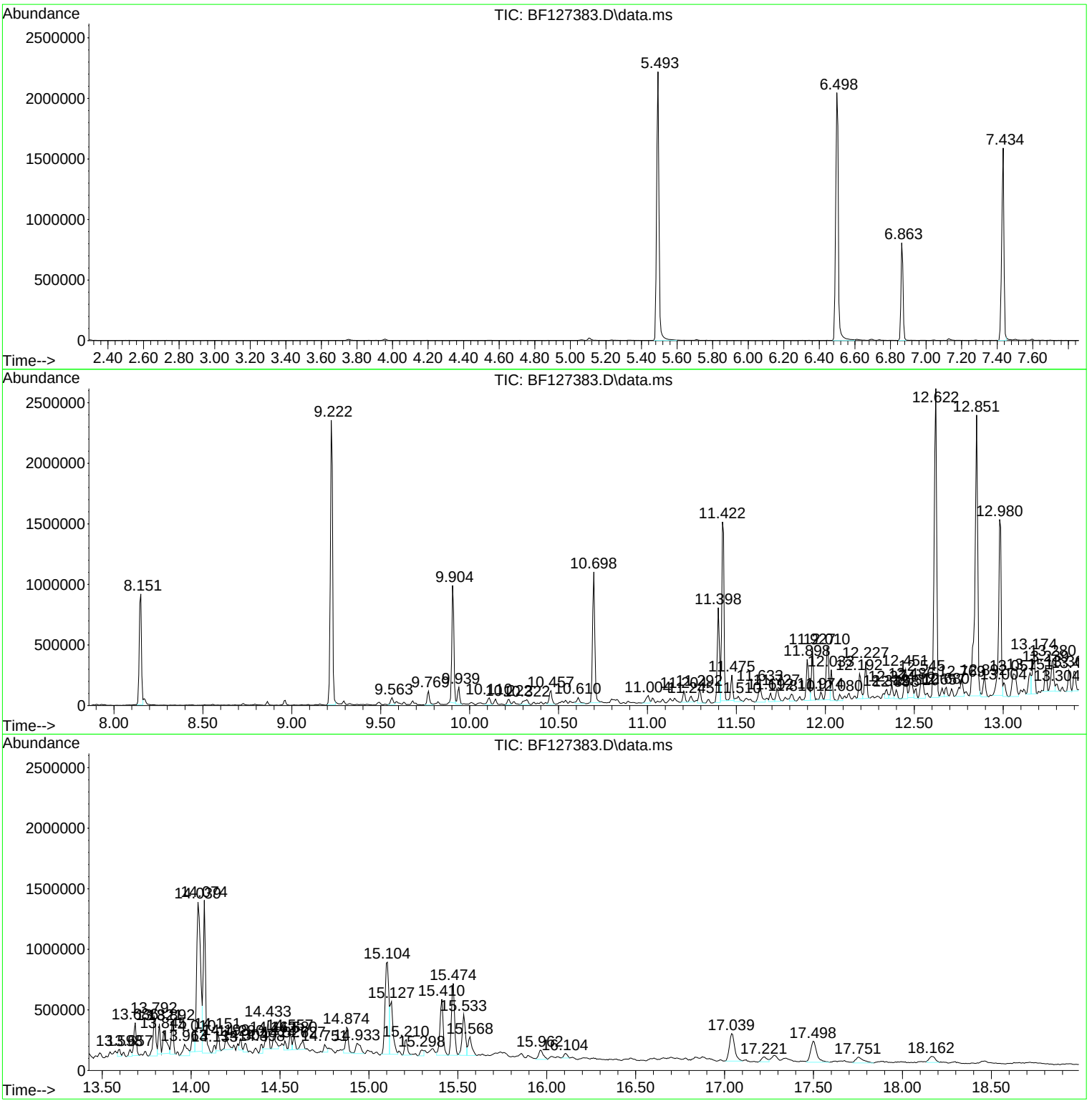
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-RBR-200033

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.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\BF031722\
Data File : BF127383.D
Acq On : 17 Mar 2022 18:43
Operator : CG\JU
Sample : N1953-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

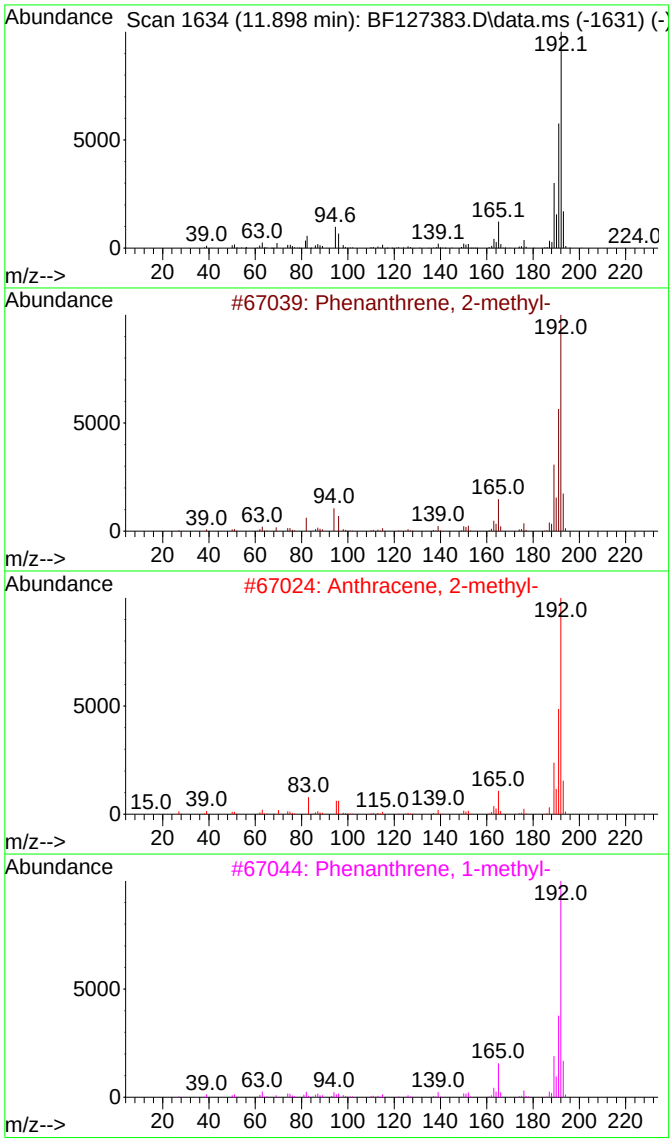
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

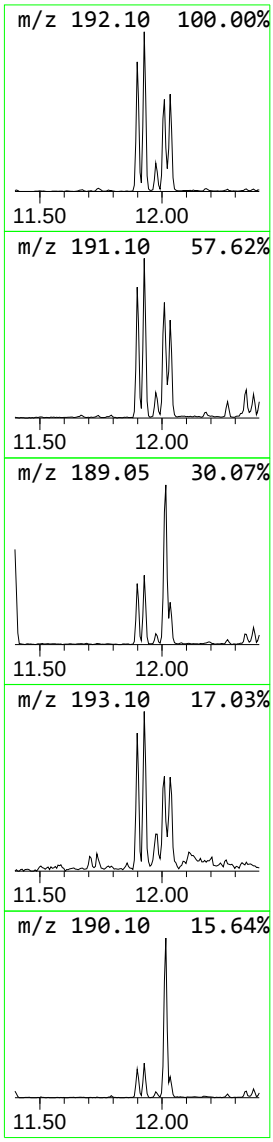
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	9.38 ng	323378	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
Data File : BF127383.D
Acq On : 17 Mar 2022 18:43
Operator : CG\JU
Sample : N1953-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-RBR-200033

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

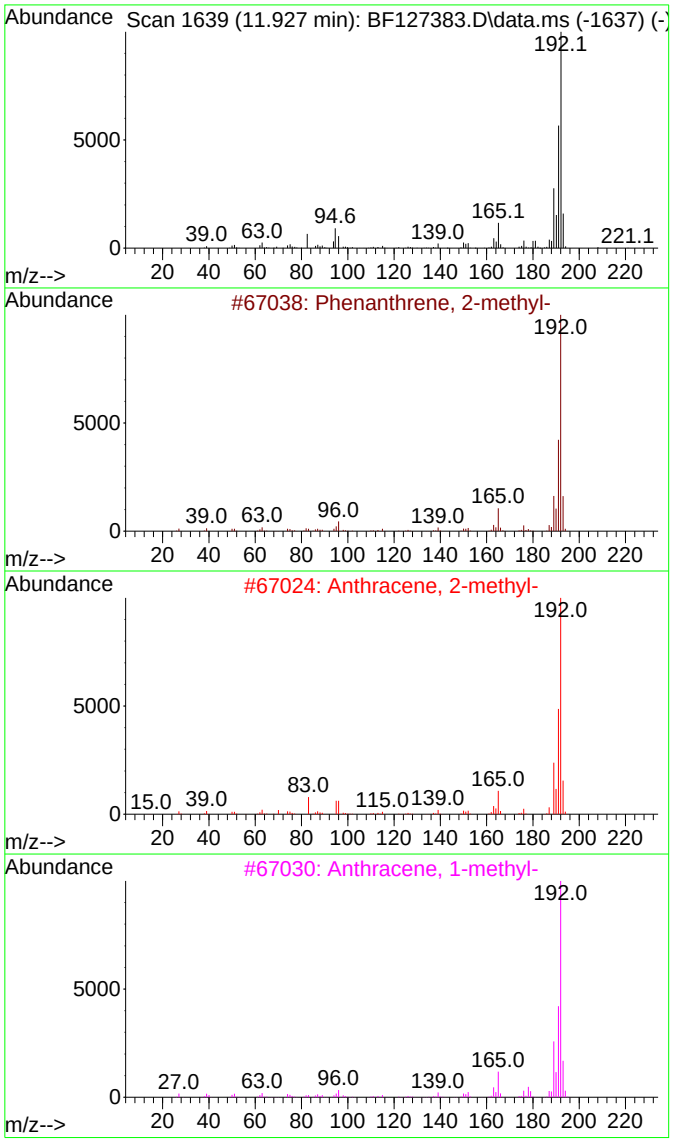
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

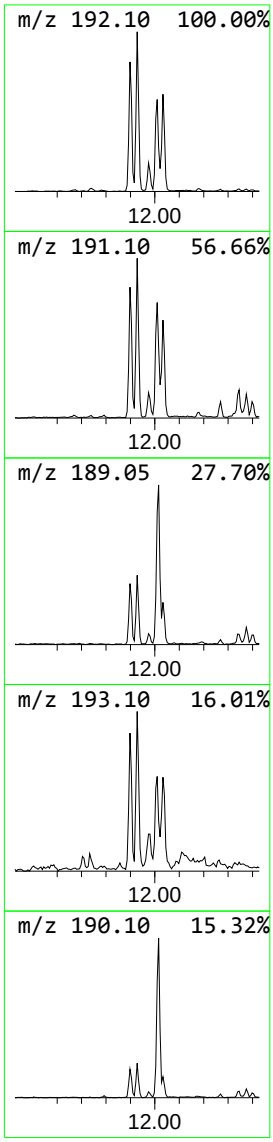
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	9.53 ng	328522	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
Data File : BF127383.D
Acq On : 17 Mar 2022 18:43
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Sample : N1953-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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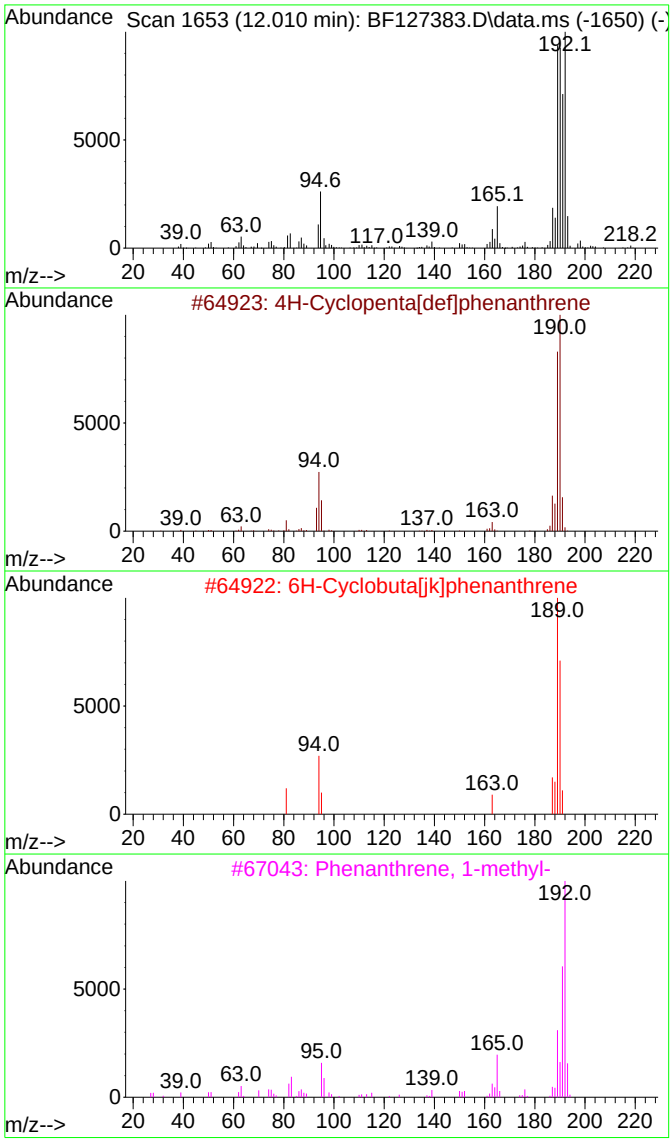
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

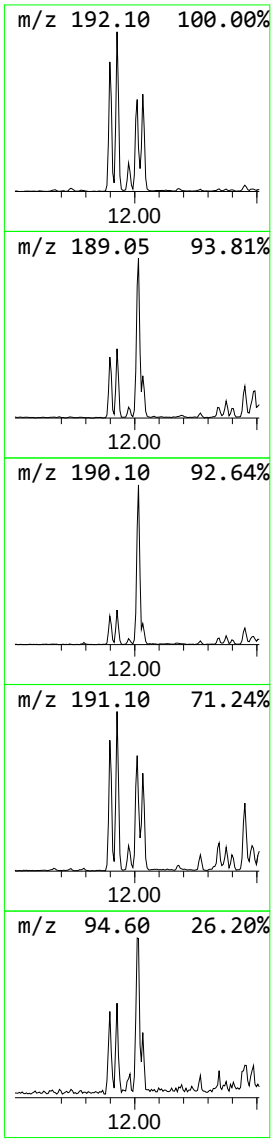
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	14.08 ng	485447	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
Data File : BF127383.D
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Sample : N1953-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-RBR-200033

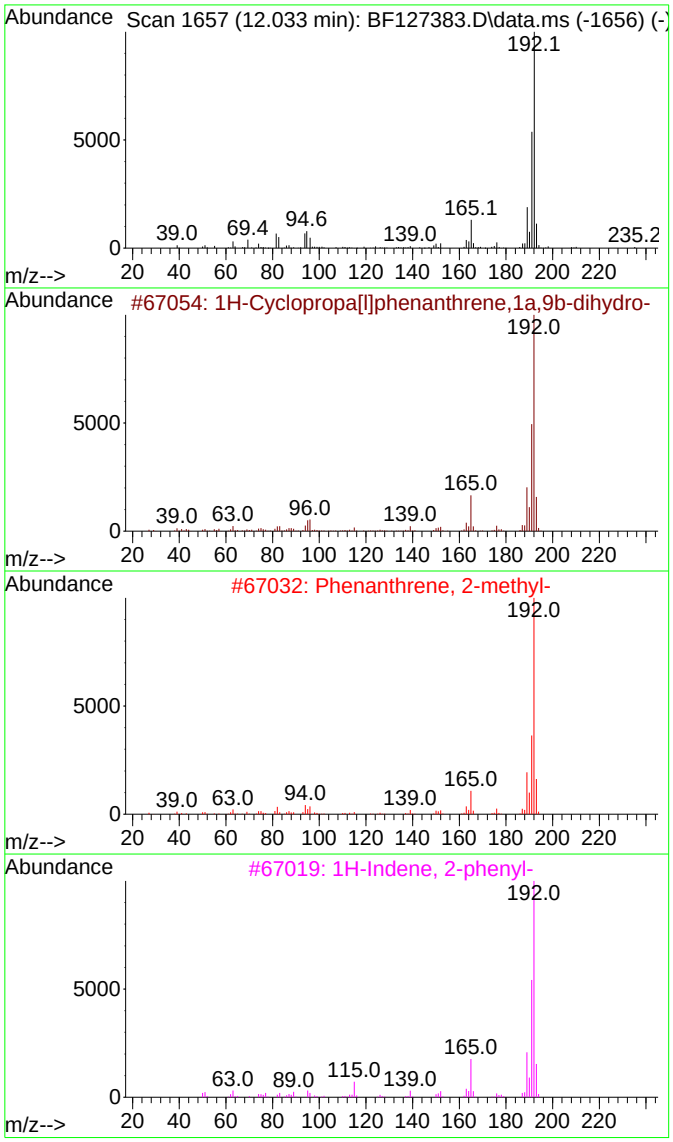
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

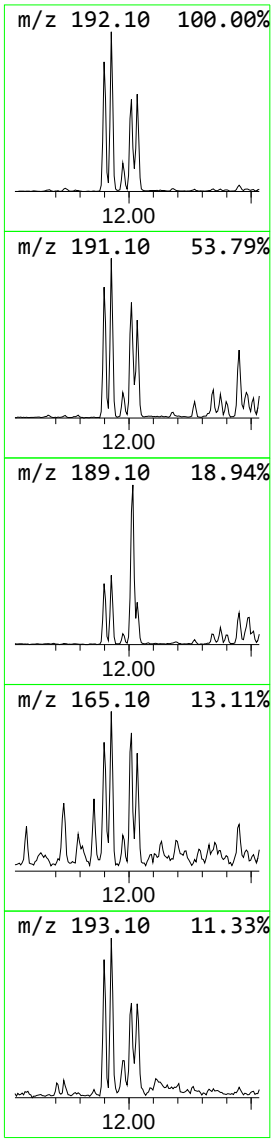
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	4.74 ng	163552	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
Data File : BF127383.D
Acq On : 17 Mar 2022 18:43
Operator : CG\JU
Sample : N1953-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-RBR-200033

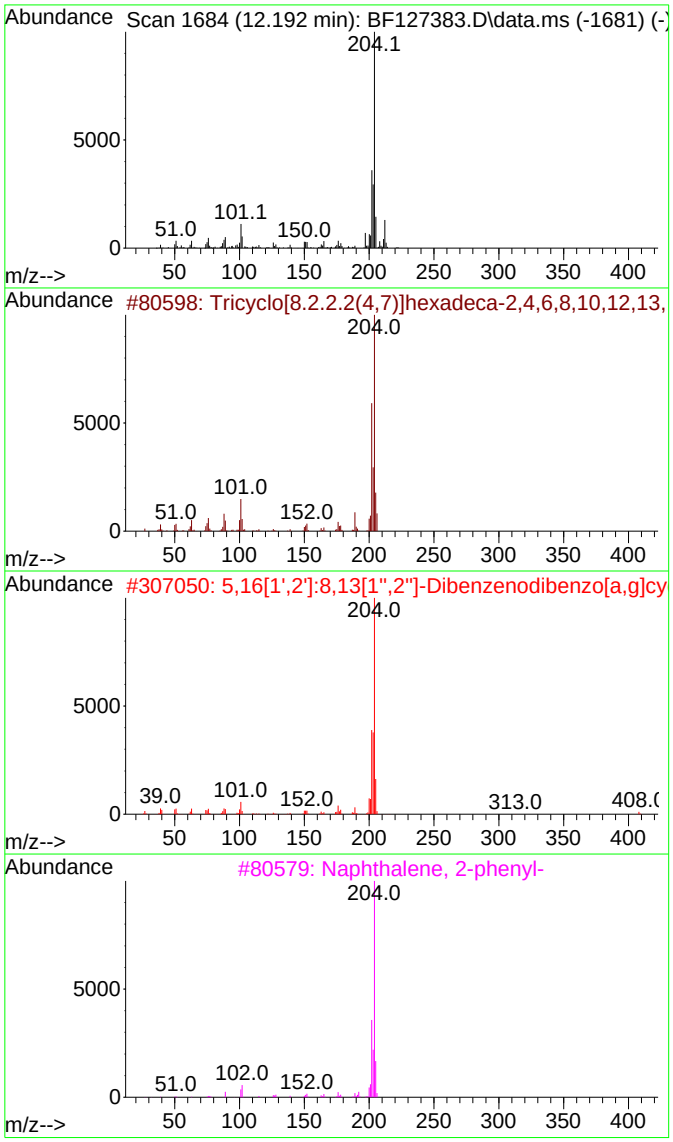
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

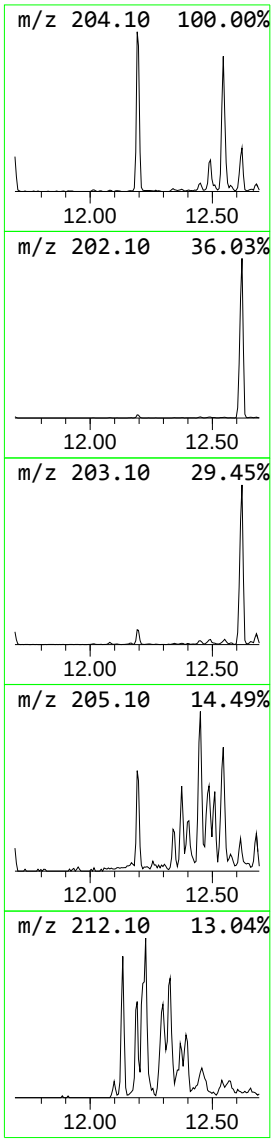
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.192	5.51 ng	189877	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	89
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52
5	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	50





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Acq On : 17 Mar 2022 18:43
Operator : CG\JU
Sample : N1953-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RO-RBR-200033

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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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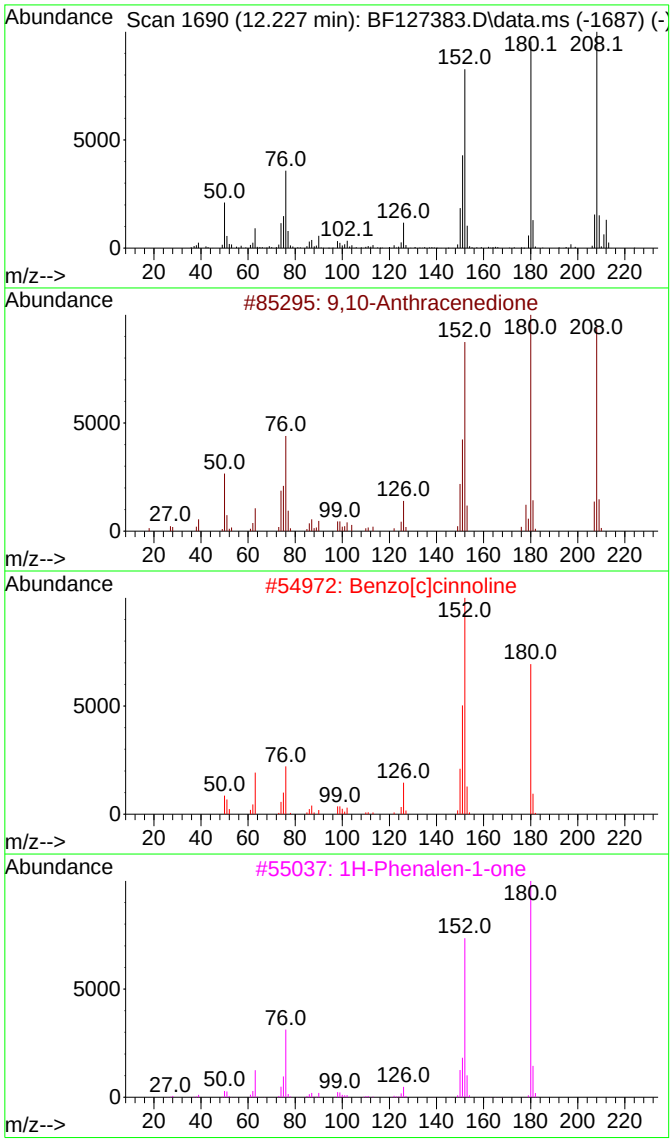
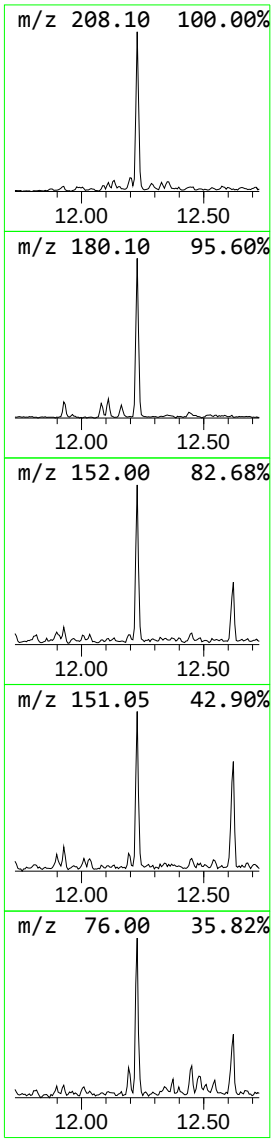
Peak Number 6 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.227	7.34 ng	253111	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	92
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	53





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Sample : N1953-01
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ALS Vial : 18 Sample Multiplier: 1

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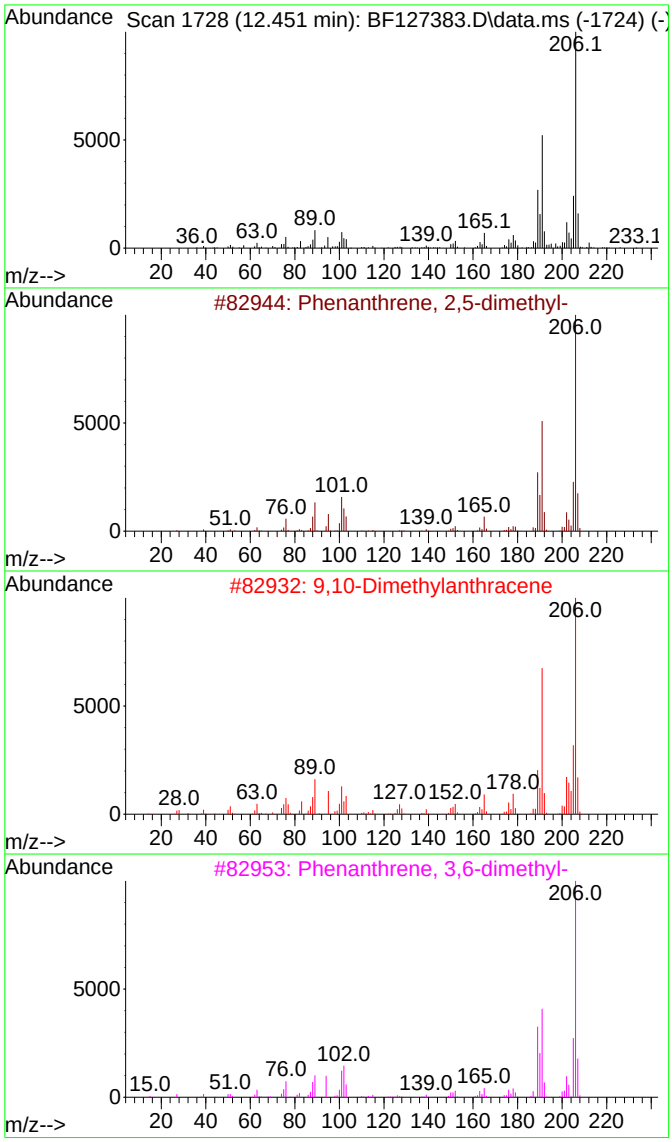
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

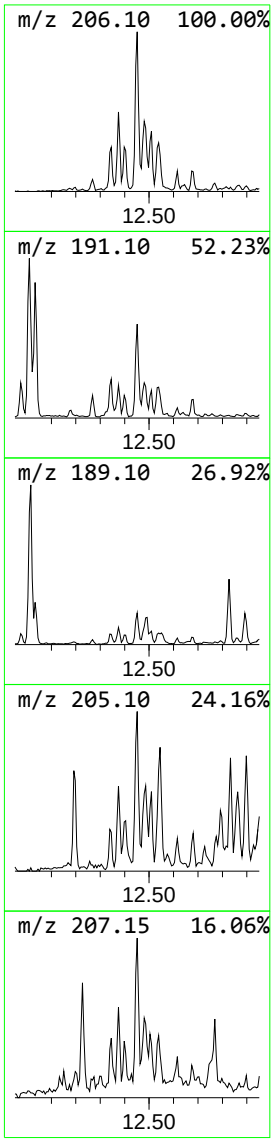
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	6.94 ng	239495	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87





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Sample : N1953-01
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Instrument :
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ClientSampleId :
RO-RBR-200033

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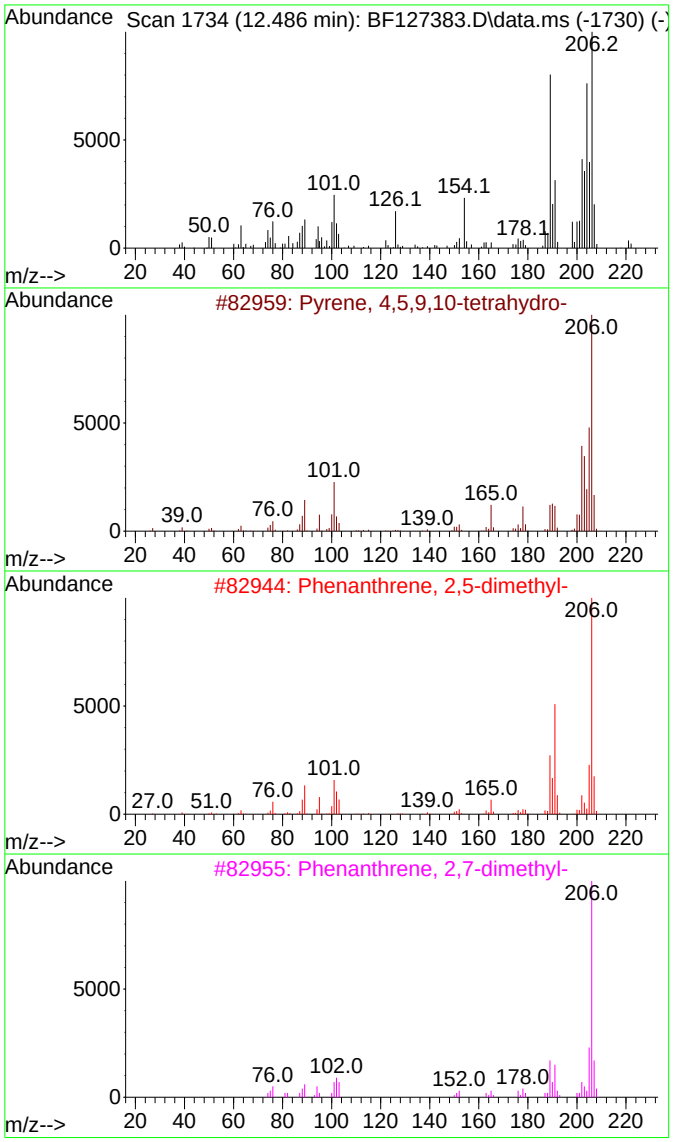
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

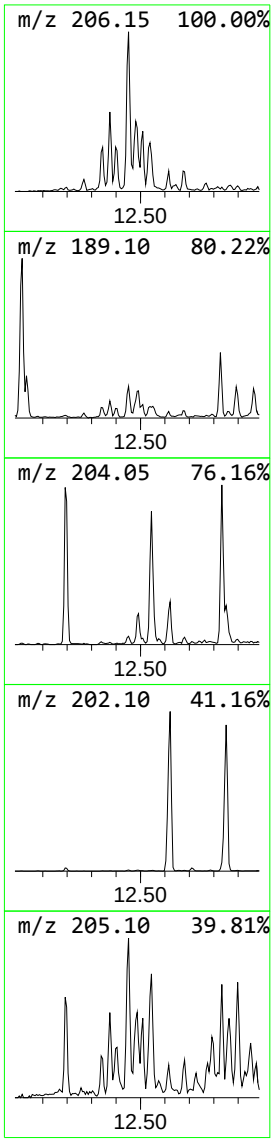
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Pyrene, 4,5,9,10-tetrahydro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	5.17 ng	178134	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	55
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	38
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	38
4	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	38
5	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	30





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Operator : CG\JU
Sample : N1953-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

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

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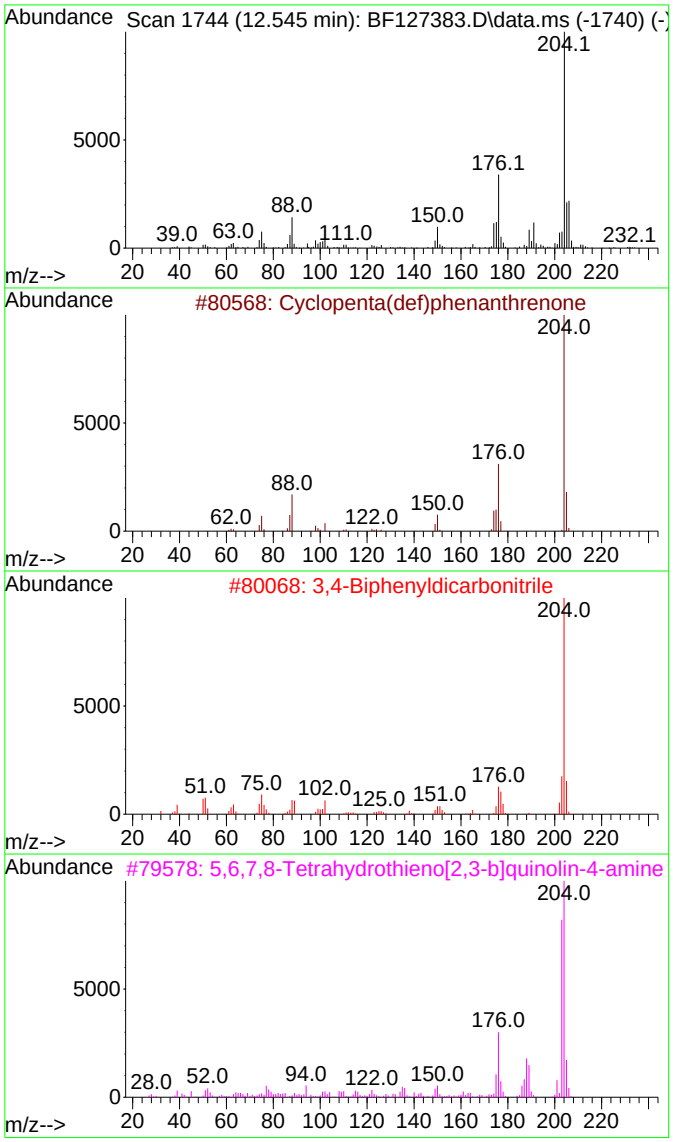
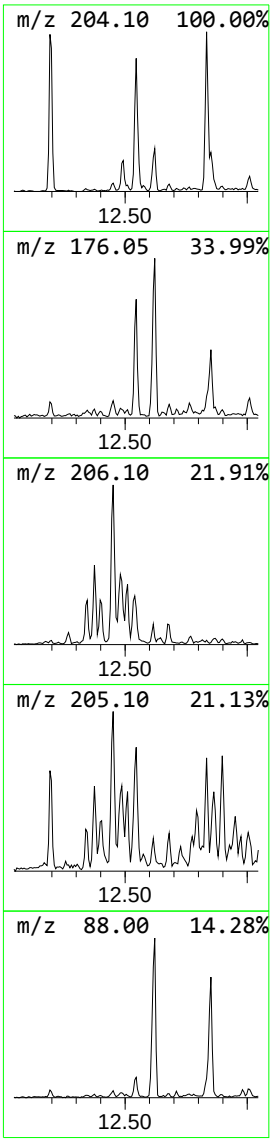
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.545	6.73 ng	231936	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	64
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	43
5	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	40





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ALS Vial : 18 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

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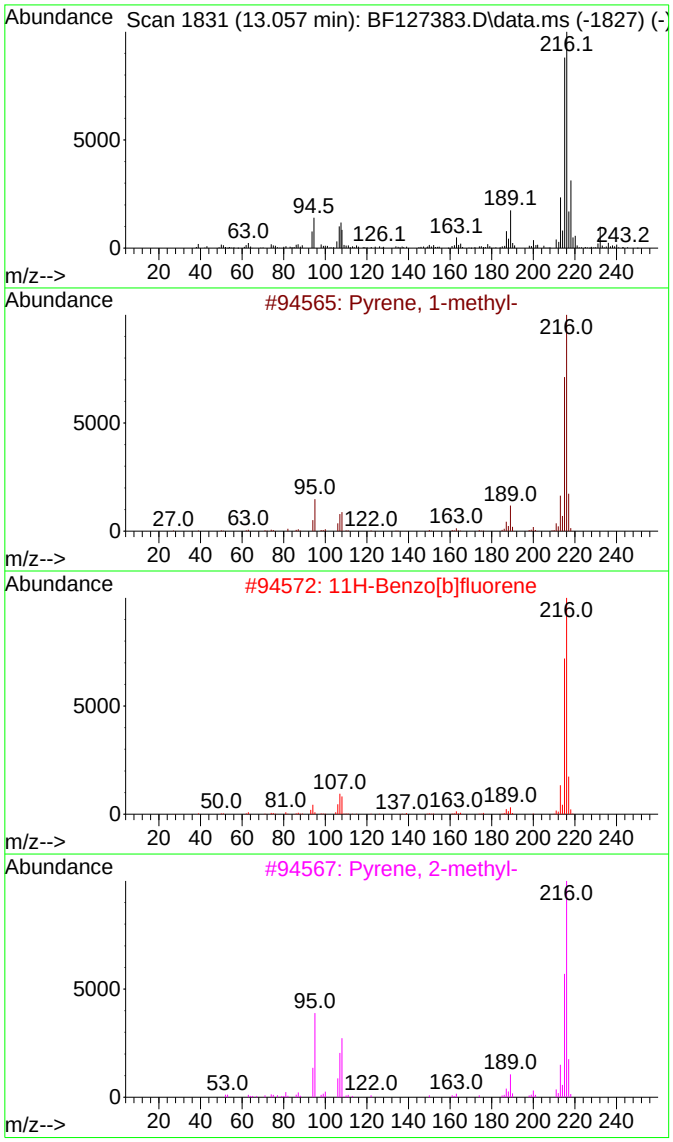
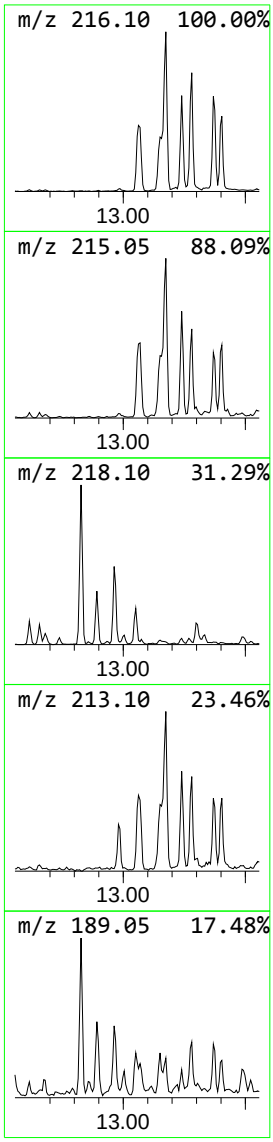
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.057	3.44 ng	325132	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68





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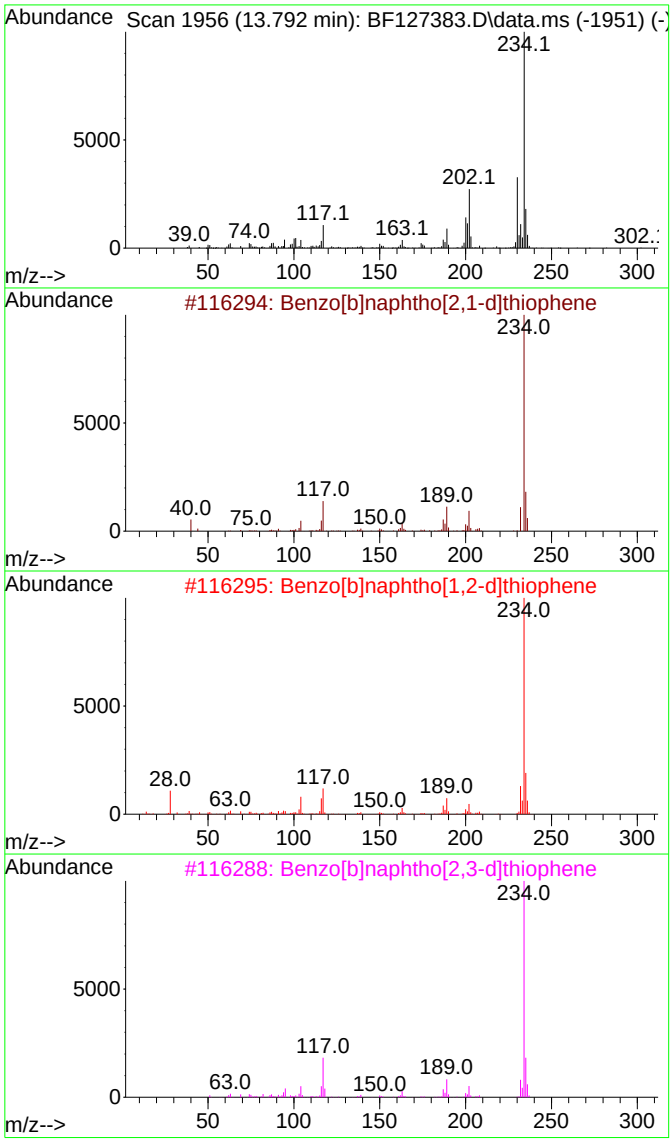
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

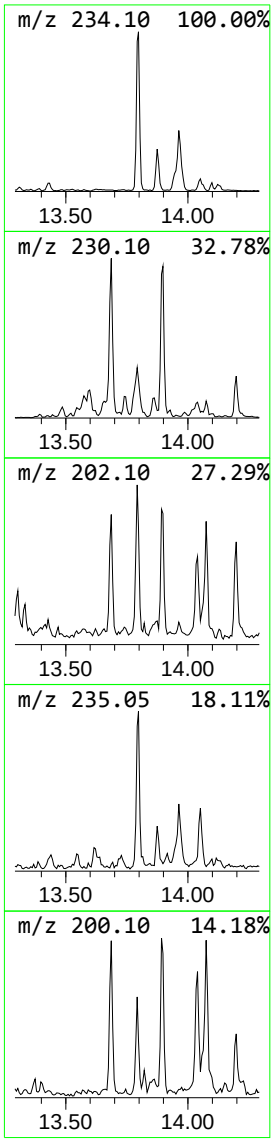
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.792	3.86 ng	364826	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	92
2	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	64
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	58
4	pyrido[1',2':1,2]imidazo[4,5-b]q...	234	C14H10N4	1000401-06-3	47
5	Cyclohexene, 1,2-diphenyl-	234	C18H18	041317-87-7	47





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Sample : N1953-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.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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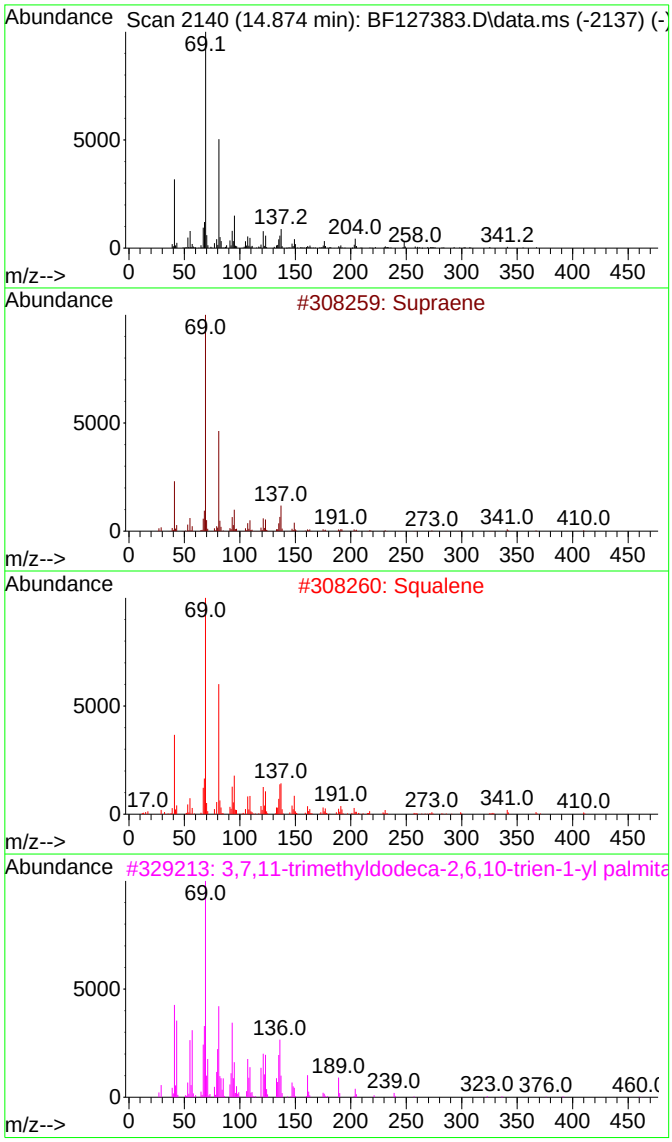
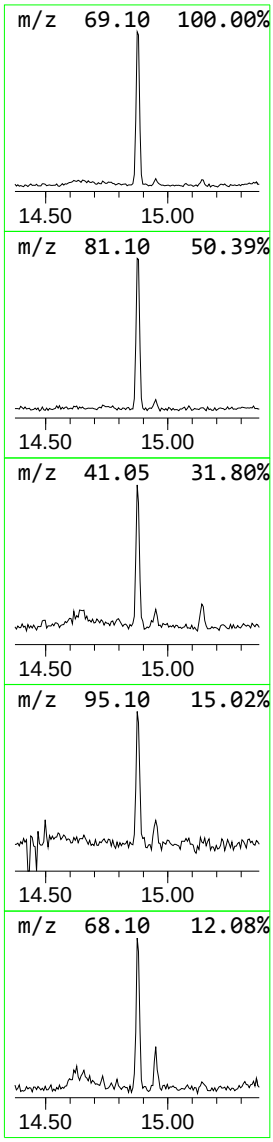
Peak Number 12 Supraene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.874	10.97 ng	232455	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	83
3	3,7,11-trimethyldodeca-2,6,10-tr...	460	C31H56O2	157501-12-7	72
4	(2E,6E)-3,7,11-Trimethyldodeca-2...	404	C27H48O2	078368-58-8	72
5	Oxirane, 2,2-dimethyl-3-(3,7,12,...	426	C30H50O	007200-26-2	72





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ALS Vial : 18 Sample Multiplier: 1

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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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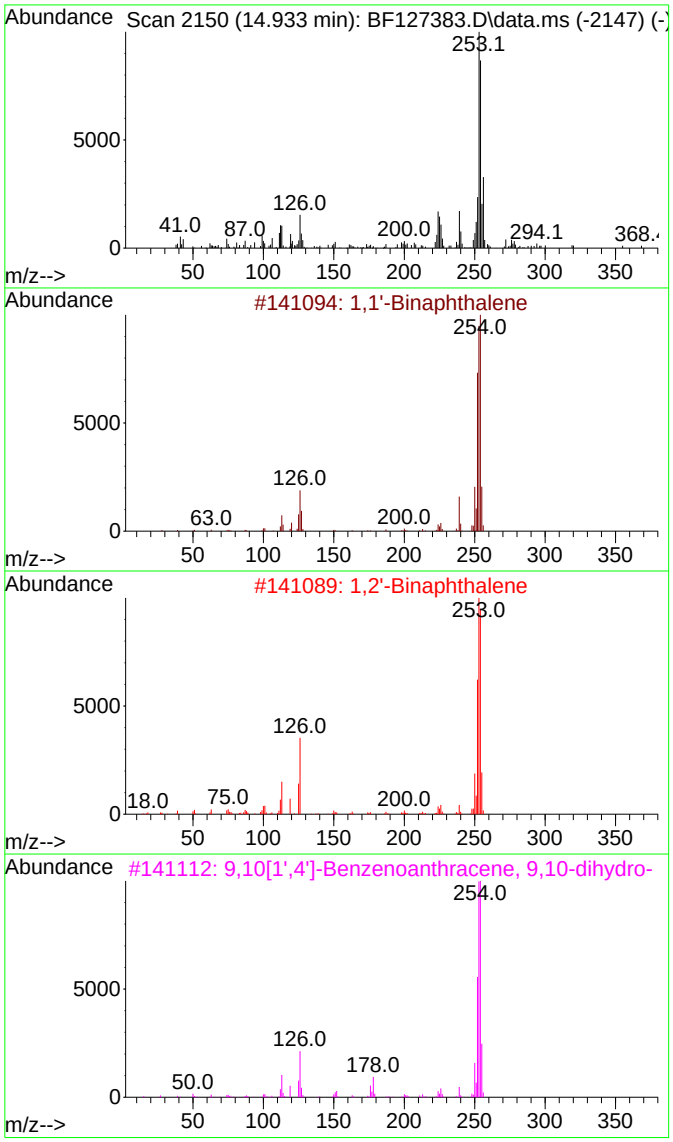
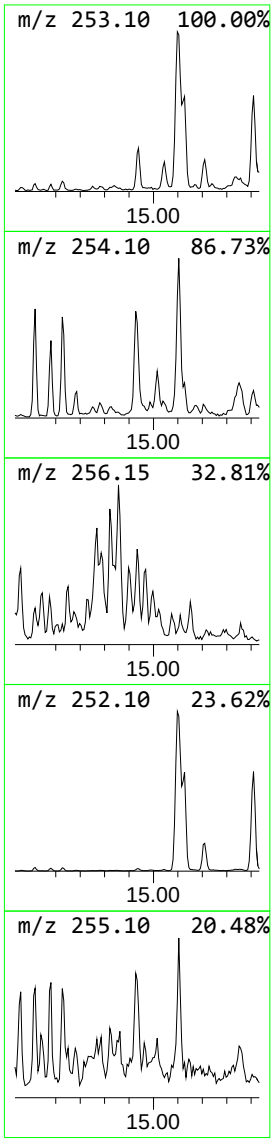
Peak Number 13 1,1'-Binaphthalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.933	7.44 ng	157726	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	89
2	1,2'-Binaphthalene	254	C20H14	004325-74-0	68
3	9,10[1',4']-Benzenoanthracene, 9...	254	C20H14	1000487-02-7	64
4	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	64
5	Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	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

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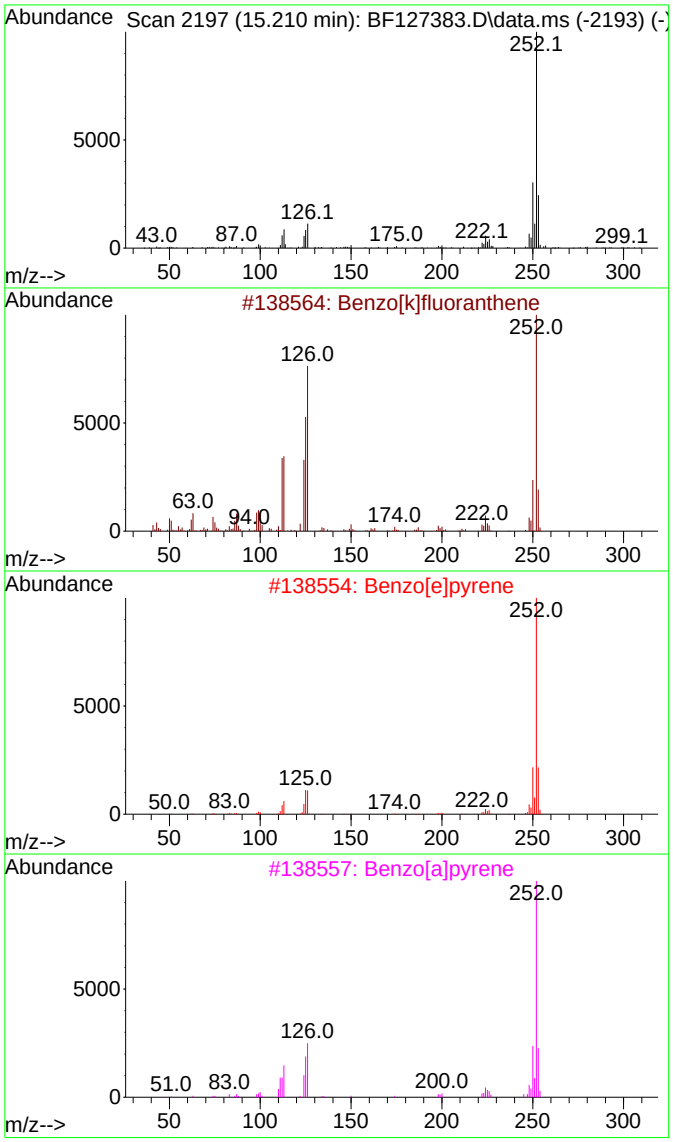
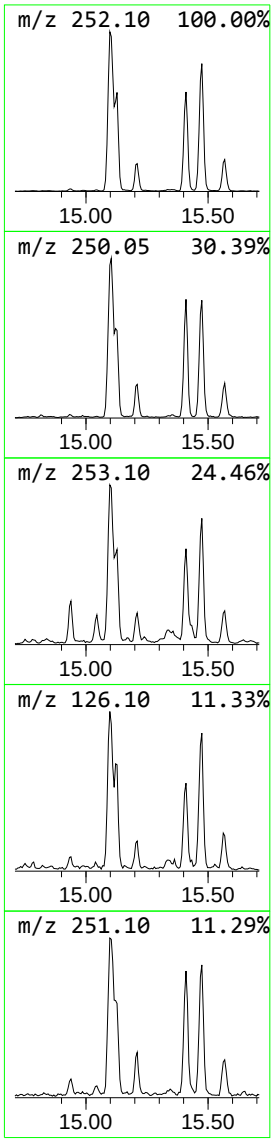
Peak Number 14 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	7.06 ng	149657	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Perylene	252	C20H12	000198-55-0	89





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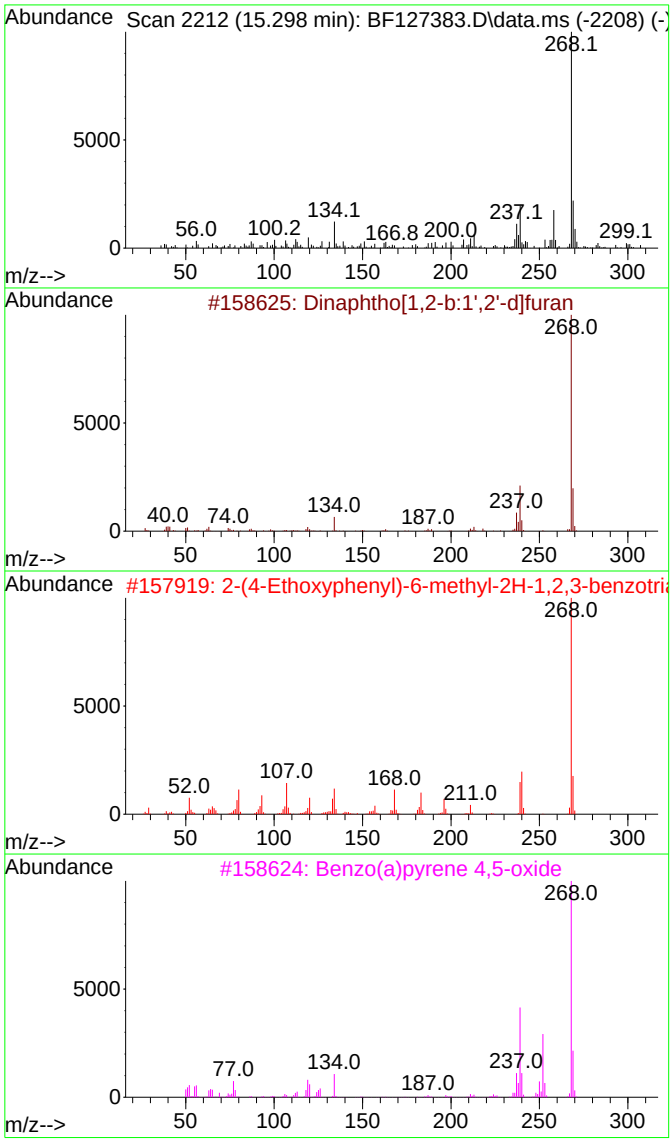
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

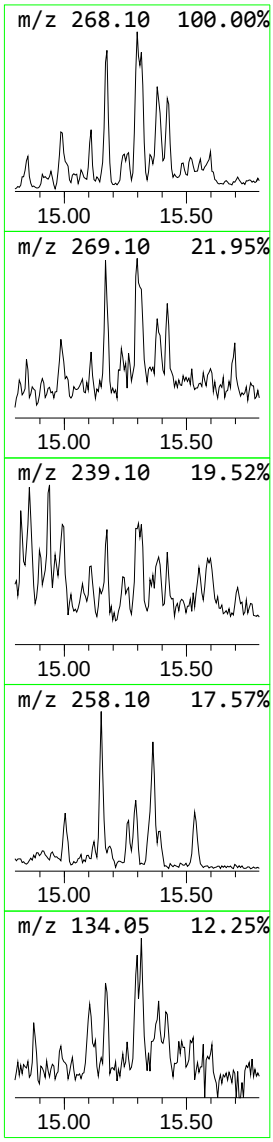
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.298	3.41 ng	72330	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	87
2	2-(4-Ethoxyphenyl)-6-methyl-2H-1...	268	C15H16N4O	355818-00-7	64
3	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	64
4	Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	64
5	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	58





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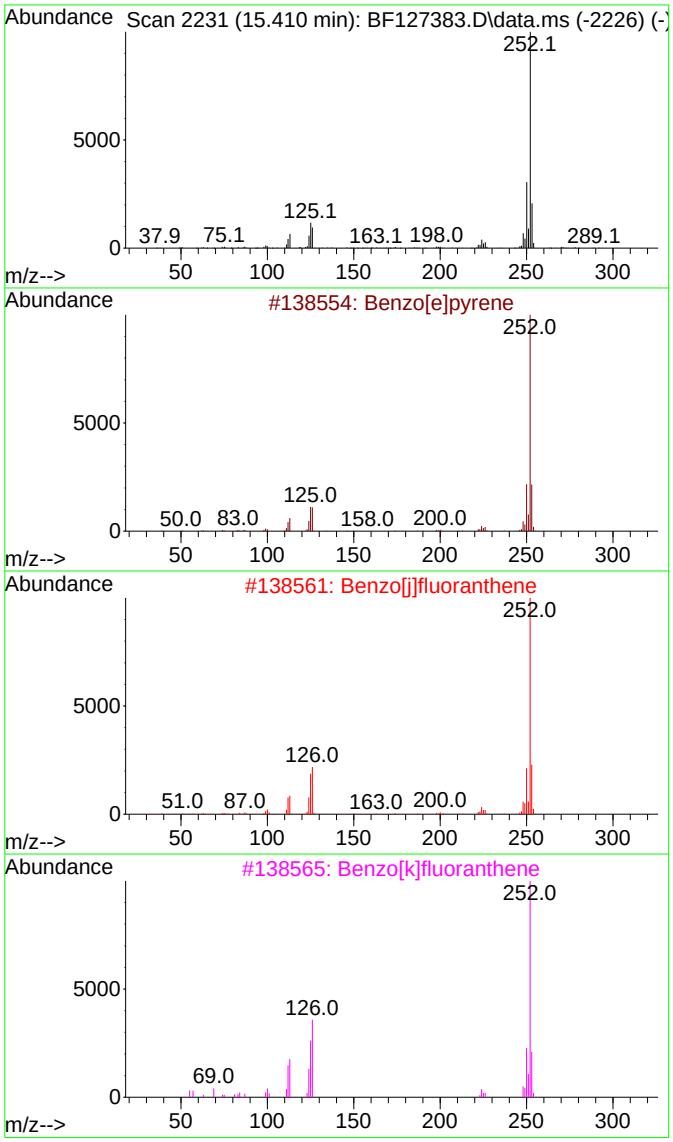
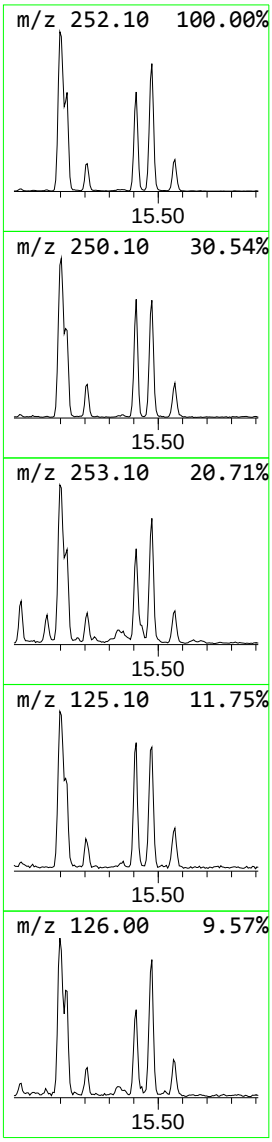
Peak Number 16 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	27.42 ng	581253	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
Data File : BF127383.D
Acq On : 17 Mar 2022 18:43
Operator : CG\JU
Sample : N1953-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-RBR-200033

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.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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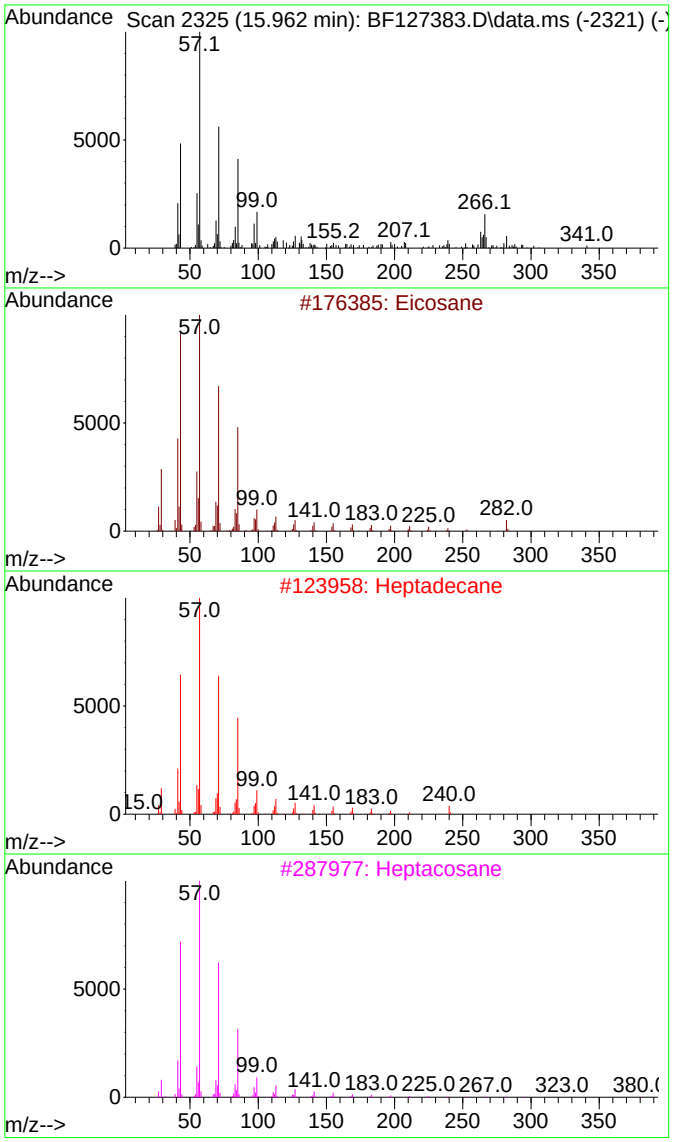
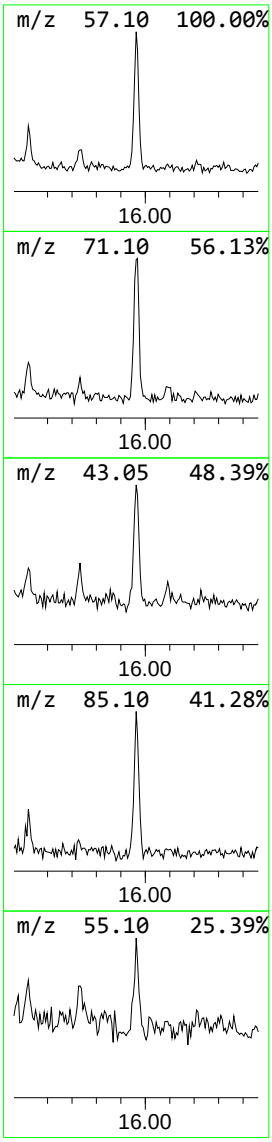
Peak Number 17 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.963	6.41 ng	135969	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	76
2	Heptadecane	240	C17H36	000629-78-7	64
3	Heptacosane	380	C27H56	000593-49-7	64
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	58
5	Dodecane	170	C12H26	000112-40-3	58





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Data File : BF127383.D
Acq On : 17 Mar 2022 18:43
Operator : CG\JU
Sample : N1953-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-RBR-200033

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.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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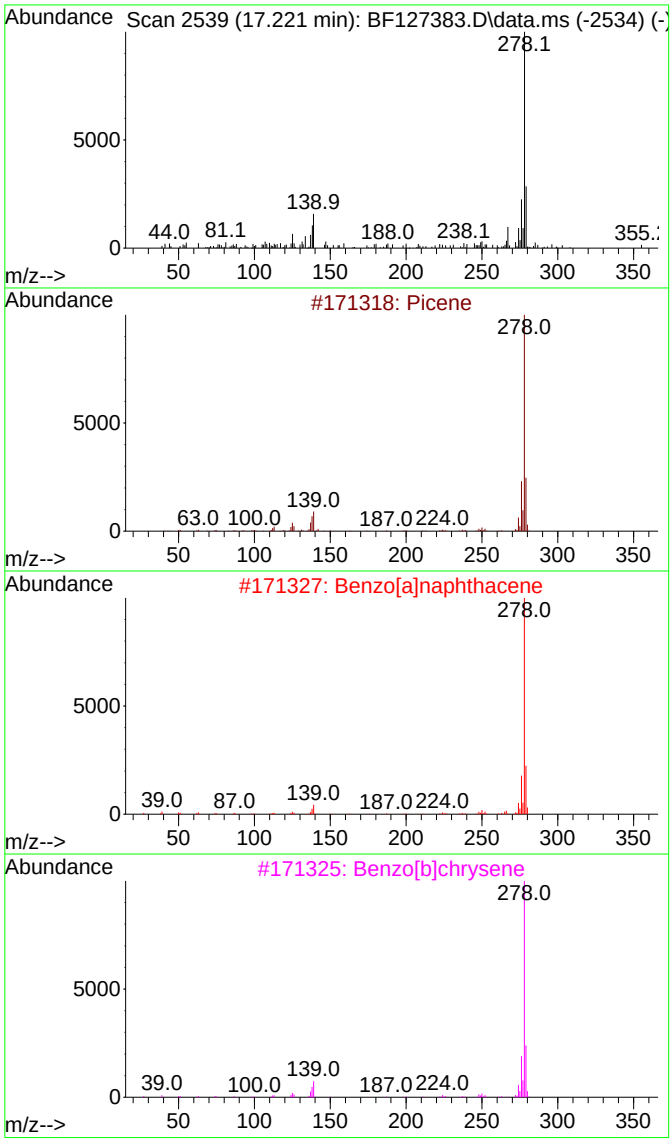
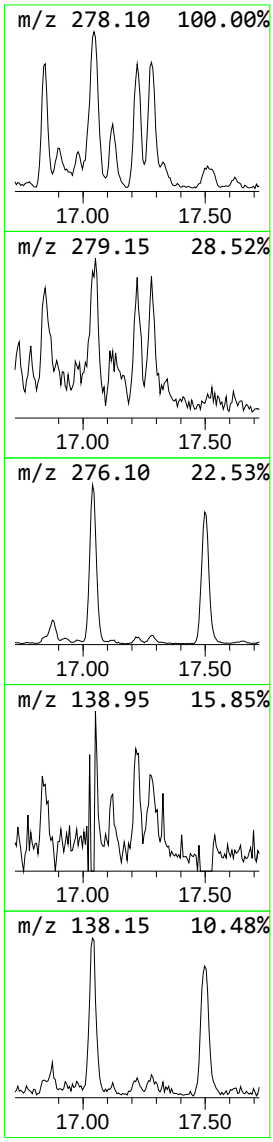
Peak Number 18 Picene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.221	4.19 ng	88773	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	97
2	Benzo[a]naphthacene	278	C22H14	000226-88-0	95
3	Benzo[b]chrysene	278	C22H14	000214-17-5	94
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	93
5	Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
Data File : BF127383.D
Acq On : 17 Mar 2022 18:43
Operator : CG\JU
Sample : N1953-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-RBR-200033

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.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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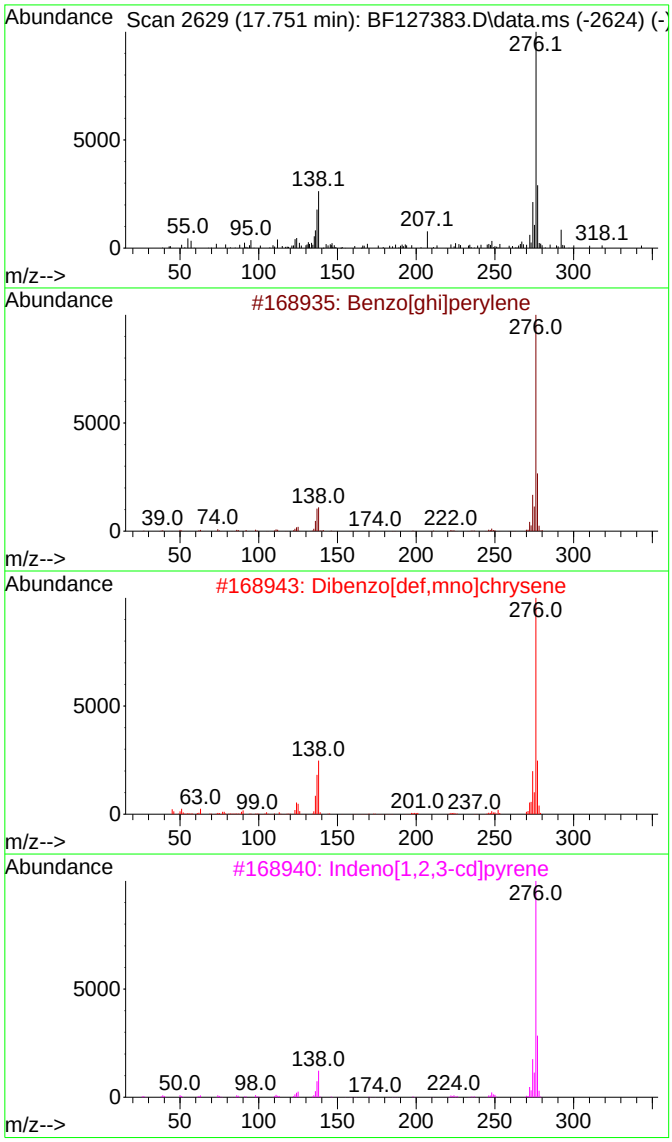
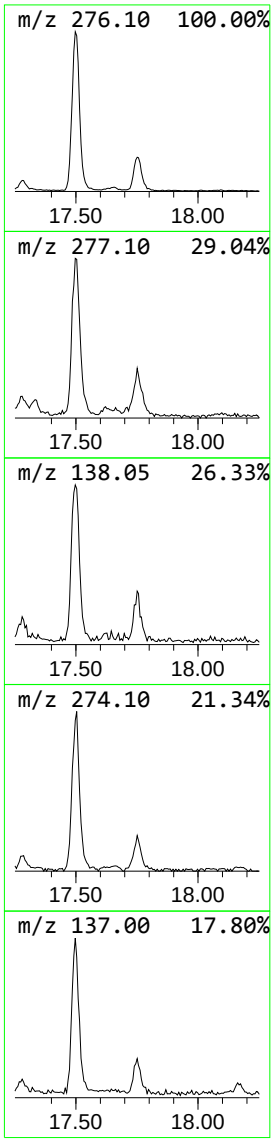
Peak Number 19 Dibenzo[def,mno]chrysene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.751	6.80 ng	144197	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	95
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	90
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	90
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	72
5	1,2,4-Triazolo[3,4-a]isoquinolin...	291	C18H17N3O	301352-47-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
Data File : BF127383.D
Acq On : 17 Mar 2022 18:43
Operator : CG\JU
Sample : N1953-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-RBR-200033

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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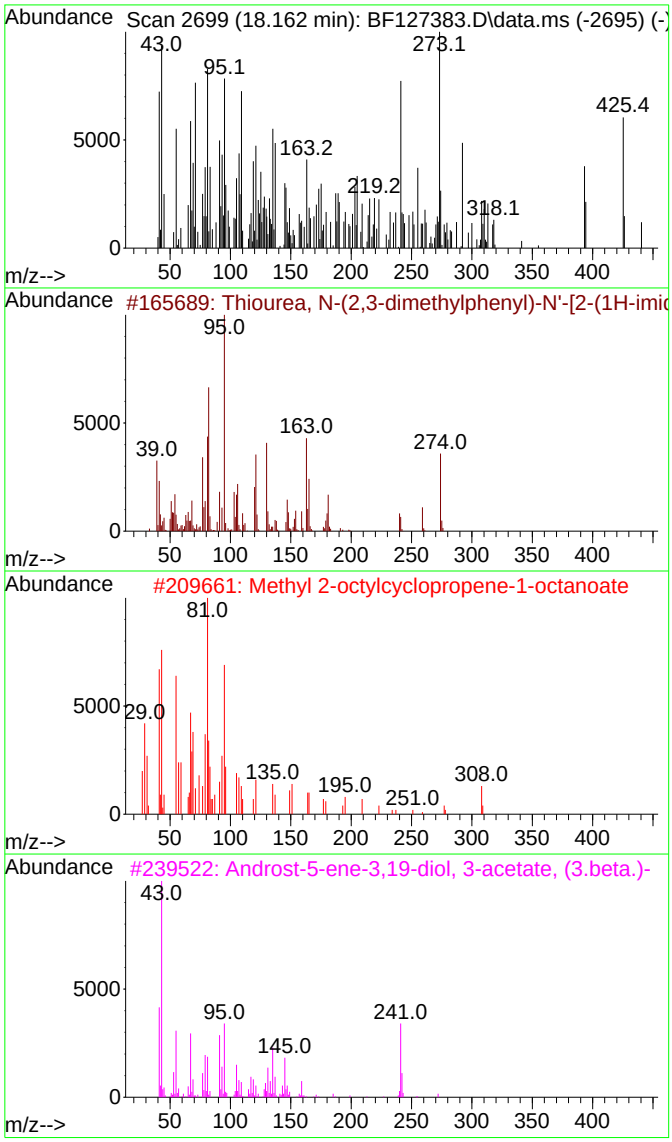
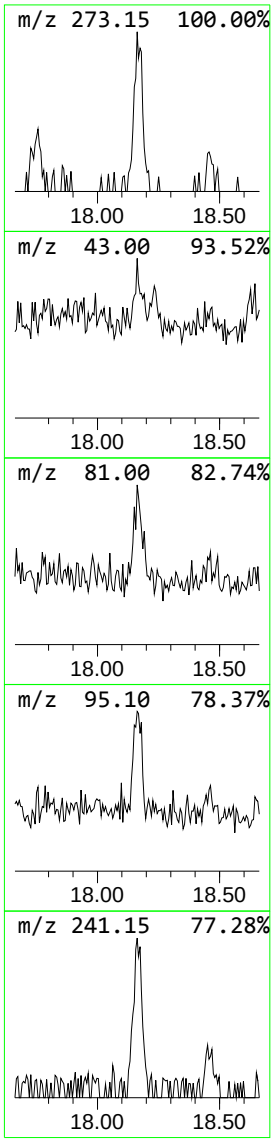
Peak Number 20 unknown18.162 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.162	5.64 ng	119569	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiourea, N-(2,3-dimethylphenyl)...	274	C14H18N4S	1000320-24-5	41
2	Methyl 2-octylcyclopropene-1-oct...	308	C20H36O2	003220-60-8	40
3	Androst-5-ene-3,19-diol, 3-aceta...	332	C21H32O3	055320-48-4	27
4	1-Isopropyl-3-(pyrazol-1-yl)-3H-...	241	C14H15N3O	1360058-23-6	25
5	8-Nitropyrimido[4,5-b][1,4]benzo...	273	C11H7N5O2S	089046-89-9	15





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
Data File : BF127383.D
Acq On : 17 Mar 2022 18:43
Operator : CG\JU
Sample : N1953-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-RBR-200033

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.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
Phenanthrene, 2...	11.898	9.4	ng	323378	4	11.398	689752	20.0
Anthracene, 2-m...	11.927	9.5	ng	328522	4	11.398	689752	20.0
4H-Cyclopenta[d...	12.010	14.1	ng	485447	4	11.398	689752	20.0
1H-Cyclopropa[l...	12.033	4.7	ng	163552	4	11.398	689752	20.0
Tricyclo[8.2.2....	12.192	5.5	ng	189877	4	11.398	689752	20.0
9,10-Anthracene...	12.227	7.3	ng	253111	4	11.398	689752	20.0
Phenanthrene, 2...	12.451	6.9	ng	239495	4	11.398	689752	20.0
Pyrene, 4,5,9,1...	12.486	5.2	ng	178134	4	11.398	689752	20.0
Cyclopenta(def)...	12.545	6.7	ng	231936	4	11.398	689752	20.0
Pyrene, 1-methyl-	13.057	3.4	ng	325132	5	14.051	1891400	20.0
Benzo[b]naphtho...	13.792	3.9	ng	364826	5	14.051	1891400	20.0
Supraene	14.874	11.0	ng	232455	6	15.533	423932	20.0
1,1'-Binaphthalene	14.933	7.4	ng	157726	6	15.533	423932	20.0
Benzo[e]pyrene	15.210	7.1	ng	149657	6	15.533	423932	20.0
Dinaphtho[1,2-b...	15.298	3.4	ng	72330	6	15.533	423932	20.0
Benzo[j]fluoran...	15.410	27.4	ng	581253	6	15.533	423932	20.0
Eicosane	15.963	6.4	ng	135969	6	15.533	423932	20.0
Picene	17.221	4.2	ng	88773	6	15.533	423932	20.0
Dibenzo[def,mno...	17.751	6.8	ng	144197	6	15.533	423932	20.0
unknown18.162	18.162	5.6	ng	119569	6	15.533	423932	20.0