LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
Data File : BF129682.D
Acq On : 09 Aug 2022 23:59
Operator : CG\JU
Sample : N3963-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RVE-208

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-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129682.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.487	539	544	547	rBV	4008508	3745134	88.01%	4.795%
2	6.498	711	716	727	rBV	3625092	3763003	88.43%	4.818%
3	6.840	770	774	777	rBV	1420293	1110832	26.10%	1.422%
4	7.410	865	871	874	rBV	2389153	2388836	56.14%	3.058%
5	8.122	988	992	995	rBV	1732374	1410278	33.14%	1.806%
6	8.834	1110	1113	1116	rVB	178798	136331	3.20%	0.175%
7	8.934	1125	1130	1133	rVB	102739	81261	1.91%	0.104%
8	9.198	1169	1175	1178	rBV	5039998	4094196	96.21%	5.242%
9	9.457	1216	1219	1224	rBV2	110926	127539	3.00%	0.163%
10	9.534	1228	1232	1235	rBV	105324	109570	2.57%	0.140%
11	9.881	1287	1291	1294	rBV	1582515	1352820	31.79%	1.732%
12	9.910	1294	1296	1299	rVB	261924	191967	4.51%	0.246%
13	10.081	1321	1325	1328	rVB2	108418	100214	2.36%	0.128%
14	10.292	1355	1361	1365	rBV2	90650	108702	2.55%	0.139%
15	10.428	1380	1384	1389	rBV2	114861	121389	2.85%	0.155%
16	10.675	1422	1426	1429	rBV	2380241	2095185	49.24%	2.682%
17	10.769	1439	1442	1452	rVB2	133846	191355	4.50%	0.245%
18	11.222	1514	1519	1522	rVV3	155907	201014	4.72%	0.257%
19	11.263	1524	1526	1531	rVB	98400	83180	1.95%	0.106%
20	11.369	1540	1544	1546	rBV	1307850	1144157	26.89%	1.465%
21	11.392	1546	1548	1552	rVV	2001803	1597675	37.55%	2.045%
22	11.445	1552	1557	1560	rVV	332101	326162	7.66%	0.418%
23	11.604	1578	1584	1588	rBV2	381771	399619	9.39%	0.512%
24	11.745	1605	1608	1611	rVB	161948	124426	2.92%	0.159%
25	11.869	1624	1629	1631	rBV	324666	295028	6.93%	0.378%
26	11.898	1631	1634	1638	rVV	509676	447886	10.53%	0.573%
27	11.945	1639	1642	1645	rVB	154185	125858	2.96%	0.161%
28	11.980	1645	1648	1651	rBV2	378514	453922	10.67%	0.581%
29	12.004	1651	1652	1657	rVB	220855	148989	3.50%	0.191%
30	12.051	1657	1660	1662	rBV	141410	117148	2.75%	0.150%
31	12.163	1676	1679	1682	rBV	168681	136066	3.20%	0.174%
32	12.316	1700	1705	1708	rBV2	88483	108121	2.54%	0.138%
33	12.345	1708	1710	1712	rVV	110809	84758	1.99%	0.109%
34	12.422	1719	1723	1725	rVV	179269	200459	4.71%	0.257%
35	12.457	1725	1729	1731	rVV4	203778	276786	6.50%	0.354%
36	12.510	1735	1738	1742	rVV3	135006	185342	4.36%	0.237%

LSC Area Percent Report

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Sample : N3963-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-208

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-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.557	1742	1746	1748	rVV4	118064	156671	3.68%	0.201%
38	12.592	1748	1752	1755	rVB	3625693	3345644	78.62%	4.283%
39	12.739	1770	1777	1779	rBV3	122341	209254	4.92%	0.268%
40	12.822	1784	1791	1794	rBV	3593678	3835225	90.13%	4.910%
41	12.863	1796	1798	1803	rVB2	229093	204200	4.80%	0.261%
42	12.957	1806	1814	1816	rBV	2879642	3012081	70.78%	3.856%
43	12.974	1816	1817	1821	rVB	332317	227719	5.35%	0.292%
44	13.033	1822	1827	1831	rBV2	314511	530733	12.47%	0.679%
45	13.069	1831	1833	1838	rBV	118699	111602	2.62%	0.143%
46	13.145	1838	1846	1849	rBV	918493	1369091	32.17%	1.753%
47	13.210	1854	1857	1860	rBV	553461	470686	11.06%	0.603%
48	13.251	1860	1864	1866	rVV2	505264	569923	13.39%	0.730%
49	13.274	1866	1868	1871	rVV2	138121	138828	3.26%	0.178%
50	13.304	1871	1873	1876	rVB	116644	89310	2.10%	0.114%
51	13.345	1876	1880	1882	rBV	392883	385046	9.05%	0.493%
52	13.374	1882	1885	1888	rVV	433008	432614	10.17%	0.554%
53	13.545	1910	1914	1915	rVV4	131614	192076	4.51%	0.246%
54	13.569	1915	1918	1921	rVV2	340381	361919	8.51%	0.463%
55	13.633	1925	1929	1931	rBV2	180633	254518	5.98%	0.326%
56	13.657	1931	1933	1937	rVB	446467	397005	9.33%	0.508%
57	13.763	1946	1951	1954	rBV2	468894	572952	13.46%	0.734%
58	13.792	1954	1956	1958	rVV	470425	382441	8.99%	0.490%
59	13.833	1958	1963	1966	rVV4	399792	741106	17.42%	0.949%
60	13.869	1966	1969	1975	rVB	508337	604411	14.20%	0.774%
61	13.933	1976	1980	1983	rBV	142730	170793	4.01%	0.219%
62	14.016	1986	1994	1997	rVV2	2607715	4255326	100.00%	5.448%
63	14.051	1997	2000	2003	rVV	3116595	2810947	66.06%	3.599%
64	14.110	2006	2010	2015	rVV2	499340	729969	17.15%	0.935%
65	14.157	2015	2018	2020	rVV3	98324	124775	2.93%	0.160%
66	14.186	2021	2023	2026	rVV4	149579	215144	5.06%	0.275%
67	14.216	2026	2028	2030	rVV	328474	288874	6.79%	0.370%
68	14.251	2030	2034	2037	rVV2	458945	510420	11.99%	0.653%
69	14.280	2037	2039	2041	rVB3	136096	110084	2.59%	0.141%
70	14.339	2046	2049	2051	rVV2	127178	149849	3.52%	0.192%
71	14.368	2051	2054	2056	rVV2	311808	333911	7.85%	0.428%
72	14.404	2056	2060	2063	rVV	801259	1000930	23.52%	1.281%
73	14.439	2063	2066	2068	rVV	491932	488138	11.47%	0.625%
74	14.463	2068	2070	2072	rVV	263001	328274	7.71%	0.420%
75	14.504	2075	2077	2079	rVV	325695	339043	7.97%	0.434%
76	14.533	2079	2082	2083	rVV	427662	416333	9.78%	0.533%

LSC Area Percent Report

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Operator : CG\JU
Sample : N3963-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-208

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
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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.551	2083	2085	2090	rVV2	433872	502373	11.81%	0.643%
78	14.604	2090	2094	2100	rVB3	234076	355513	8.35%	0.455%
79	14.721	2111	2114	2116	rBV	199986	196541	4.62%	0.252%
80	14.792	2124	2126	2130	rBV2	92850	92416	2.17%	0.118%
81	14.904	2141	2145	2152	rBV4	258452	491889	11.56%	0.630%
82	15.074	2167	2174	2176	rBV	2352589	3734427	87.76%	4.781%
83	15.098	2176	2178	2182	rVV	1606967	1501764	35.29%	1.923%
84	15.139	2183	2185	2187	rVV2	107264	89242	2.10%	0.114%
85	15.174	2187	2191	2195	rVV	413853	419762	9.86%	0.537%
86	15.263	2202	2206	2211	rBV	163391	350232	8.23%	0.448%
87	15.374	2220	2225	2231	rVB	1440472	1925538	45.25%	2.465%
88	15.445	2231	2237	2240	rBV	1942115	2506222	58.90%	3.209%
89	15.498	2240	2246	2249	rBV	603182	837517	19.68%	1.072%
90	15.533	2249	2252	2257	rVB2	587992	814878	19.15%	1.043%
91	15.680	2271	2277	2278	rBV2	202565	329138	7.73%	0.421%
92	15.915	2312	2317	2325	rVB2	332834	613136	14.41%	0.785%
93	15.980	2325	2328	2331	rBV2	89245	139616	3.28%	0.179%
94	16.062	2339	2342	2347	rBV2	98713	113325	2.66%	0.145%
95	16.786	2461	2465	2468	rBV	99884	148182	3.48%	0.190%
96	16.992	2493	2500	2507	rVB	906951	1817945	42.72%	2.327%
97	17.157	2523	2528	2533	rBV	217757	471270	11.07%	0.603%
98	17.215	2535	2538	2544	rVB2	167101	300474	7.06%	0.385%
99	17.445	2570	2577	2588	rVB	639663	1333680	31.34%	1.707%
100	17.680	2612	2617	2633	rVB2	209321	569171	13.38%	0.729%

Sum of corrected areas: 78107324

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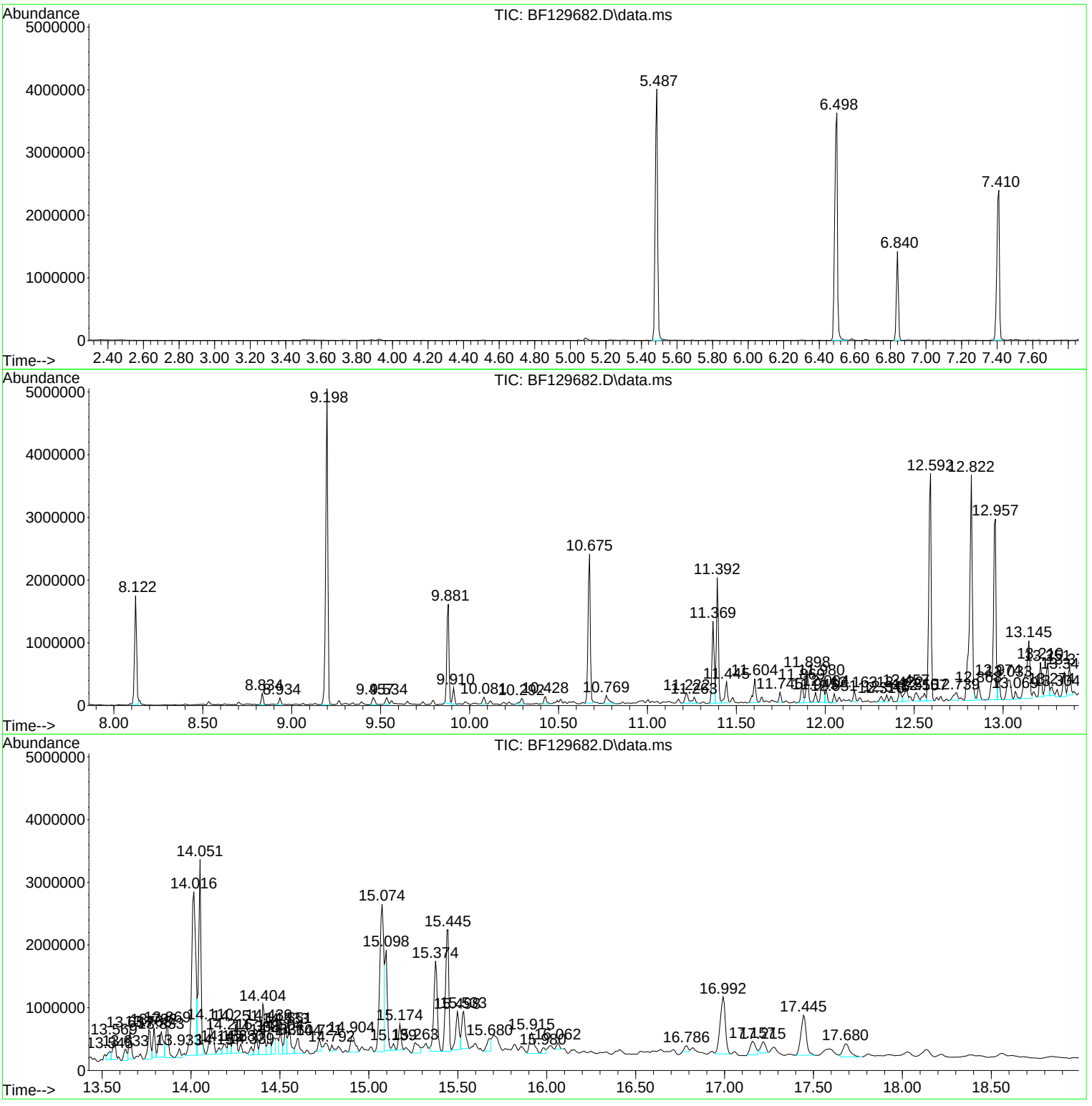
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-208

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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\BF080922\
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Instrument :
BNA_F
ClientSampleId :
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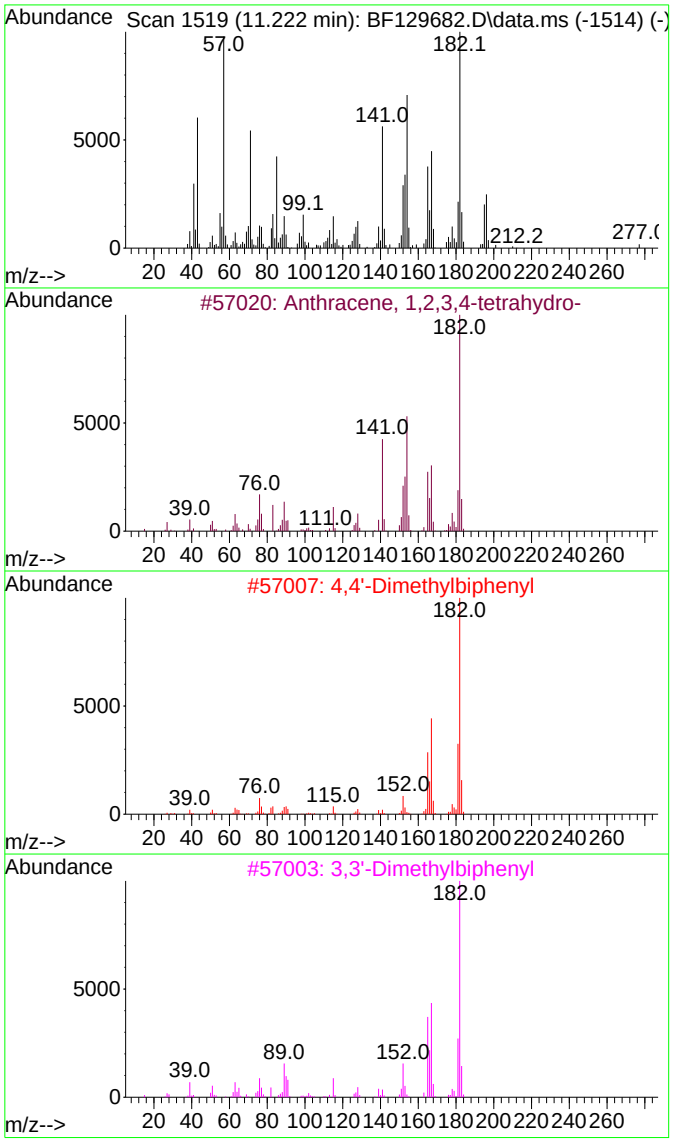
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

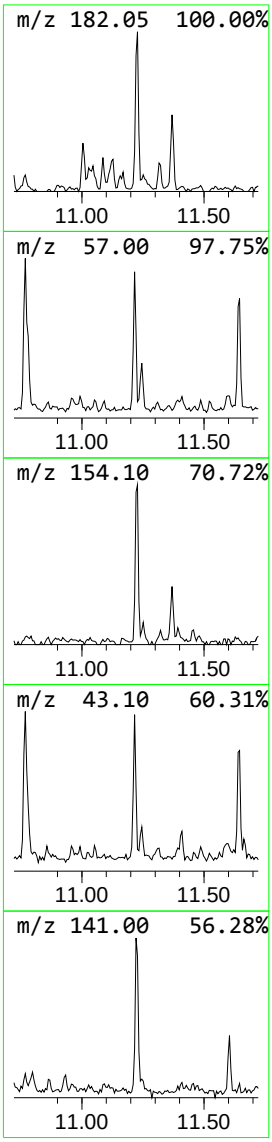
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.222	3.51 ng	201014	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	94
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	55
3	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	50
4	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	46
5	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
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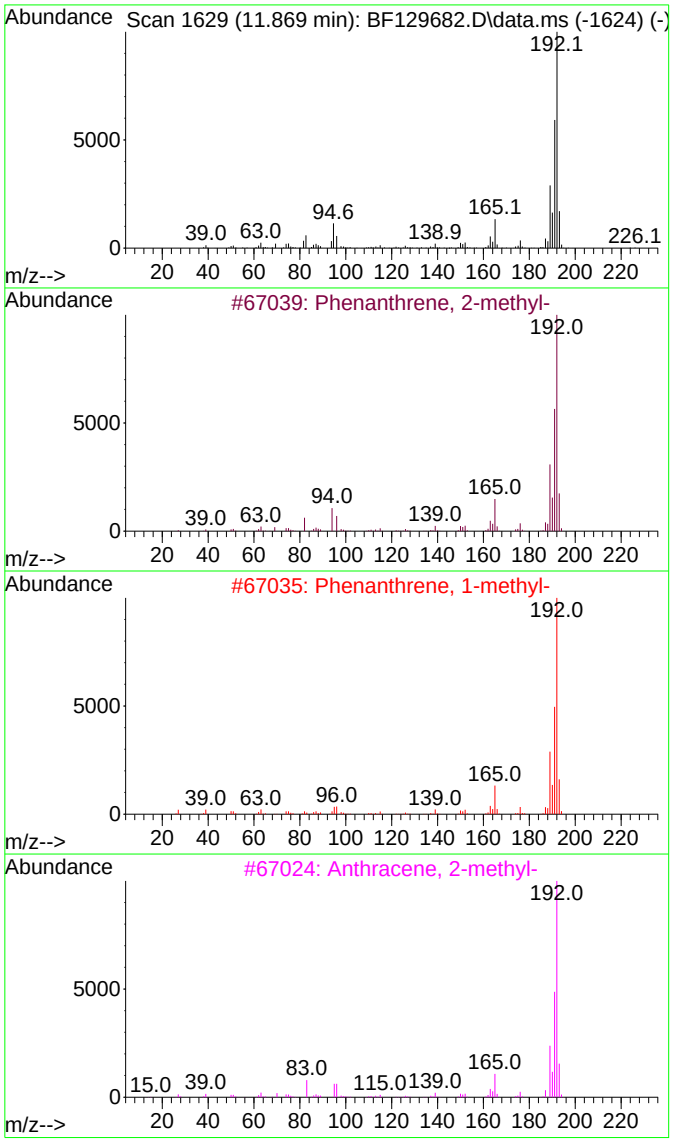
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

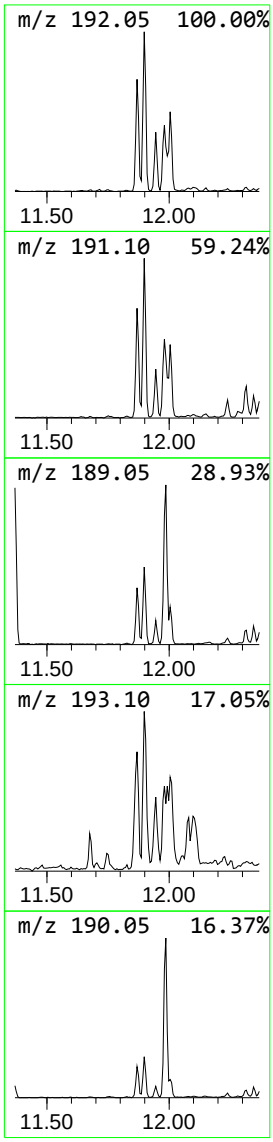
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.869	5.16 ng	295028	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
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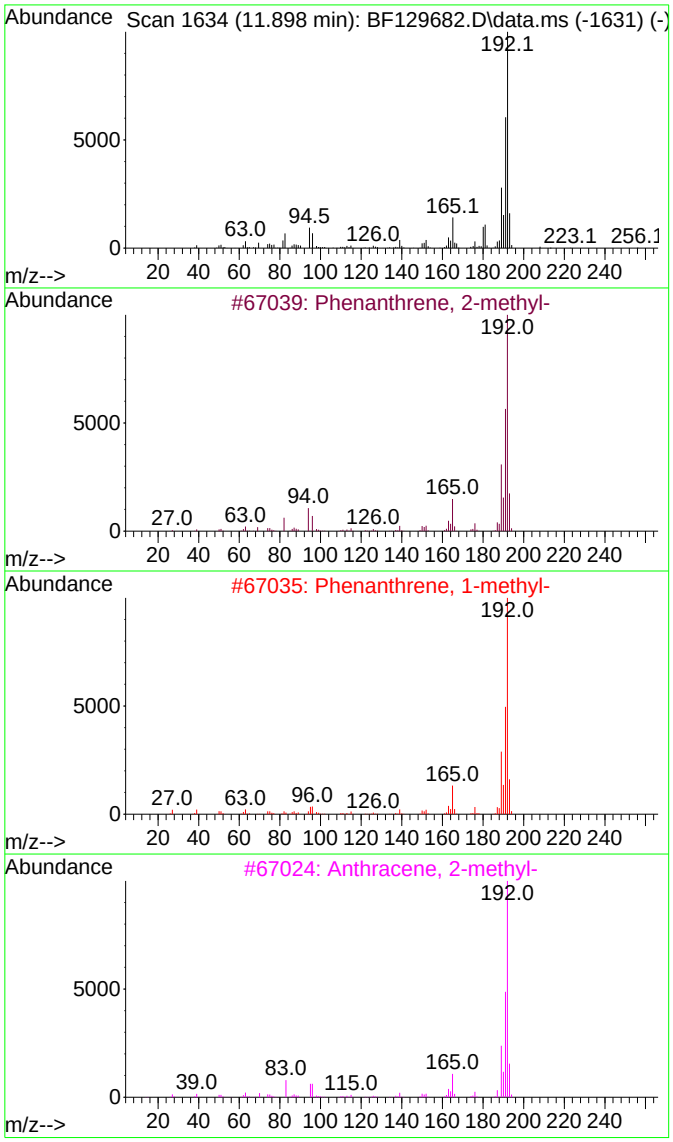
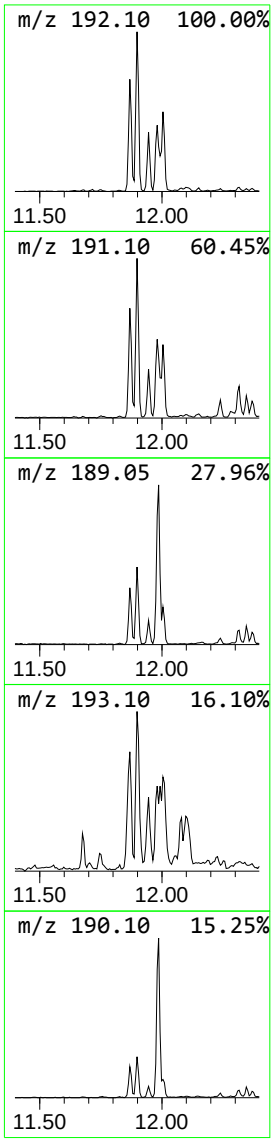
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	7.83 ng	447886	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Instrument :
BNA_F
ClientSampleId :
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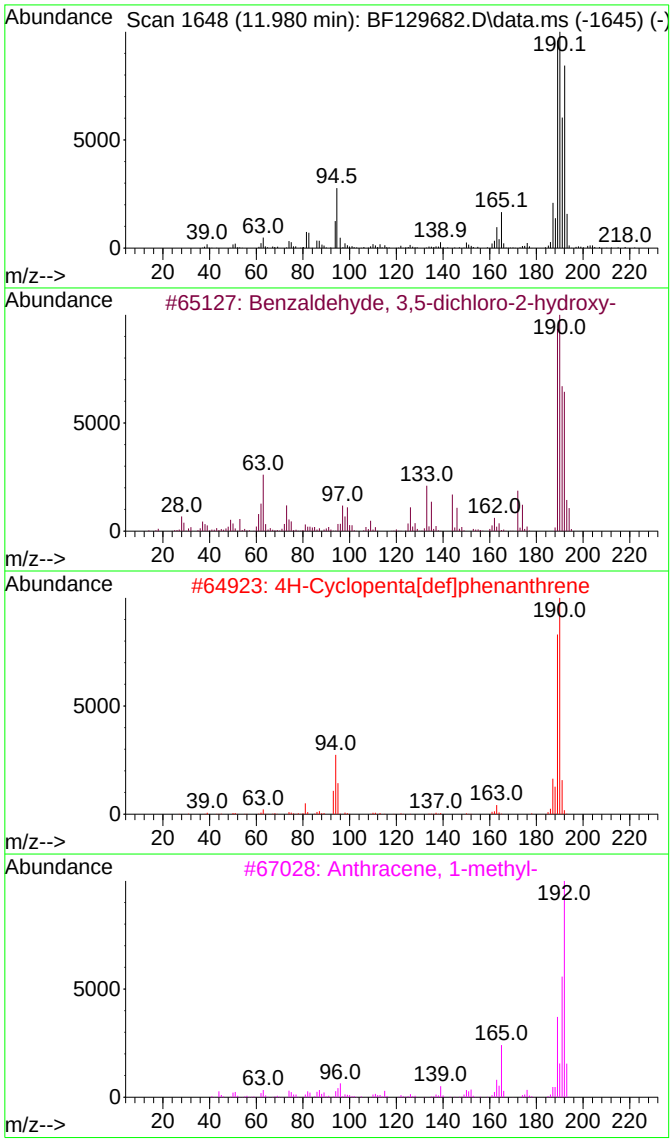
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

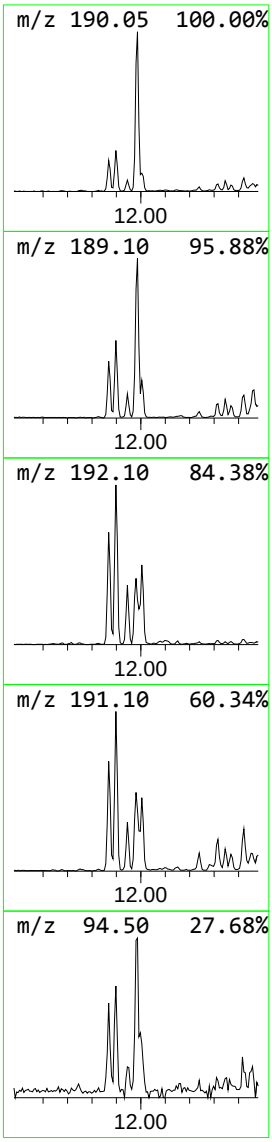
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzaldehyde, 3,5-dichloro-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	7.93 ng	453922	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
Data File : BF129682.D
Acq On : 09 Aug 2022 23:59
Operator : CG\JU
Sample : N3963-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-208

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

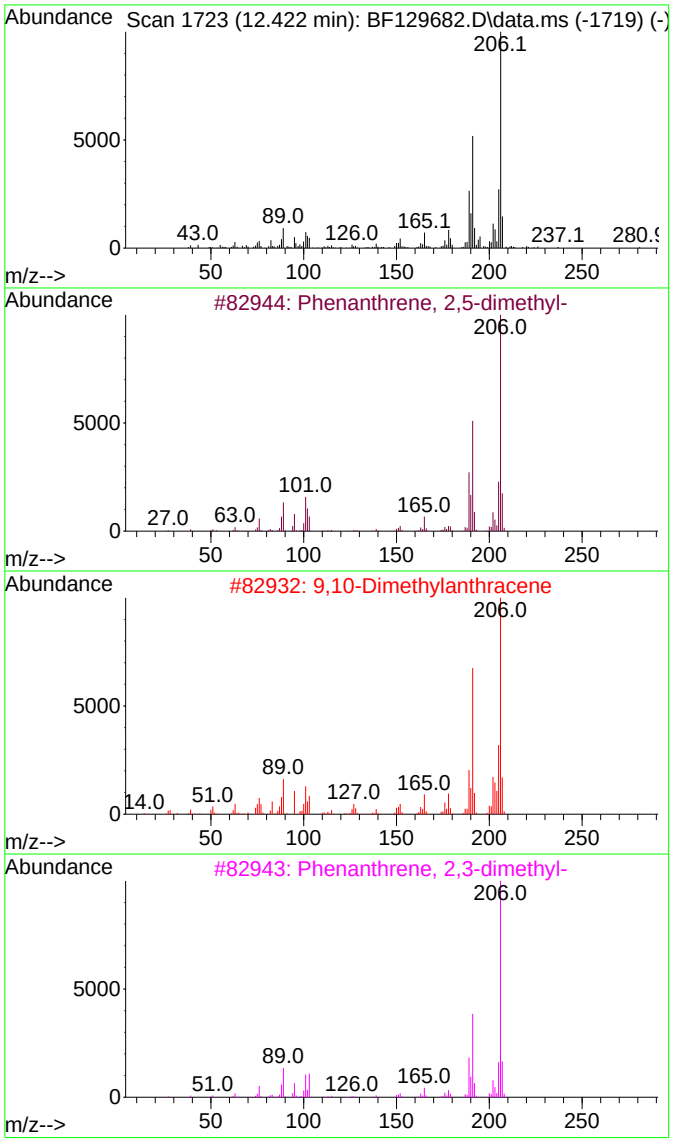
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

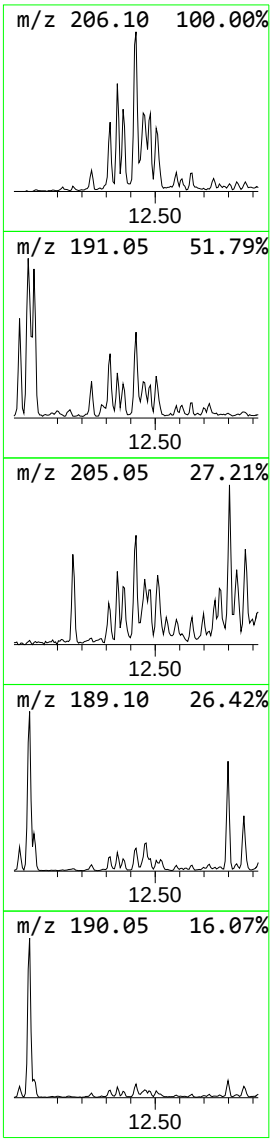
****

Peak Number 5 Phenanthrene, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.422	3.50 ng	200459	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83





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Acq On : 09 Aug 2022 23:59
Operator : CG\JU
Sample : N3963-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RVE-208

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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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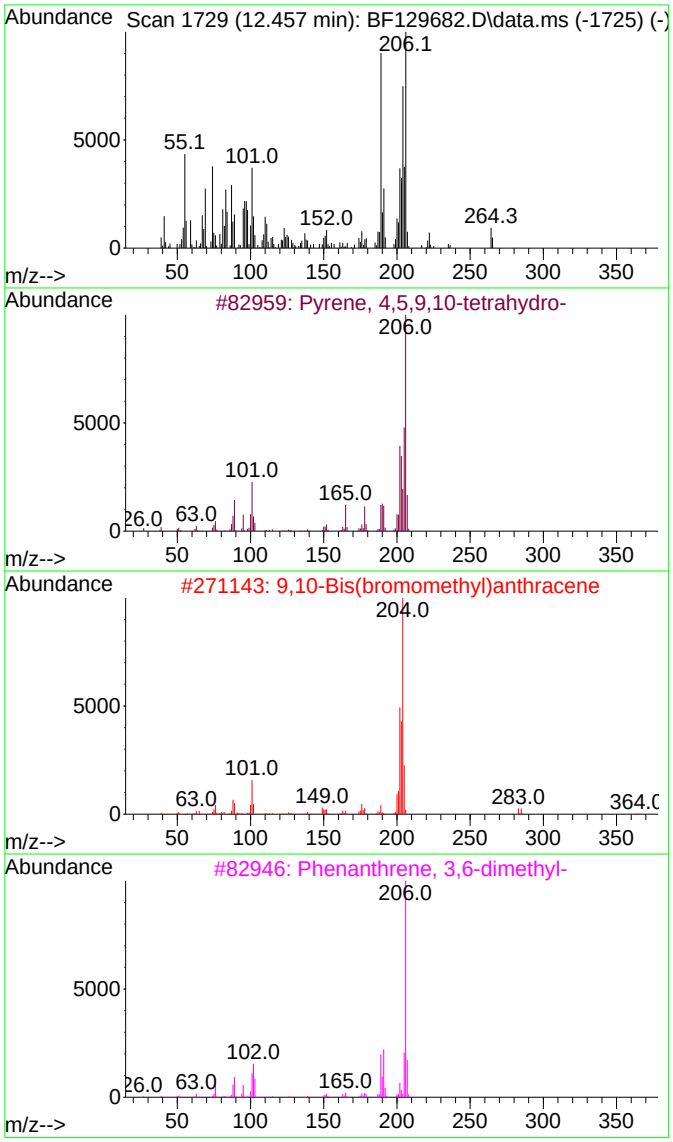
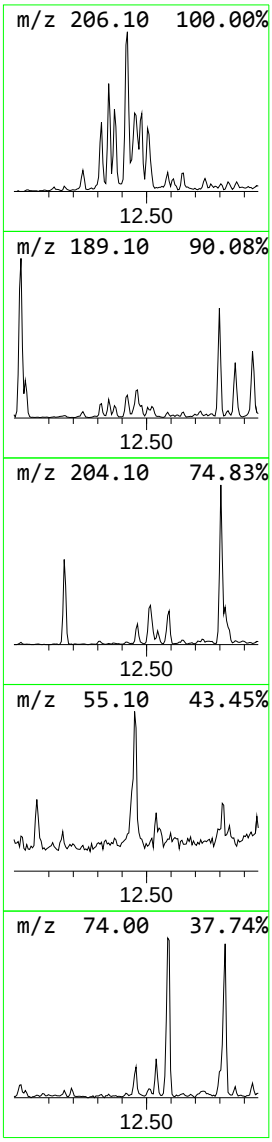
Peak Number 6 unknown12.457 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	4.84 ng	276786	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	27
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	27
4	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	25
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	22





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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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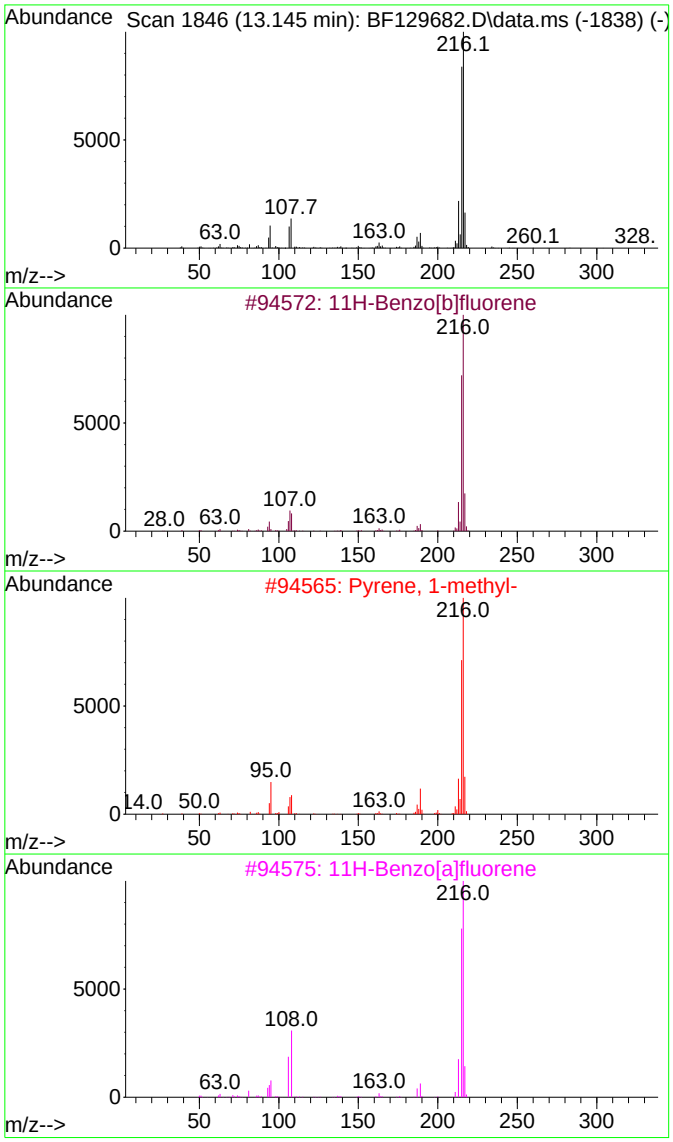
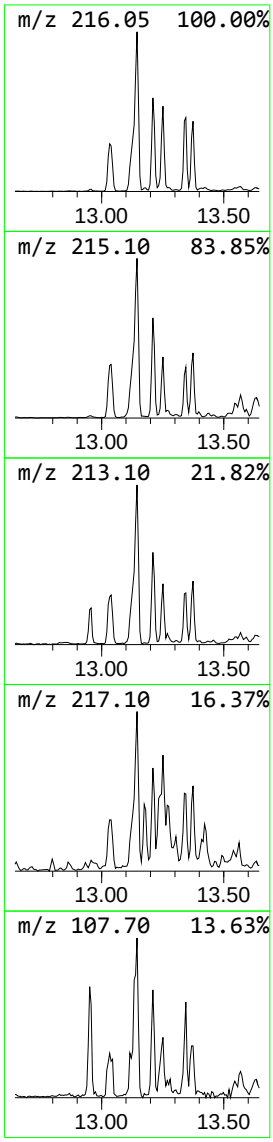
Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.145	6.43 ng	1369090	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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

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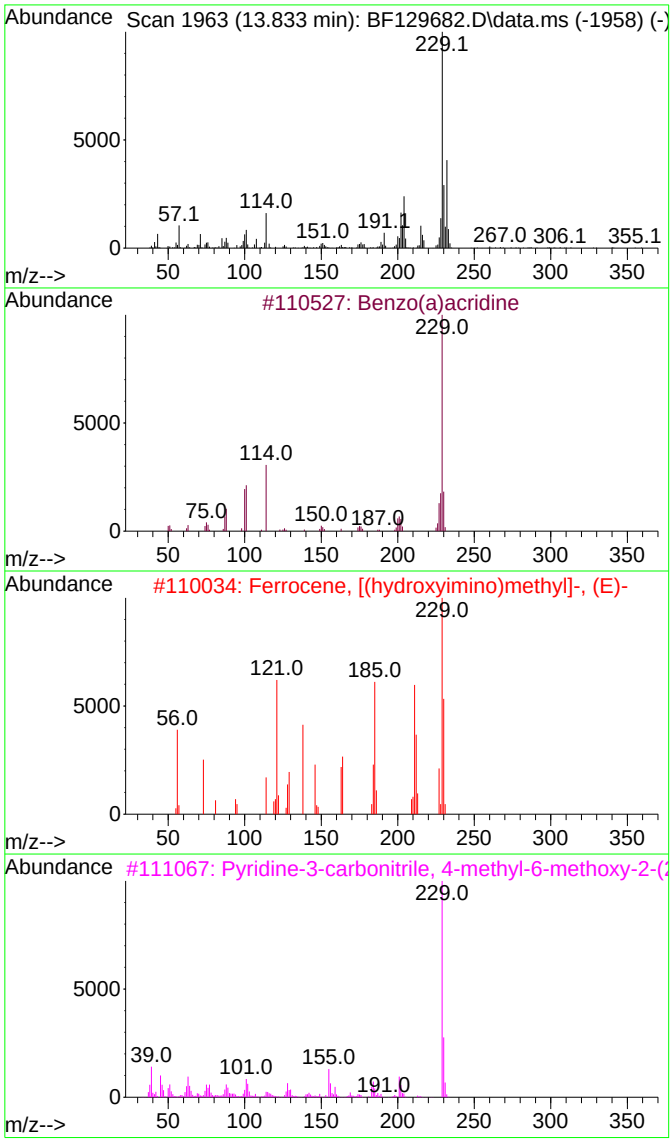
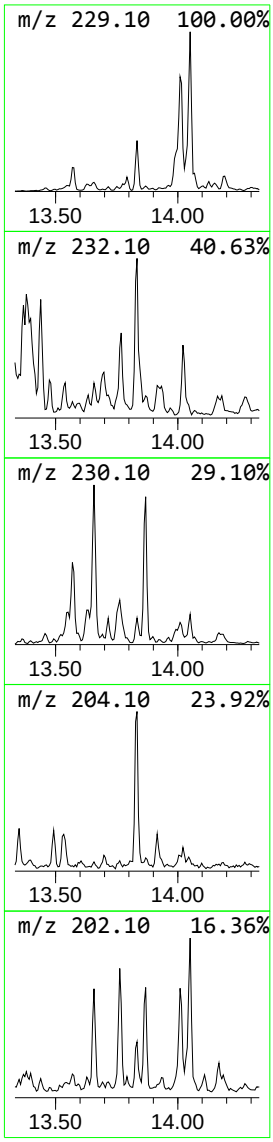
Peak Number 8 unknown13.833 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.833	3.48 ng	741106	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(a)acridine	229	C17H11N	000225-11-6	45
2	Ferrocene, [(hydroxyimino)methyl...	229	C11H11FeNO	032679-07-5	38
3	Pyridine-3-carbonitrile, 4-methy...	230	C12H10N2OS	1000264-04-1	38
4	6,7-Methylenedioxy-thieno(2,3-b)...	229	C12H7NO2S	062638-09-9	37
5	5H-Dibenz[b,f]azepine, 3-chloro-...	229	C14H12ClN	032943-25-2	37





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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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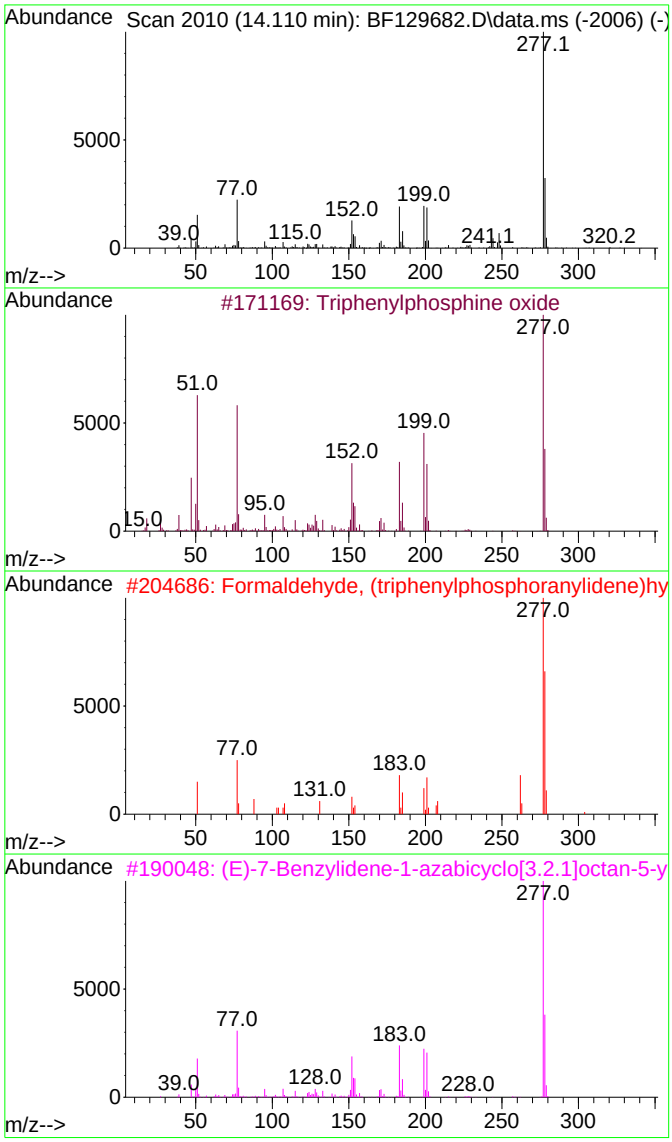
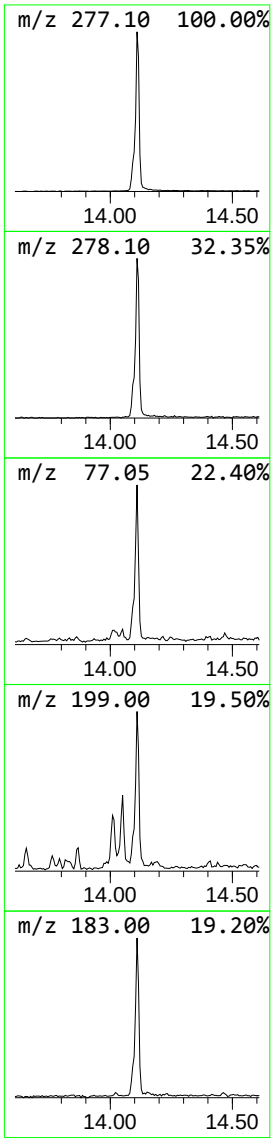
Peak Number 9 Triphenylphosphine oxide Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.110	3.43 ng	729969	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	91
2	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	59
3	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	46
4	5-quinolinol, 8-[2-(3,5-dimethyl...	277	C17H15N3O	1000397-10-2	37
5	Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	35





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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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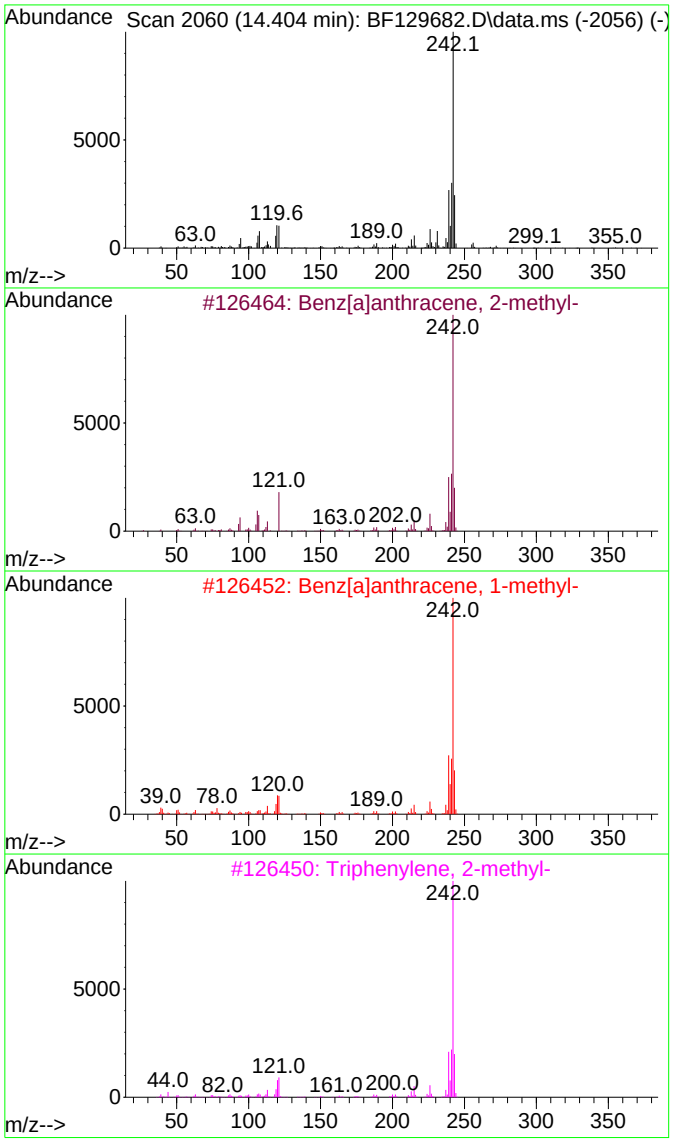
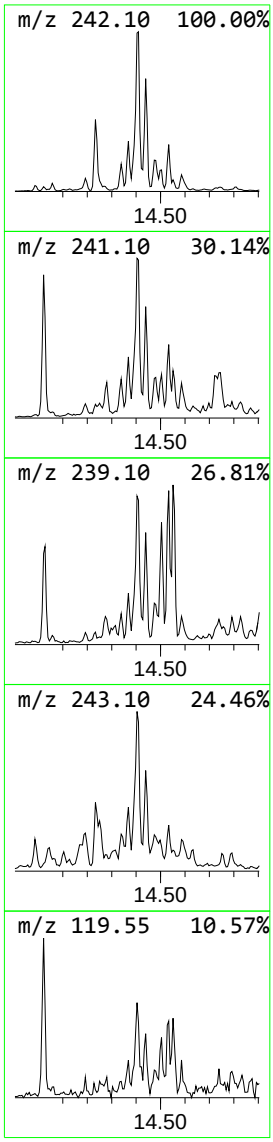
Peak Number 10 Benz[a]anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.404	4.70 ng	1000930	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	97
2	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	97
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	97
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	96
5	2-Methylchrysene	242	C19H14	003351-32-4	96





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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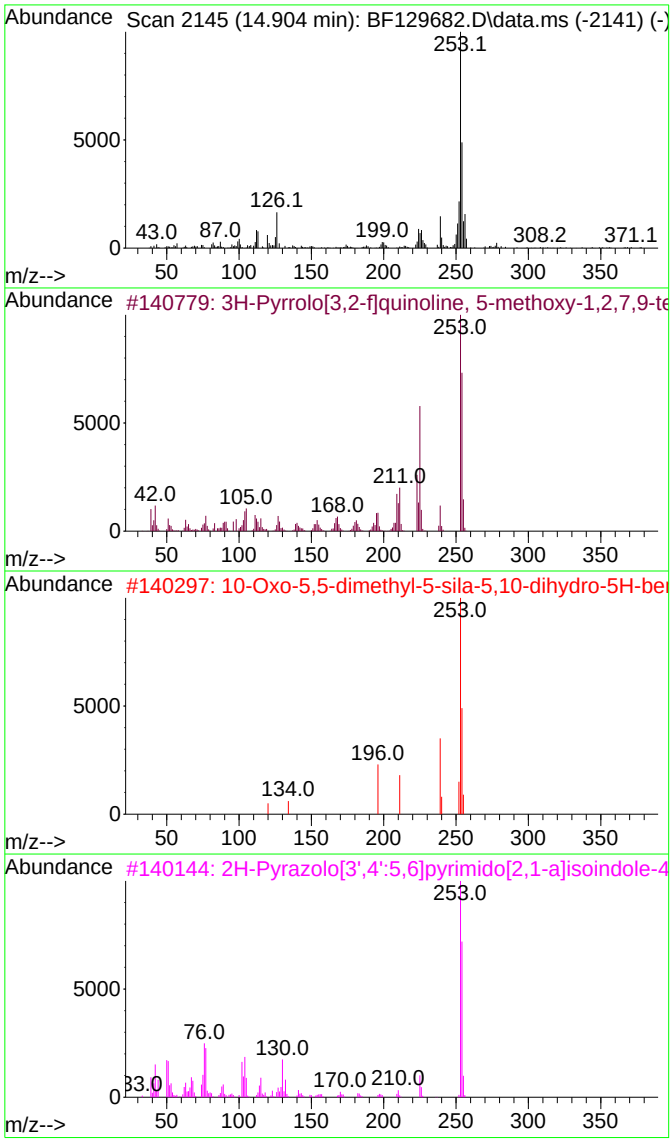
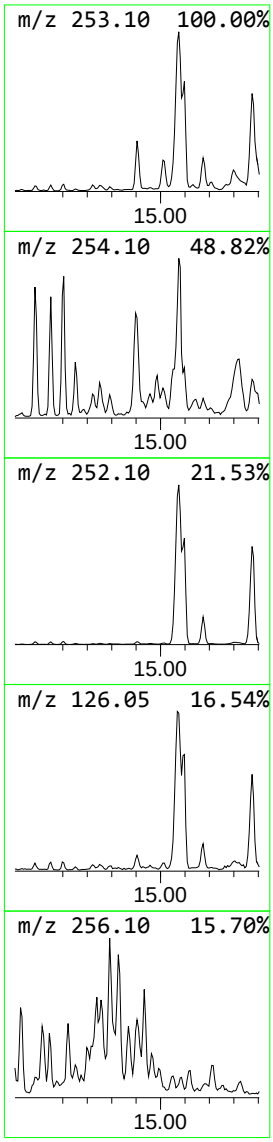
Peak Number 11 3H-Pyrrolo[3,2-f]quinoline,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.904	11.75 ng	491889	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-Pyrrolo[3,2-f]quinoline, 5-me...	254	C16H18N2O	1000350-44-1	64
2	10-Oxo-5,5-dimethyl-5-sila-5,10-...	254	C14H14N2OSi	089052-45-9	64
3	2H-Pyrazolo[3',4':5,6]pyrimido[2...	254	C13H10N4O2	1000318-77-9	50
4	5,12-ethanonaphthacene-6-carboni...	281	C21H15N	1000397-19-0	50
5	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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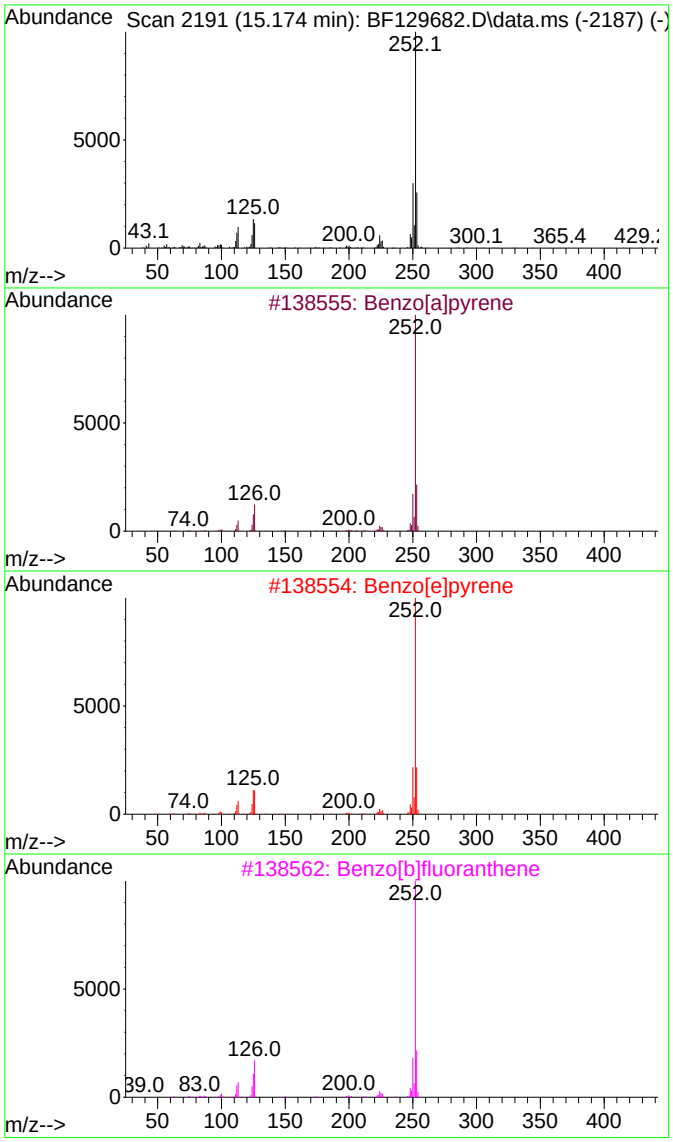
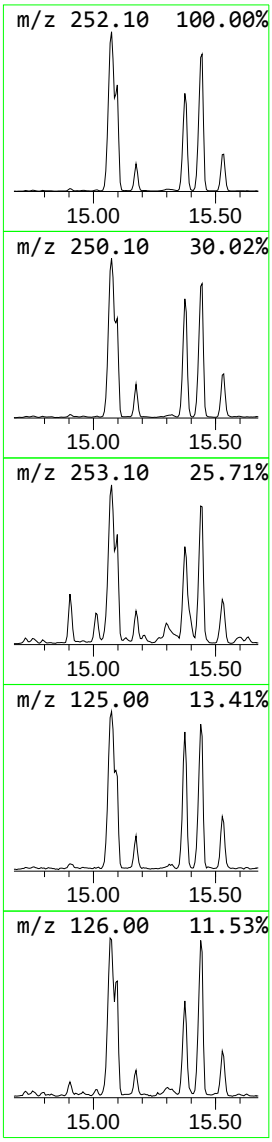
Peak Number 12 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.174	10.02 ng	419762	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	91
2	Benzo[e]pyrene	252	C20H12	000192-97-2	91
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	86





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ALS Vial : 16 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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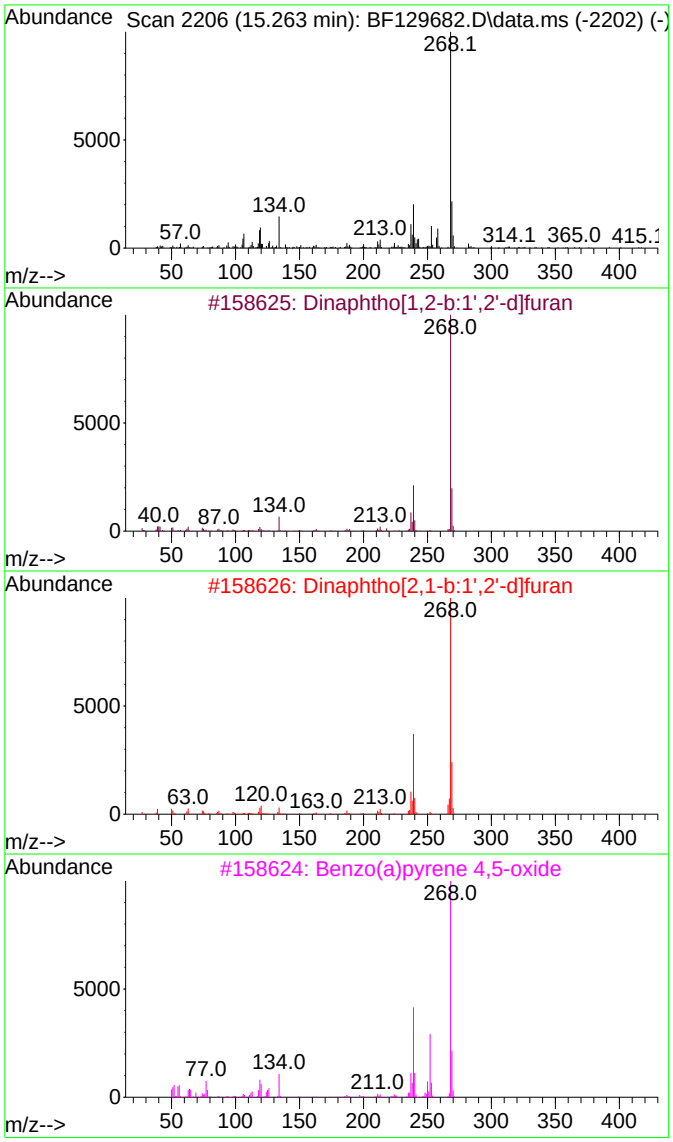
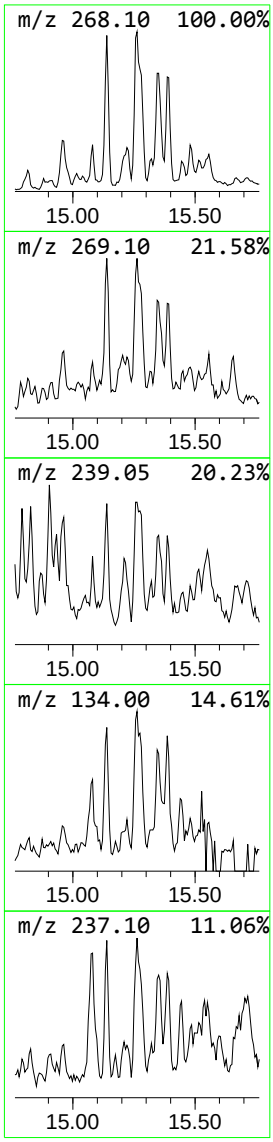
Peak Number 13 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.262	8.36 ng	350232	Perylene-d12	15.498

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	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	80
3	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	74
4	Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	64
5	4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	59





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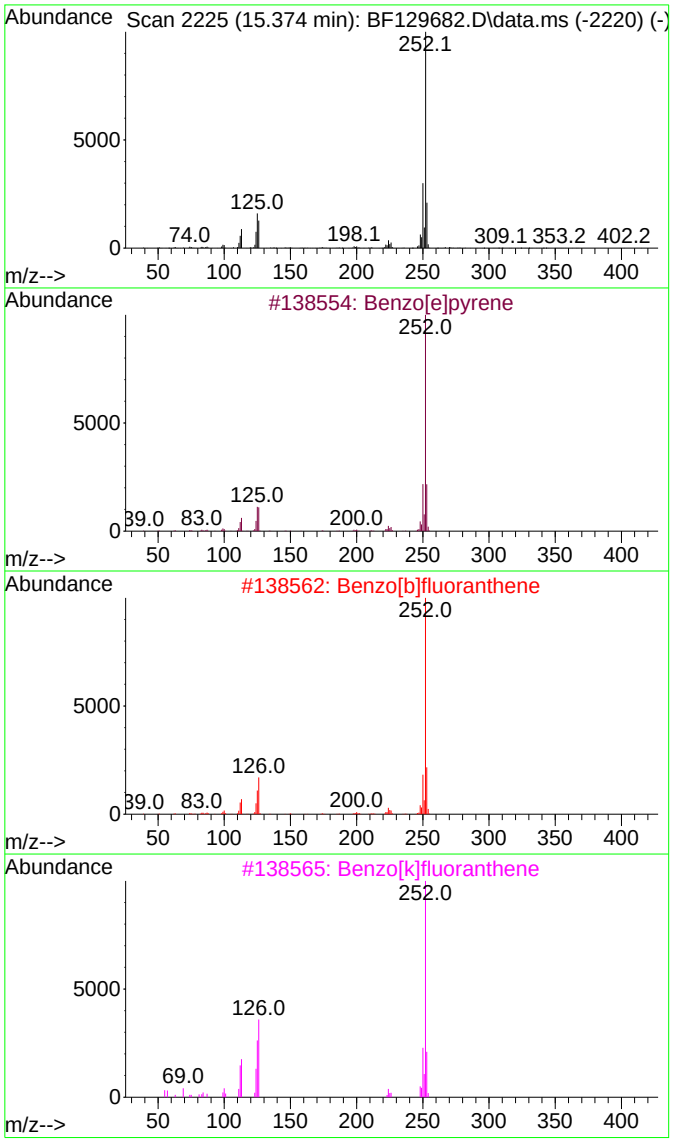
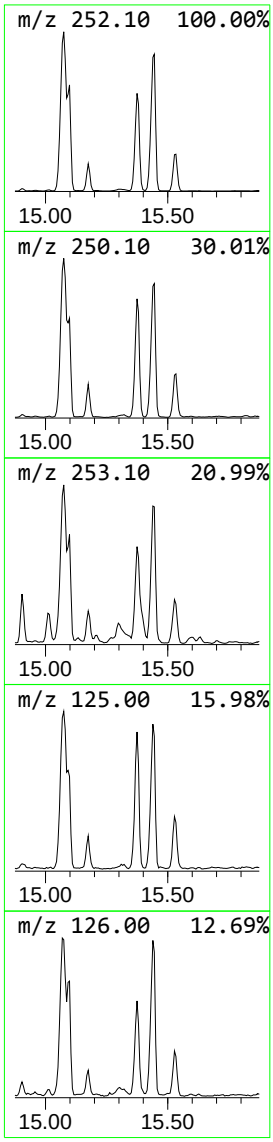
Peak Number 14 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.374	45.98 ng	1925540	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





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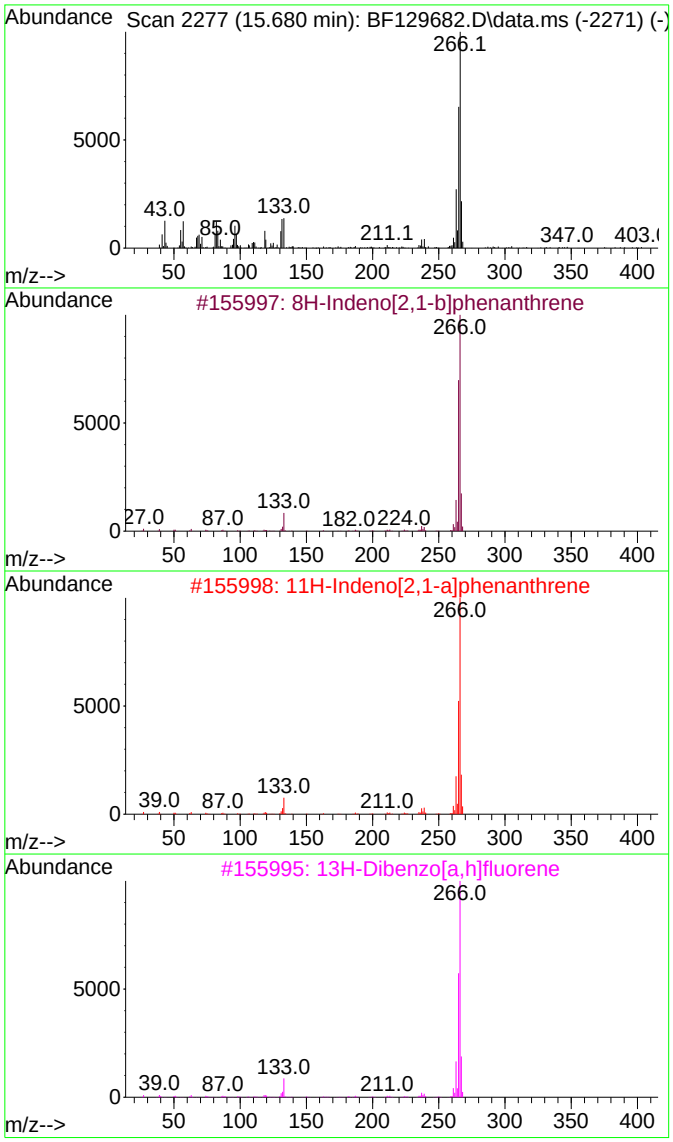
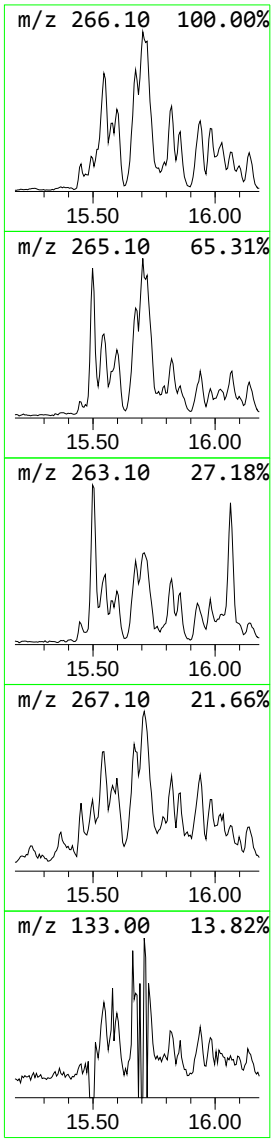
Peak Number 15 8H-Indeno[2,1-b]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.680	7.86 ng	329138	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	90
2	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	89
3	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	76
4	4H-1-Benzopyran-4-one, 3-hydroxy...	266	C17H14O3	078396-37-9	59
5	Furazano[3,4-g]benzimidazole, 7-...	266	C14H10N4S	129485-61-6	53





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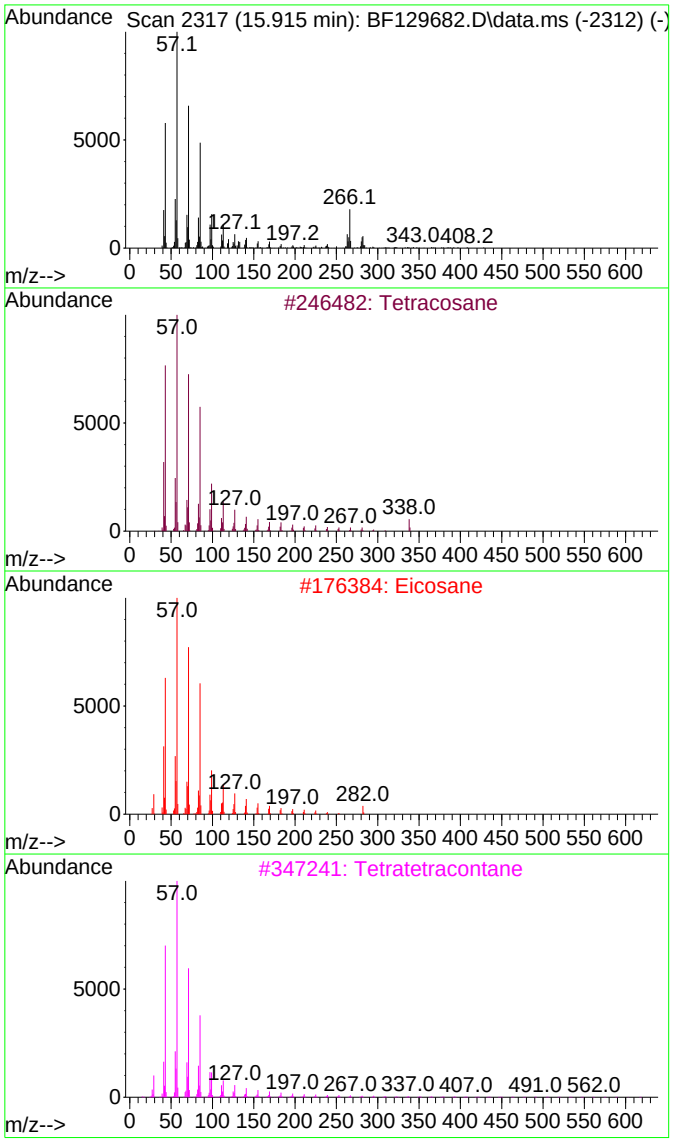
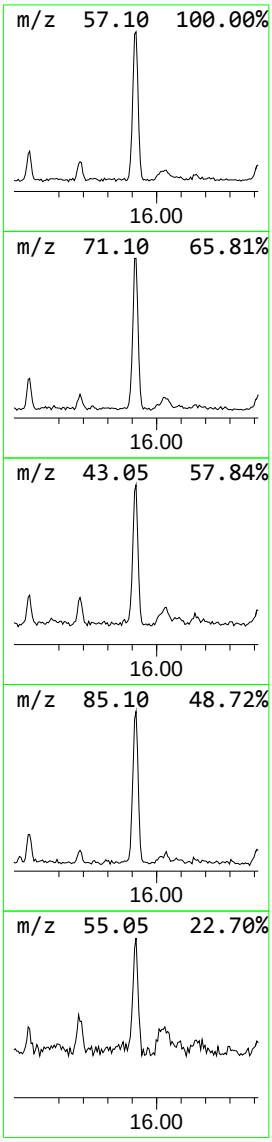
Peak Number 16 Tetracosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.915	14.64 ng	613136	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Eicosane	282	C20H42	000112-95-8	90
3	Tetratetracontane	619	C44H90	007098-22-8	76
4	Heneicosane	296	C21H44	000629-94-7	76
5	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
Data File : BF129682.D
Acq On : 09 Aug 2022 23:59
Operator : CG\JU
Sample : N3963-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-208

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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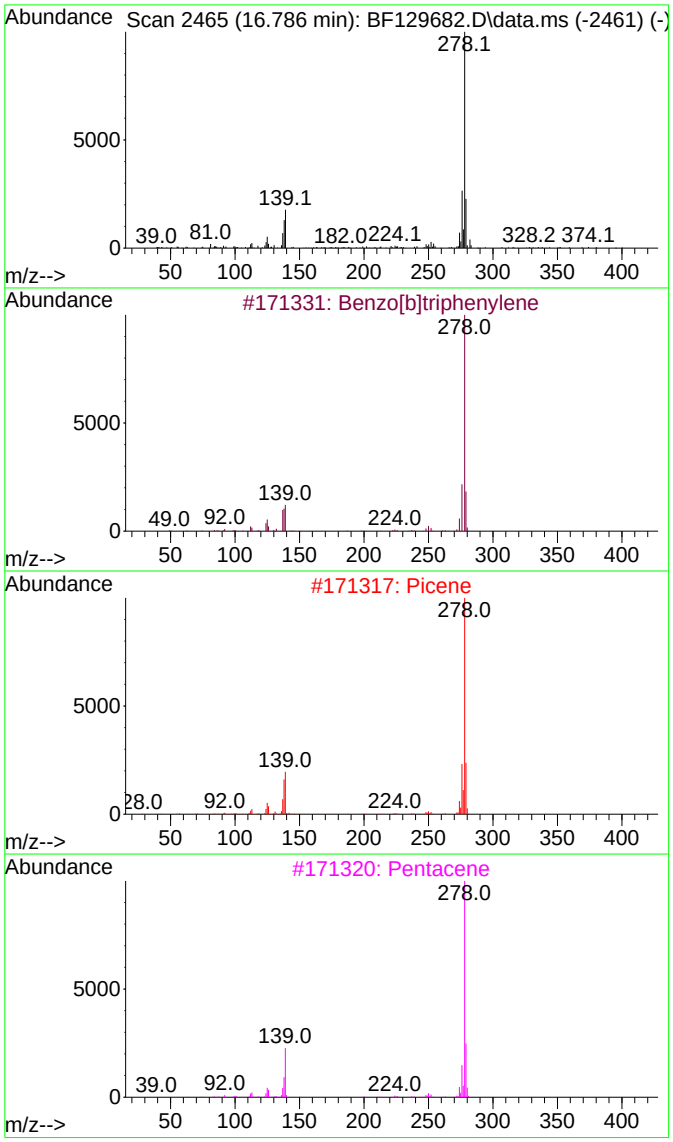
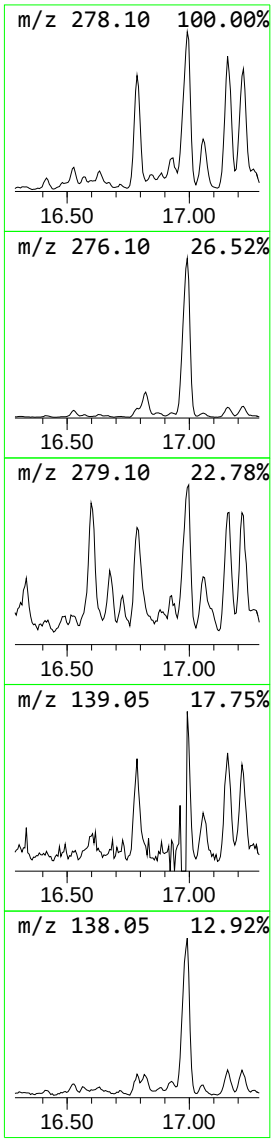
Peak Number 17 Benzo[b]triphenylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.786	3.54 ng	148182	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	95
2	Picene	278	C22H14	000213-46-7	93
3	Pentacene	278	C22H14	000135-48-8	93
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	93
5	Benzo[a]naphthacene	278	C22H14	000226-88-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
Data File : BF129682.D
Acq On : 09 Aug 2022 23:59
Operator : CG\JU
Sample : N3963-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-208

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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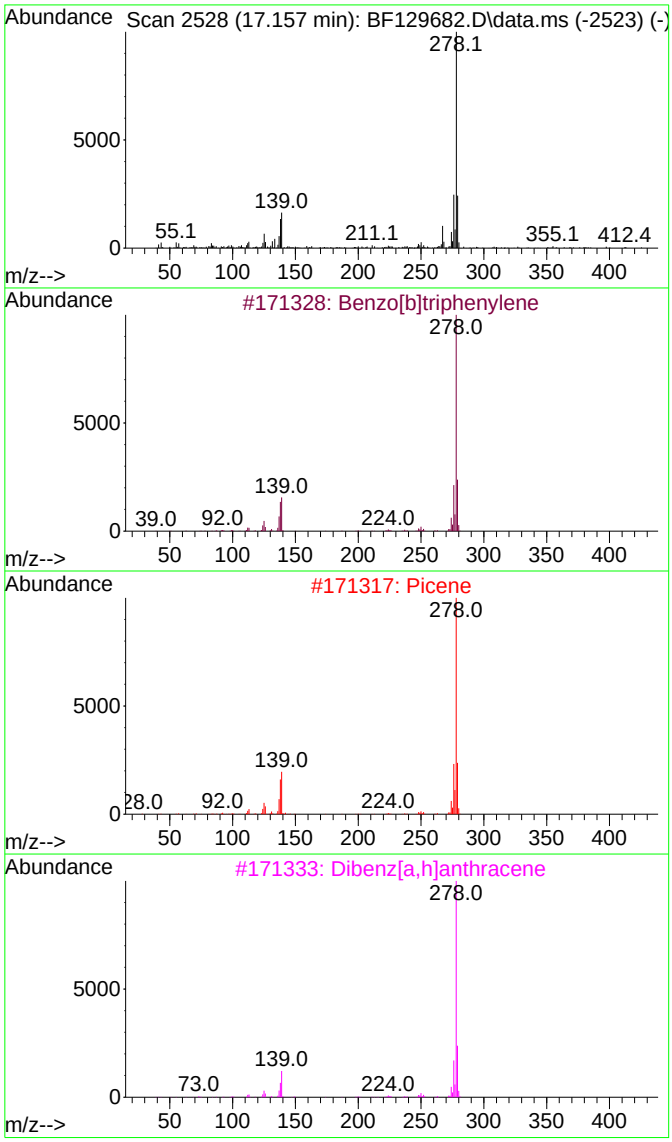
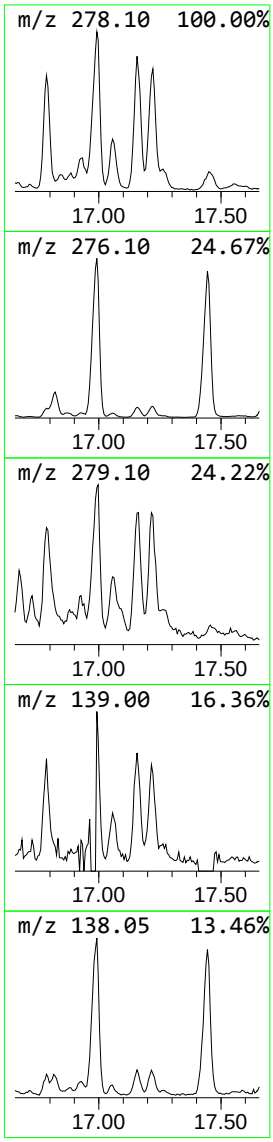
Peak Number 18 Picene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.157	11.25 ng	471270	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
2	Picene	278	C22H14	000213-46-7	98
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
4	Benzo[b]chrysene	278	C22H14	000214-17-5	97
5	Pentaphene	278	C22H14	000222-93-5	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
Data File : BF129682.D
Acq On : 09 Aug 2022 23:59
Operator : CG\JU
Sample : N3963-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-208

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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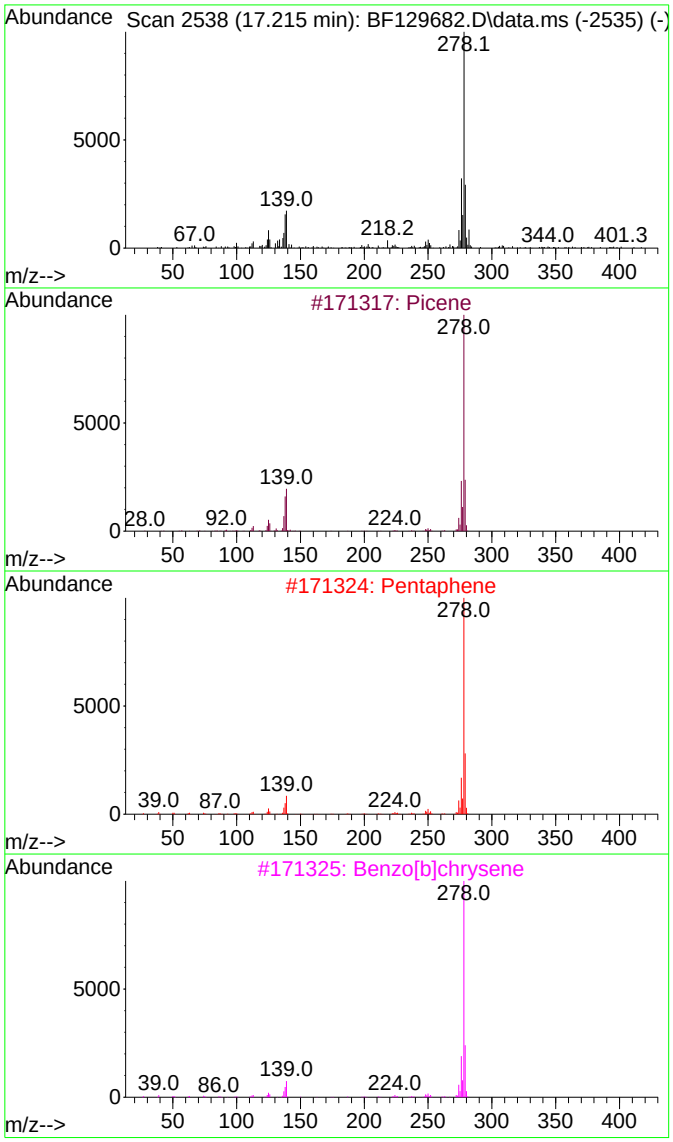
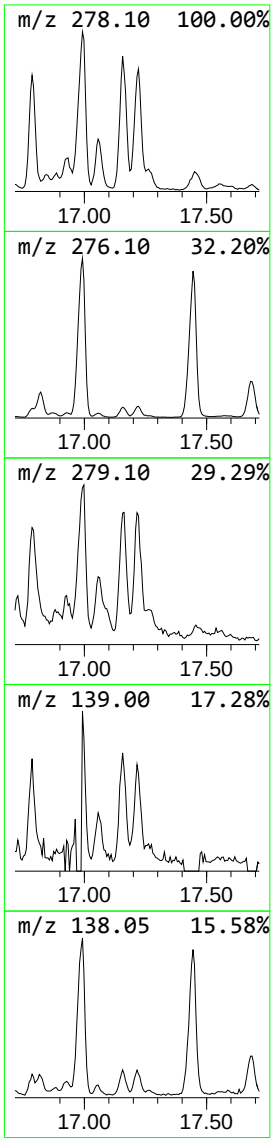
Peak Number 19 Pentaphene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.215	7.18 ng	300474	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	95
2	Pentaphene	278	C22H14	000222-93-5	95
3	Benzo[b]chrysene	278	C22H14	000214-17-5	93
4	Benzo[b]triphenylene	278	C22H14	000215-58-7	93
5	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
Data File : BF129682.D
Acq On : 09 Aug 2022 23:59
Operator : CG\JU
Sample : N3963-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-208

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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
Anthracene, 1,2...	11.222	3.5	ng	201014	4	11.369	1144160	20.0
Phenanthrene, 2...	11.869	5.2	ng	295028	4	11.369	1144160	20.0
Phenanthrene, 1...	11.898	7.8	ng	447886	4	11.369	1144160	20.0
Benzaldehyde, 3...	11.980	7.9	ng	453922	4	11.369	1144160	20.0
Phenanthrene, 2...	12.422	3.5	ng	200459	4	11.369	1144160	20.0
unknown12.457	12.457	4.8	ng	276786	4	11.369	1144160	20.0
11H-Benzo[b]flu...	13.145	6.4	ng	1369090	5	14.021	4255330	20.0
unknown13.833	13.833	3.5	ng	741106	5	14.021	4255330	20.0
Triphenylphosph...	14.110	3.4	ng	729969	5	14.021	4255330	20.0
Benz[a]anthrace...	14.404	4.7	ng	1000930	5	14.021	4255330	20.0
3H-Pyrrolo[3,2-...	14.904	11.8	ng	491889	6	15.498	837517	20.0
Benzo[e]pyrene	15.174	10.0	ng	419762	6	15.498	837517	20.0
Dinaphtho[1,2-b...	15.262	8.4	ng	350232	6	15.498	837517	20.0
Perylene	15.374	46.0	ng	1925540	6	15.498	837517	20.0
8H-Indeno[2,1-b...	15.680	7.9	ng	329138	6	15.498	837517	20.0
Tetracosane	15.915	14.6	ng	613136	6	15.498	837517	20.0
Benzo[b]triphen...	16.786	3.5	ng	148182	6	15.498	837517	20.0
Picene	17.157	11.3	ng	471270	6	15.498	837517	20.0
Pentaphene	17.215	7.2	ng	300474	6	15.498	837517	20.0