LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128101.D
Acq On : 05 May 2022 18:25
Operator : CG\JU
Sample : N2676-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GT-05-(11-15)

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-BF042222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128101.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.534	547	552	555	rVB	2734645	2864520	25.27%	1.677%
2	5.934	612	620	623	rBV3	199226	299609	2.64%	0.175%
3	6.157	651	658	663	rBV4	318511	536273	4.73%	0.314%
4	6.439	701	706	714	rBV2	468278	713572	6.29%	0.418%
5	6.539	716	723	727	rBV	2748542	3336662	29.43%	1.953%
6	6.639	736	740	745	rBV5	247179	462540	4.08%	0.271%
7	6.681	745	747	753	rVB4	280463	329075	2.90%	0.193%
8	6.904	780	785	788	rVB2	689024	798925	7.05%	0.468%
9	6.957	788	794	797	rBV5	173737	289743	2.56%	0.170%
10	7.010	797	803	806	rBV3	330427	566705	5.00%	0.332%
11	7.045	806	809	813	rBV2	446346	475607	4.20%	0.278%
12	7.169	825	830	834	rVB4	466089	697267	6.15%	0.408%
13	7.298	848	852	854	rBV2	663116	614159	5.42%	0.360%
14	7.322	854	856	862	rVB4	341842	451321	3.98%	0.264%
15	7.375	862	865	869	rBV3	194413	283303	2.50%	0.166%
16	7.433	869	875	878	rBV4	667563	1188530	10.48%	0.696%
17	7.475	878	882	885	rVB	2114107	2106090	18.58%	1.233%
18	7.545	889	894	897	rVB3	766229	1242689	10.96%	0.728%
19	7.592	897	902	905	rBV4	357522	601365	5.30%	0.352%
20	7.645	905	911	913	rBV4	167785	340399	3.00%	0.199%
21	7.675	913	916	919	rBV3	240799	286406	2.53%	0.168%
22	7.710	919	922	928	rVB3	888540	1109793	9.79%	0.650%
23	7.781	930	934	936	rBV4	389105	559666	4.94%	0.328%
24	7.828	939	942	948	rVB5	1088844	1287394	11.36%	0.754%
25	7.928	956	959	964	rBV5	306738	570126	5.03%	0.334%
26	7.998	968	971	977	rBV4	378933	608828	5.37%	0.356%
27	8.057	977	981	983	rBV2	680269	667893	5.89%	0.391%
28	8.086	983	986	988	rBV2	337181	336162	2.97%	0.197%
29	8.192	1001	1004	1009	rVB3	835395	906612	8.00%	0.531%
30	8.239	1009	1012	1015	rVB4	802223	868166	7.66%	0.508%
31	8.269	1015	1017	1022	rBV3	587609	670606	5.92%	0.393%
32	8.363	1030	1033	1034	rBV	464276	364196	3.21%	0.213%
33	8.386	1034	1037	1040	rVB2	678642	628685	5.55%	0.368%
34	8.475	1048	1052	1056	rVB6	688549	919589	8.11%	0.538%
35	8.563	1064	1067	1071	rVB4	551807	594200	5.24%	0.348%
36	8.604	1071	1074	1076	rBV	925310	919746	8.11%	0.538%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128101.D
Acq On : 05 May 2022 18:25
Operator : CG\JU
Sample : N2676-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GT-05-(11-15)

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-BF042222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.628	1076	1078	1086	rVB7	713758	1196318	10.55%	0.700%
38	8.692	1086	1089	1091	rBV2	598569	547296	4.83%	0.320%
39	8.728	1091	1095	1097	rBV3	493503	573524	5.06%	0.336%
40	8.933	1128	1130	1132	rVB3	454093	330874	2.92%	0.194%
41	8.963	1132	1135	1138	rBV4	590194	881062	7.77%	0.516%
42	9.010	1141	1143	1145	rBV2	474415	424697	3.75%	0.249%
43	9.092	1154	1157	1160	rVB3	619372	650309	5.74%	0.381%
44	9.204	1173	1176	1178	rBV	864656	703935	6.21%	0.412%
45	9.269	1182	1187	1191	rVB	3274724	3353428	29.58%	1.963%
46	9.345	1194	1200	1204	rBV5	654195	1148241	10.13%	0.672%
47	9.416	1210	1212	1214	rVB2	387809	292347	2.58%	0.171%
48	9.527	1228	1231	1235	rBV3	267185	370448	3.27%	0.217%
49	9.657	1250	1253	1256	rBV4	1129838	1216520	10.73%	0.712%
50	9.686	1256	1258	1261	rVB4	318604	306857	2.71%	0.180%
51	9.810	1276	1279	1281	rBV2	342265	303512	2.68%	0.178%
52	9.933	1297	1300	1301	rVV2	368919	411435	3.63%	0.241%
53	9.951	1301	1303	1305	rVB	908760	651651	5.75%	0.381%
54	10.045	1316	1319	1324	rVB3	731854	715947	6.32%	0.419%
55	10.351	1367	1371	1374	rBV5	230229	310919	2.74%	0.182%
56	10.745	1433	1438	1440	rBV	2162893	2173677	19.18%	1.273%
57	10.874	1454	1460	1464	rVB4	558250	860972	7.60%	0.504%
58	10.974	1474	1477	1479	rVB	414835	328960	2.90%	0.193%
59	11.033	1484	1487	1490	rVB	660875	570303	5.03%	0.334%
60	11.192	1511	1514	1516	rBV2	462478	487962	4.30%	0.286%
61	11.216	1516	1518	1521	rVB2	1333762	1131808	9.98%	0.663%
62	11.280	1525	1529	1531	rBV3	439064	455874	4.02%	0.267%
63	11.374	1542	1545	1547	rBV2	814042	963557	8.50%	0.564%
64	11.398	1547	1549	1553	rVB	1559364	1465274	12.93%	0.858%
65	11.445	1553	1557	1559	rBV	961609	910032	8.03%	0.533%
66	11.492	1563	1565	1568	rVB2	302873	312386	2.76%	0.183%
67	11.533	1569	1572	1574	rBV3	541596	570890	5.04%	0.334%
68	11.574	1574	1579	1583	rBV5	528494	1173167	10.35%	0.687%
69	11.657	1589	1593	1596	rBV3	878181	1267325	11.18%	0.742%
70	11.704	1596	1601	1604	rVV5	2832876	4503086	39.72%	2.636%
71	11.733	1604	1606	1610	rVV2	3293545	3543916	31.26%	2.075%
72	11.780	1610	1614	1617	rVV2	1255351	2327726	20.53%	1.363%
73	11.816	1617	1620	1621	rVV	919951	1082697	9.55%	0.634%
74	11.845	1621	1625	1627	rVV2	5170732	6204796	54.74%	3.632%
75	11.880	1627	1631	1634	rVV4	1313420	2511492	22.16%	1.470%
76	11.939	1637	1641	1645	rVV	4015721	5090178	44.90%	2.980%

LSC Area Percent Report

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Acq On : 05 May 2022 18:25
Operator : CG\JU
Sample : N2676-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GT-05-(11-15)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.998	1645	1651	1654	rVV	3493823	5424597	47.85%	3.176%
78	12.039	1654	1658	1662	rVV4	5309408	9193901	81.10%	5.382%
79	12.074	1662	1664	1668	rVV2	3771968	4622899	40.78%	2.706%
80	12.145	1671	1676	1682	rVV3	5479271	11335929	100.00%	6.636%
81	12.198	1682	1685	1689	rVV3	3704777	7080476	62.46%	4.145%
82	12.239	1689	1692	1698	rVV3	5356744	10367864	91.46%	6.070%
83	12.298	1698	1702	1703	rVV2	2899194	3965369	34.98%	2.321%
84	12.316	1703	1705	1712	rVV2	3870718	5369352	47.37%	3.143%
85	12.398	1713	1719	1724	rVV5	2395638	4720570	41.64%	2.764%
86	12.486	1728	1734	1738	rVV2	5282837	9328697	82.29%	5.461%
87	12.527	1738	1741	1743	rVV2	730362	880915	7.77%	0.516%
88	12.574	1744	1749	1753	rVV	2822949	3341989	29.48%	1.957%
89	12.610	1753	1755	1757	rVV2	390352	341150	3.01%	0.200%
90	12.680	1763	1767	1769	rVV2	1034321	1302458	11.49%	0.762%
91	12.698	1769	1770	1773	rVV2	1257316	873231	7.70%	0.511%
92	12.757	1777	1780	1782	rBV	1194640	1107760	9.77%	0.649%
93	12.786	1782	1785	1789	rVV4	392697	695277	6.13%	0.407%
94	12.839	1792	1794	1797	rVB3	494695	416301	3.67%	0.244%
95	13.010	1818	1823	1825	rBV	3572086	4022143	35.48%	2.355%
96	13.033	1825	1827	1829	rVV	2604515	2202510	19.43%	1.289%
97	13.051	1829	1830	1837	rVB4	348279	466117	4.11%	0.273%
98	13.168	1848	1850	1857	rVB	992183	962594	8.49%	0.564%
99	14.086	2002	2006	2009	rBV	554109	481205	4.24%	0.282%
100	15.586	2256	2261	2266	rVB	396883	489535	4.32%	0.287%

Sum of corrected areas: 170814659

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128101.D
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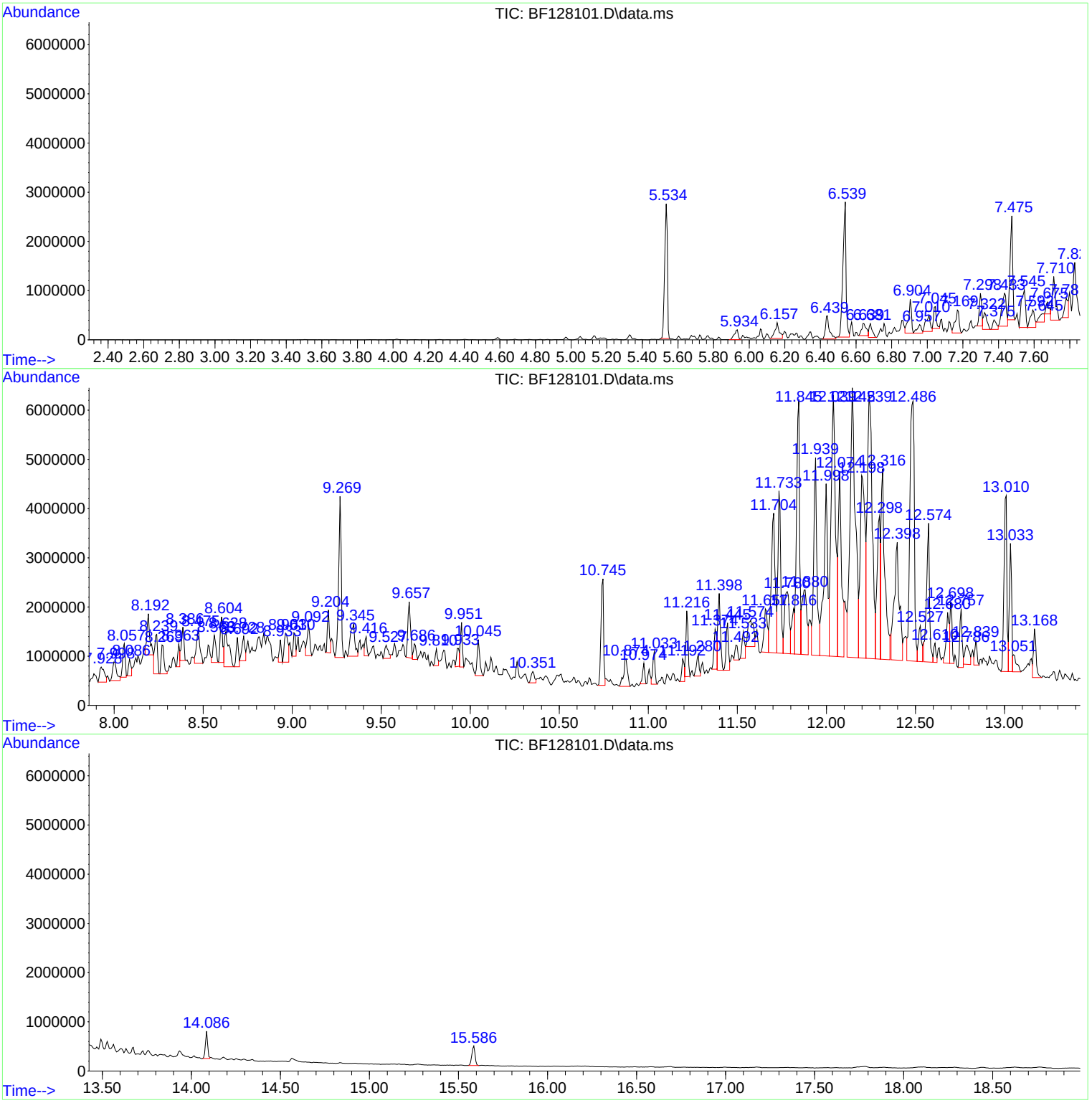
Sample : N2676-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GT-05-(11-15)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.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\BF050522\
Data File : BF128101.D
Acq On : 05 May 2022 18:25
Operator : CG\JU
Sample : N2676-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GT-05-(11-15)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.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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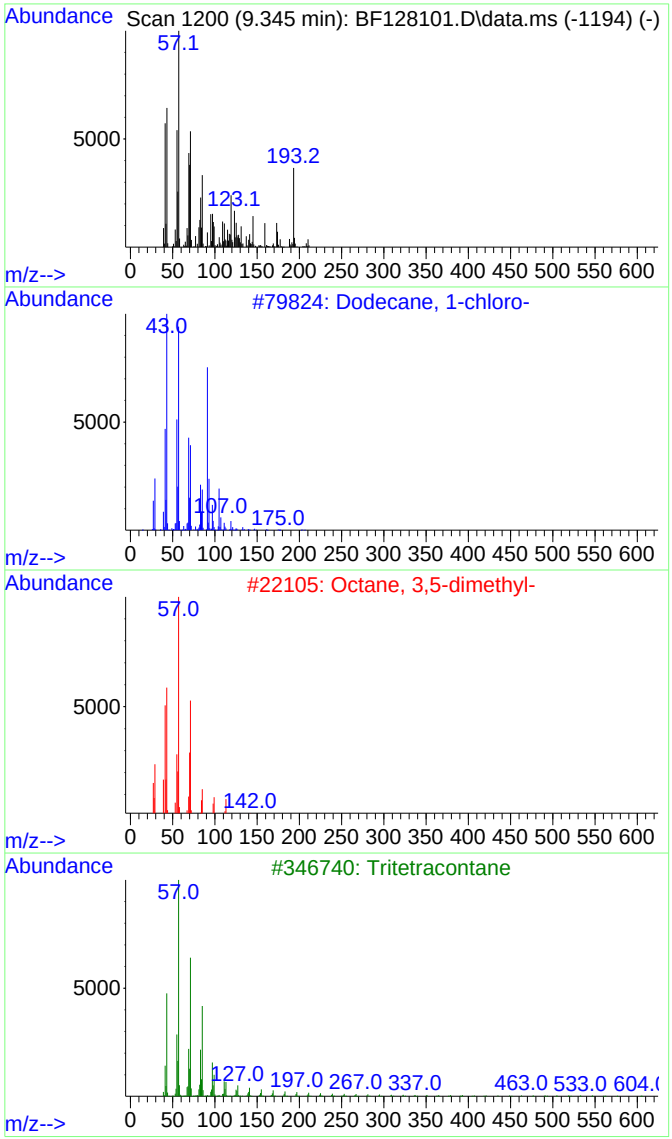
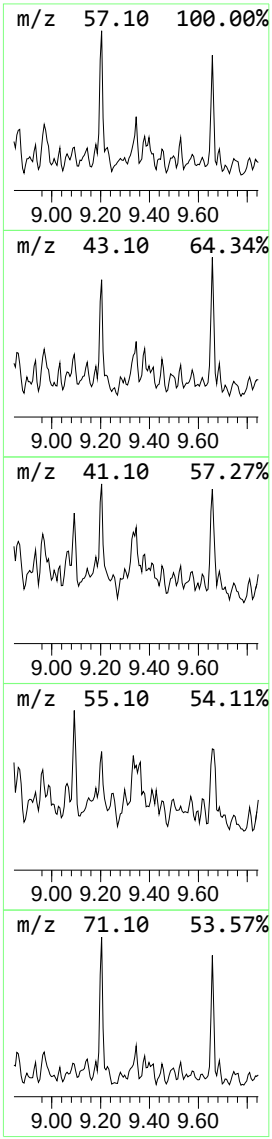
Peak Number 1 unknown9.345 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.345	35.24 ng	1148240	Acenaphthene-d10	9.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-chloro-	204	C12H25Cl	000112-52-7	38
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	38
3	Tritetracontane	605	C43H88	007098-21-7	30
4	Nonyl tetradecyl ether	340	C23H48O	1000406-37-6	30
5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128101.D
Acq On : 05 May 2022 18:25
Operator : CG\JU
Sample : N2676-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GT-05-(11-15)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

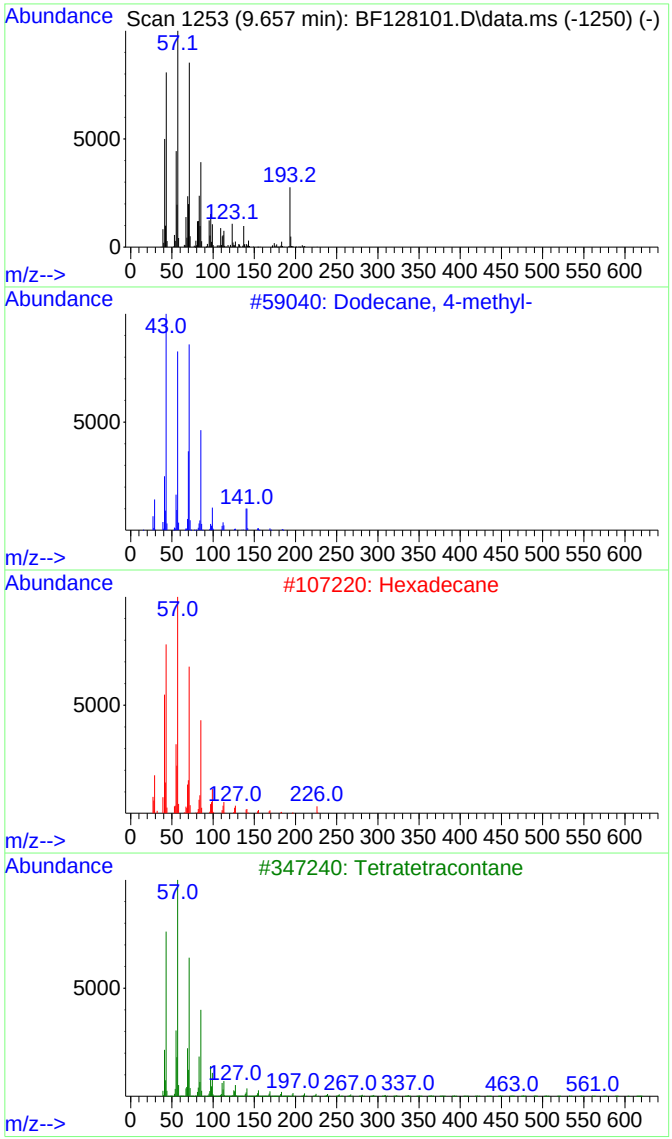
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

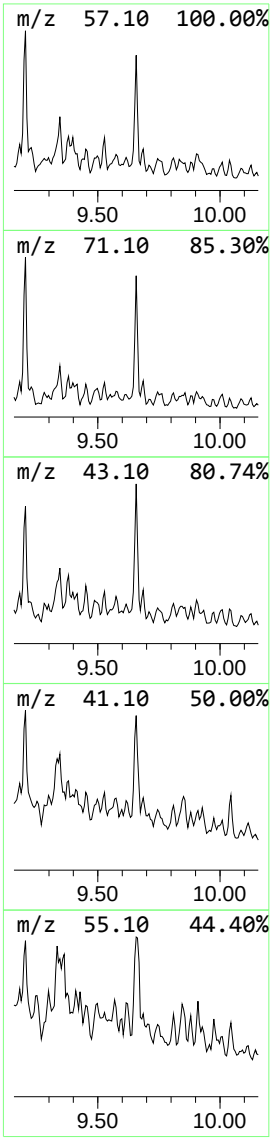
****

Peak Number 2 Dodecane, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.657	37.34 ng	1216520	Acenaphthene-d10	9.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	58
2	Hexadecane	226	C16H34	000544-76-3	58
3	Tetratetracontane	619	C44H90	007098-22-8	58
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58
5	Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128101.D
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.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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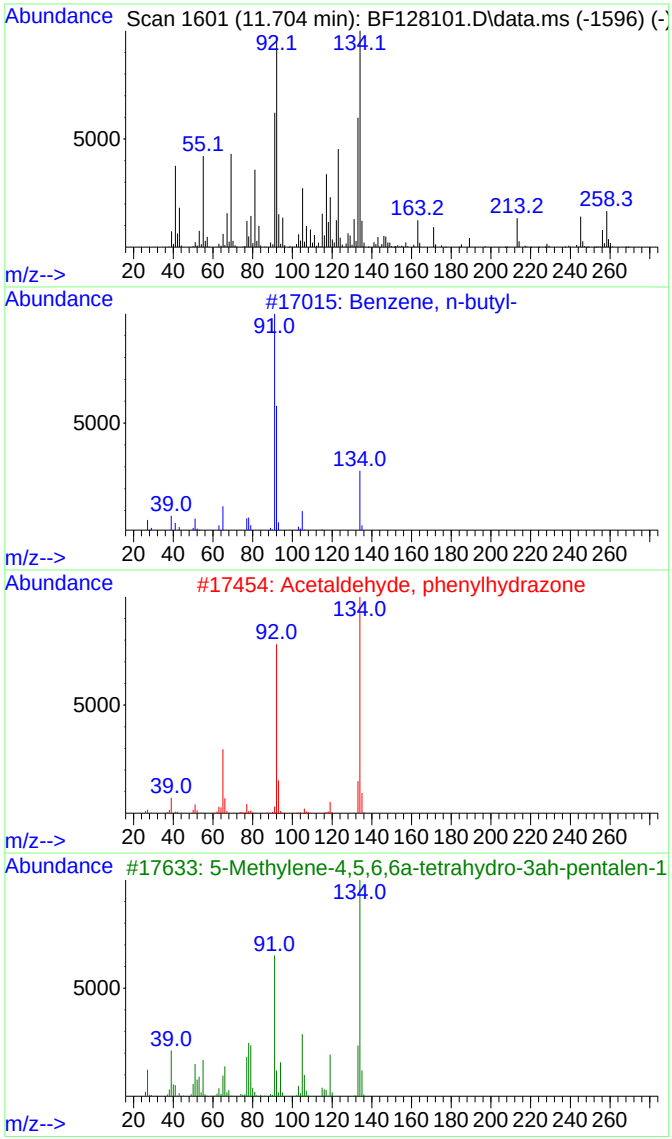
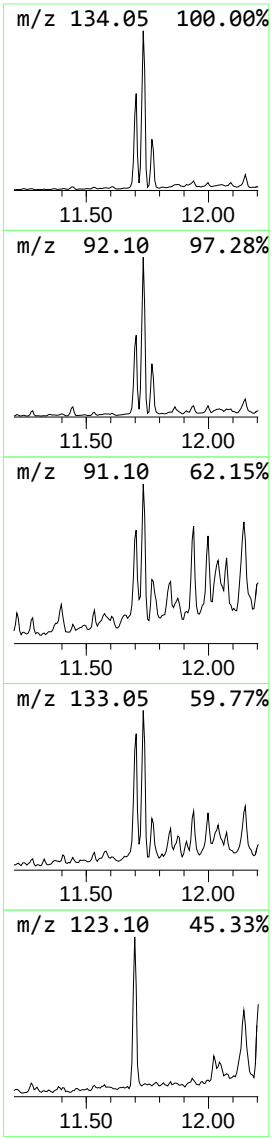
Peak Number 3 unknown11.704 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.704	98.97 ng	4503090	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, n-butyl-	134	C10H14	000104-51-8	43
2	Acetaldehyde, phenylhydrazone	134	C8H10N2	000935-07-9	43
3	5-Methylene-4,5,6,6a-tetrahydro-...	134	C9H10O	1000193-02-7	38
4	5,6,7,8-Tetrahydroquinoxaline	134	C8H10N2	034413-35-9	38
5	2H-1-Benzopyran, 3,4-dihydro-	134	C9H10O	000493-08-3	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128101.D
Acq On : 05 May 2022 18:25
Operator : CG\JU
Sample : N2676-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GT-05-(11-15)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.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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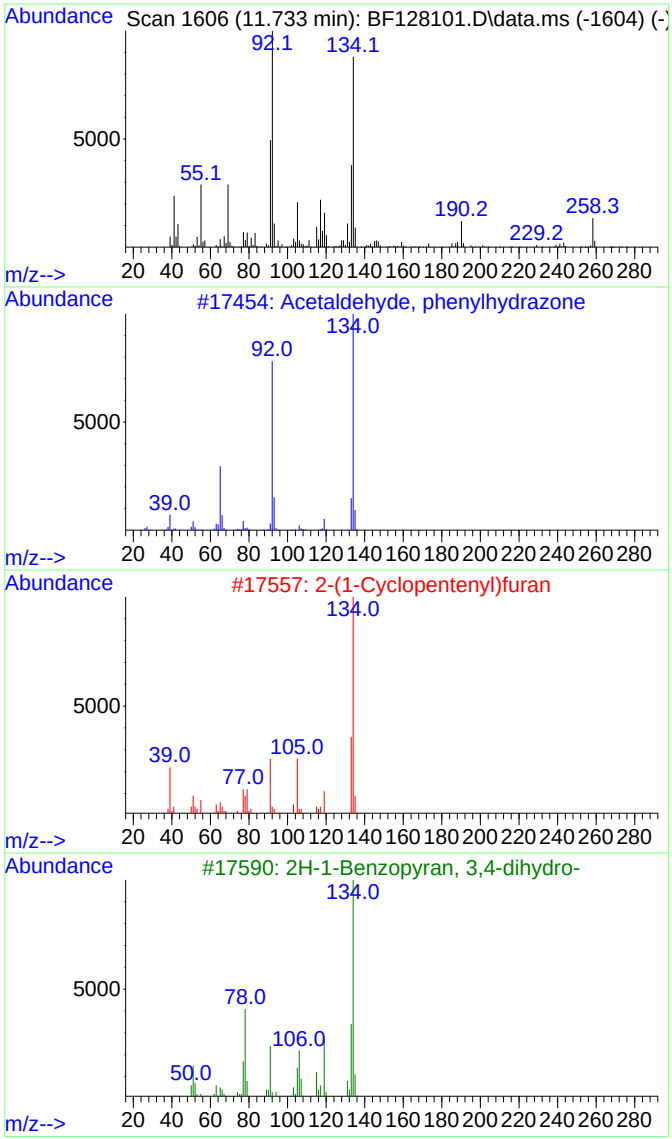
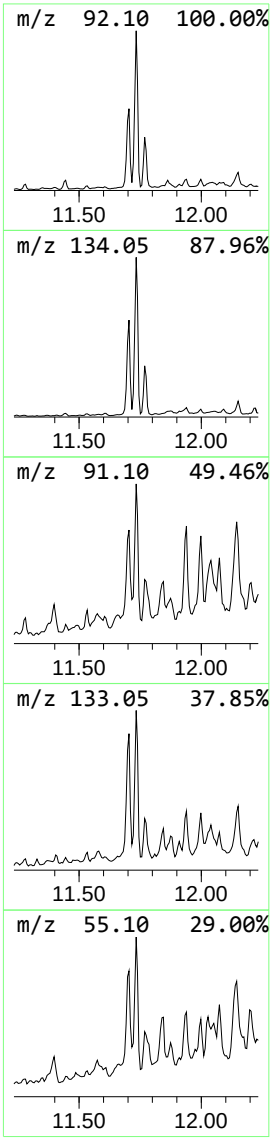
Peak Number 4 Acetaldehyde, phenylhydrazone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.733	77.89 ng	3543920	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde, phenylhydrazone	134	C8H10N2	000935-07-9	50
2	2-(1-Cyclopentenyl)furan	134	C9H10O	115754-78-4	43
3	2H-1-Benzopyran, 3,4-dihydro-	134	C9H10O	000493-08-3	43
4	Benzofuran, 2,3-dihydro-2-methyl-	134	C9H10O	001746-11-8	43
5	3-Methyl-3-(4-propoxyphenyl)pyrr...	247	C14H17NO3	053744-39-1	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128101.D
Acq On : 05 May 2022 18:25
Operator : CG\JU
Sample : N2676-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GT-05-(11-15)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.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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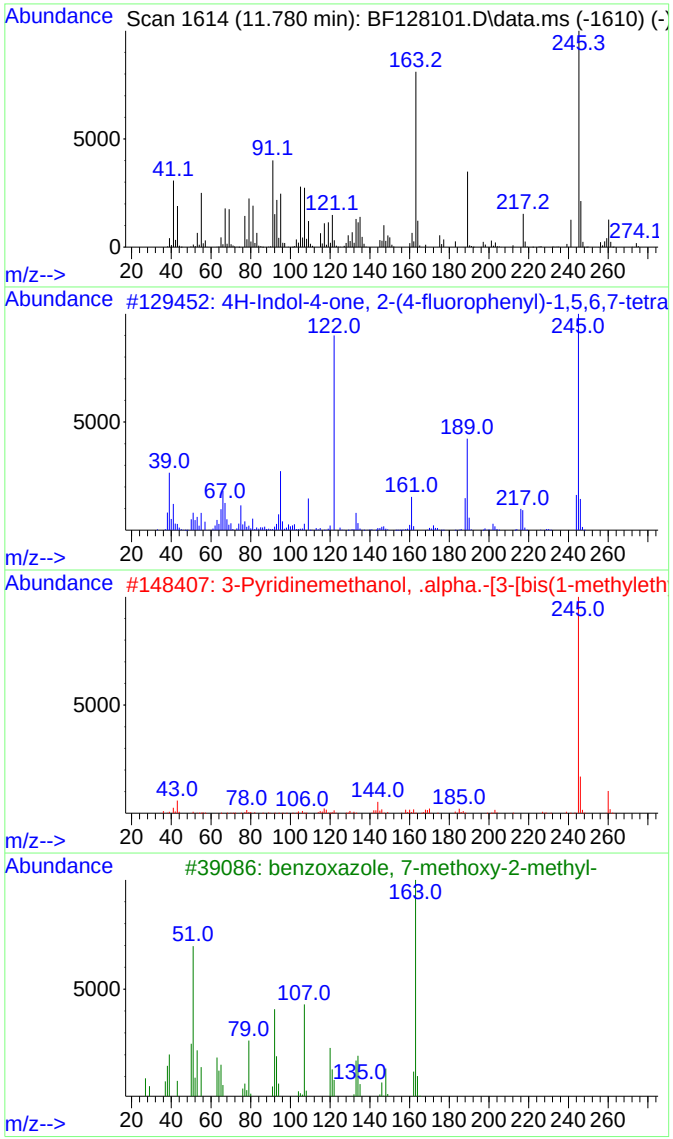
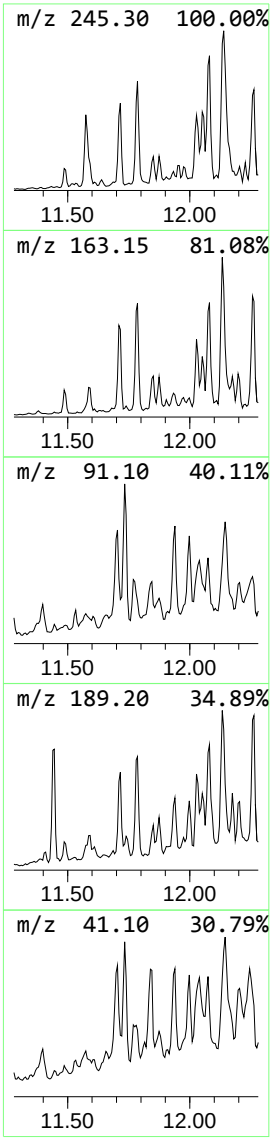
Peak Number 5 unknown11.780 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.780	51.16 ng	2327730	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Indol-4-one, 2-(4-fluoropheny...	245	C14H12FNO2	1010337-74-5	38
2	3-Pyridinemethanol, .alpha.-[3-[...	260	C16H24N2O	1010337-80-3	30
3	benzoxazole, 7-methoxy-2-methyl-	163	C9H9NO2	1000404-43-8	30
4	Isothiourea, 2-methyl-1-(2,4-dim...	260	C15H20N2S	1000267-73-5	30
5	9H-Purin-6-amine,N,9-dimethyl-	163	C7H9N5	002009-52-1	30





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Acq On : 05 May 2022 18:25
Operator : CG\JU
Sample : N2676-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GT-05-(11-15)

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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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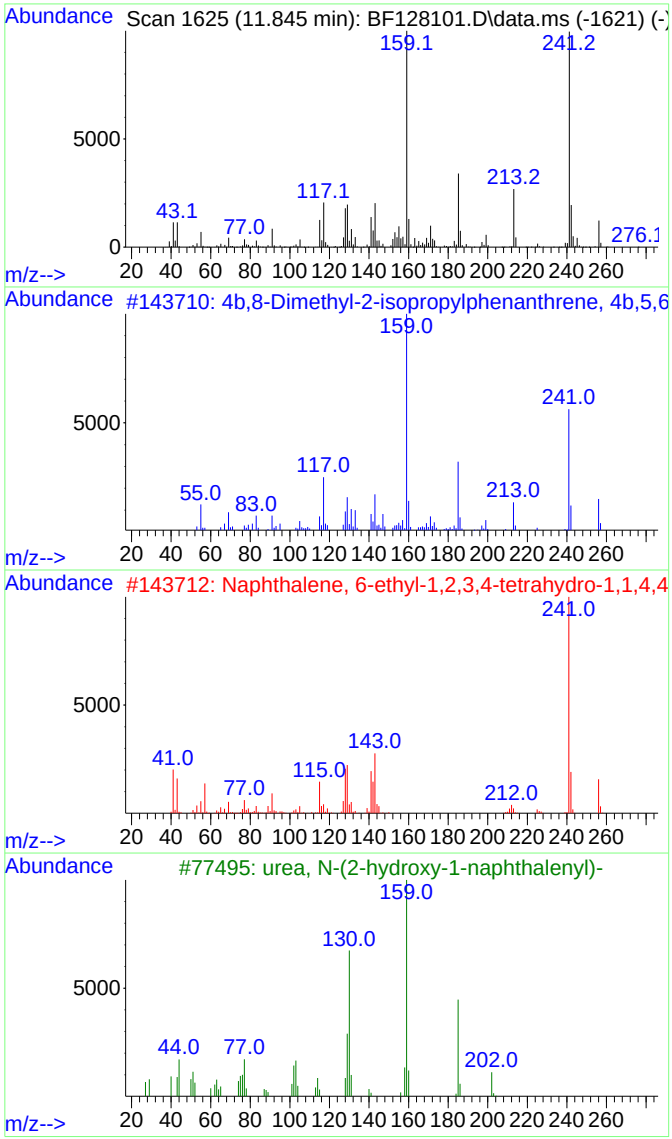
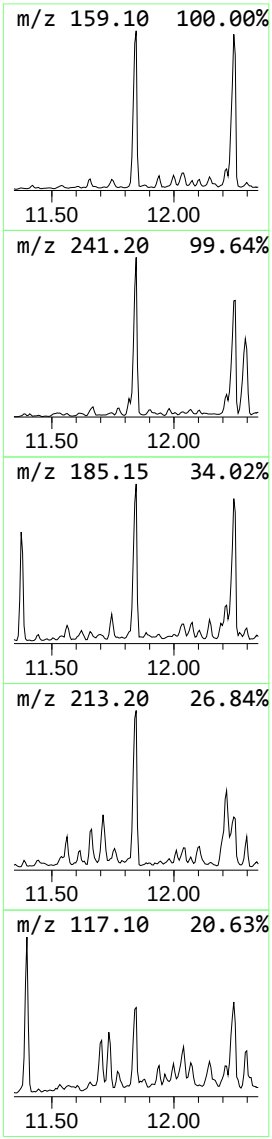
Peak Number 6 4b,8-Dimethyl-2-isopropylph... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	136.36 ng	6204800	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	86
2	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	35
3	urea, N-(2-hydroxy-1-naphthalenyl)-	202	C11H10N2O2	1000400-43-5	27
4	2-{[(4-Methyl-2-pyridinyl)amino]...	256	C13H16N4Si	1010494-07-4	22
5	2,5-Di(trifluoromethyl)benzoic a...	398	C19H24F6O2	1000338-94-3	22





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Operator : CG\JU
Sample : N2676-01
Misc :
ALS Vial : 12 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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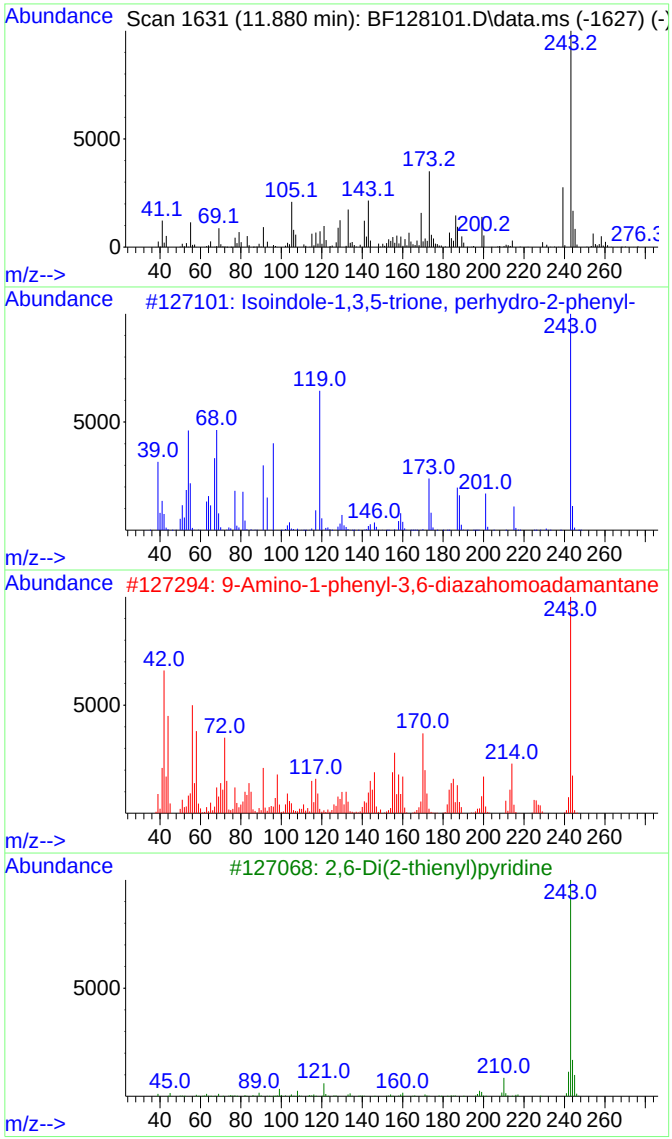
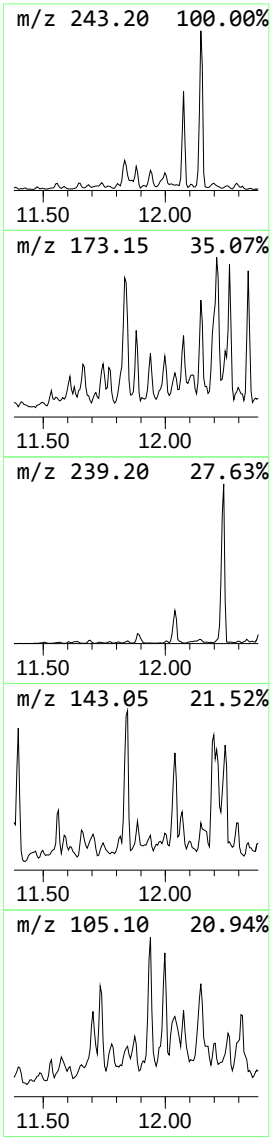
Peak Number 7 unknown11.880 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	55.20 ng	2511490	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoindole-1,3,5-trione, perhydro...	243	C14H13NO3	197162-90-6	45
2	9-Amino-1-phenyl-3,6-diazahomoad...	243	C15H21N3	147084-69-3	45
3	2,6-Di(2-thienyl)pyridine	243	C13H9NS2	035299-71-9	43
4	Phenol, 2-amino-4-tricyclo[3.3.1...	243	C16H21NO	1000350-32-7	43
5	Phenothiazine-4-carboxylic acid	243	C13H9NO2S	214785-69-0	43





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Sample : N2676-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GT-05-(11-15)

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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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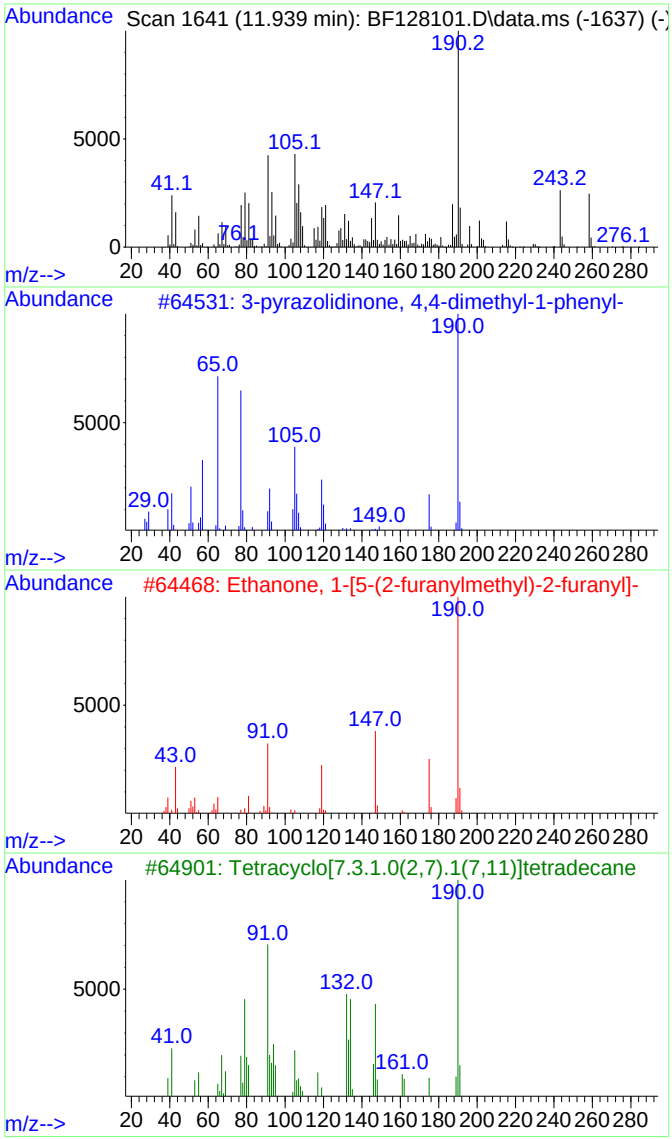
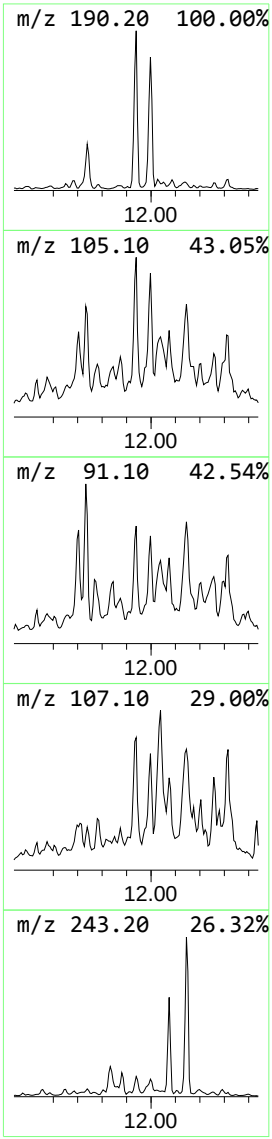
Peak Number 8 unknown11.939 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	111.87 ng	5090180	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-pyrazolidinone, 4,4-dimethyl-1...	190	C11H14N2O	1000400-21-7	38
2	Ethanone, 1-[5-(2-furanylmethyl)...	190	C11H10O3	052805-84-2	38
3	Tetracyclo[7.3.1.0(2,7).1(7,11)]...	190	C14H22	041171-94-2	35
4	Thiazole, 2-amino-5-methyl-4-phe...	190	C10H10N2S	030709-67-2	35
5	3-Methylbenzamide oxime, N,N,O-t...	366	C17H34N2OSi3	1000395-65-8	35





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Sample : N2676-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
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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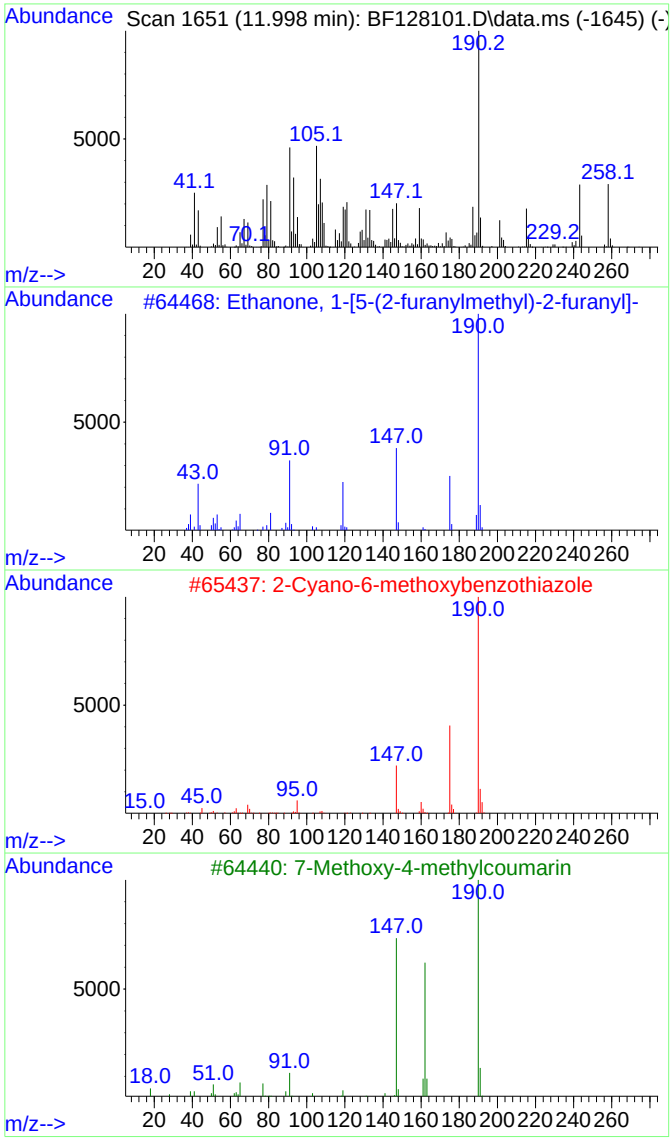
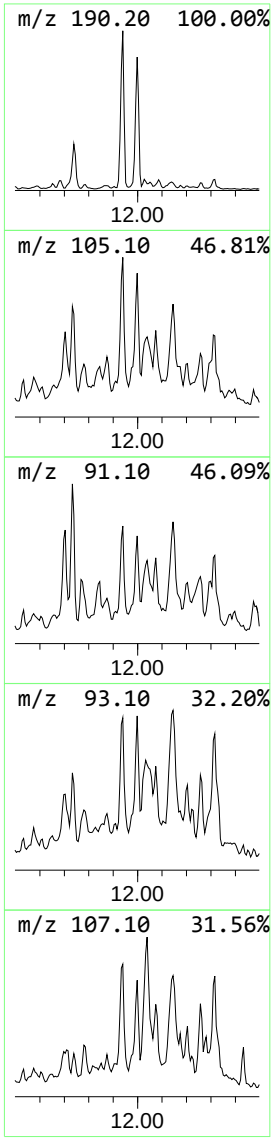
Peak Number 9 unknown11.998 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	119.22 ng	5424600	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-[5-(2-furanylmethyl)...	190	C11H10O3	052805-84-2	41
2	2-Cyano-6-methoxybenzothiazole	190	C9H6N2OS	000943-03-3	38
3	7-Methoxy-4-methylcoumarin	190	C11H10O3	002555-28-4	35
4	4,7-Dimethoxy-2-methyl-1H-indene	190	C12H14O2	1000188-03-2	35
5	6,7-Dimethoxyquinoxaline	190	C10H10N2O2	006295-29-0	35





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Sample : N2676-01
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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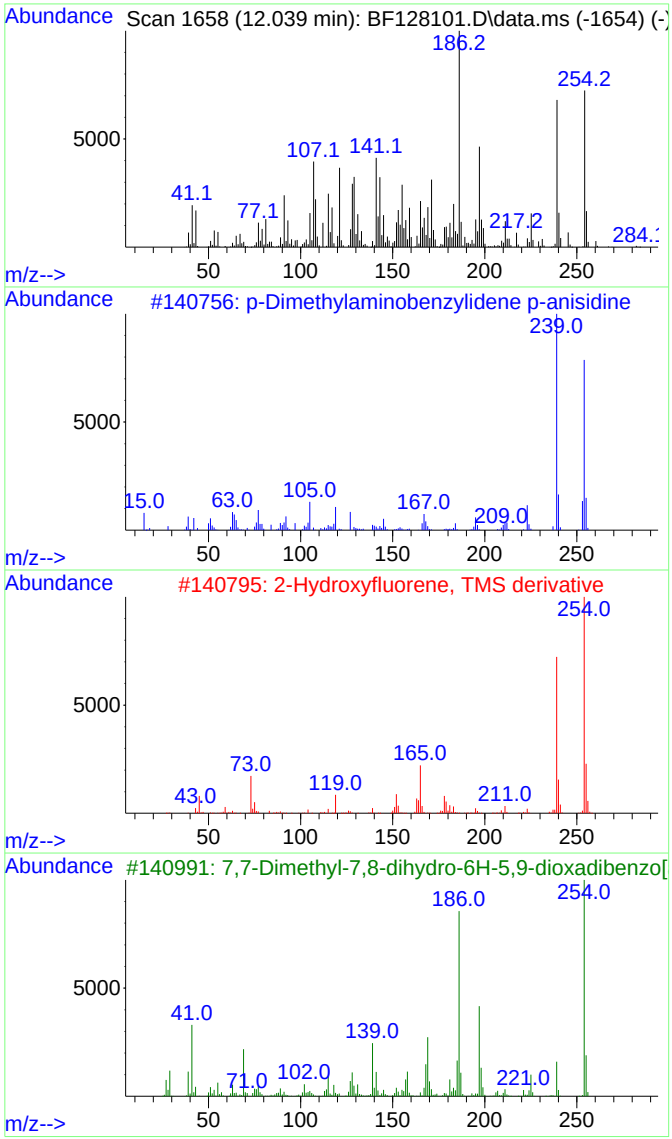
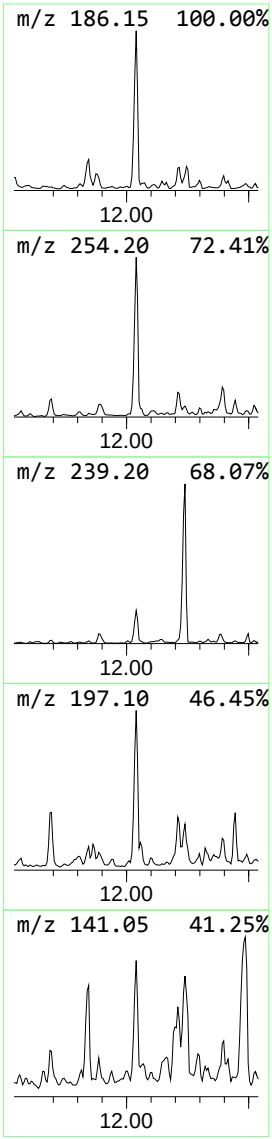
Peak Number 10 unknown12.039 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	202.06 ng	9193900	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Dimethylaminobenzylidene p-ani...	254	C16H18N2O	001749-04-8	25
2	2-Hydroxyfluorene, TMS derivative	254	C16H18OSi	1000479-30-2	25
3	7,7-Dimethyl-7,8-dihydro-6H-5,9-...	254	C17H18O2	161895-54-1	22
4	9-Acridinamine, 2-(1,1-dimethyle...	254	C17H22N2	1000318-93-9	20
5	Psoralen, 3-(.alpha.,.alpha.-dim...	254	C16H14O3	013164-03-9	18





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Operator : CG\JU
Sample : N2676-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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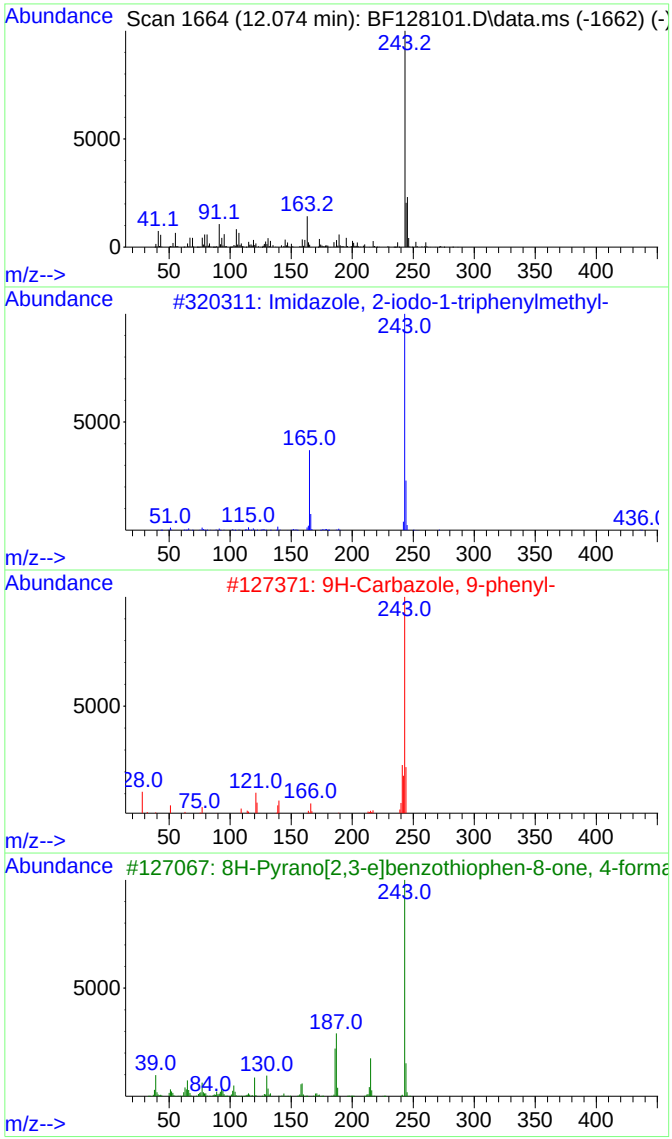
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

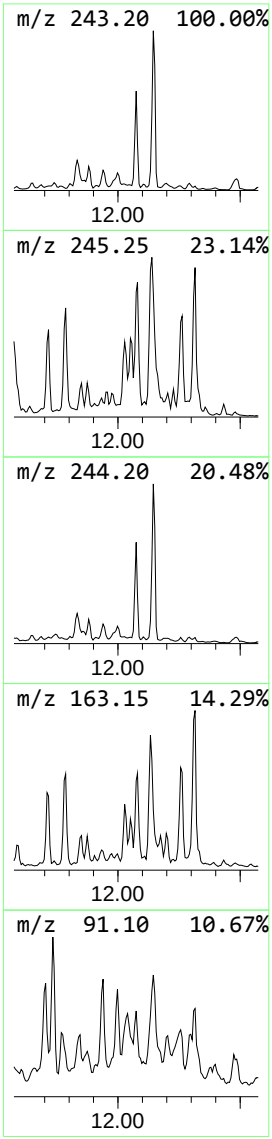
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Imidazole, 2-iodo-1-triphen... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.074	101.60 ng	4622900	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazole, 2-iodo-1-triphenylmet...	436	C22H17IN2	067478-46-0	53
2	9H-Carbazole, 9-phenyl-	243	C18H13N	001150-62-5	50
3	8H-Pyrano[2,3-e]benzothiophen-8-...	243	C13H9NO4	1000266-82-1	50
4	Methyl 2-(4-hydroxy-3-(3-methylb...	506	C30H34O7	1000493-38-7	50
5	4-Imidazolic acid, 1-triphenylme...	382	C25H22N2O2	053525-60-3	50





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Sample : N2676-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GT-05-(11-15)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.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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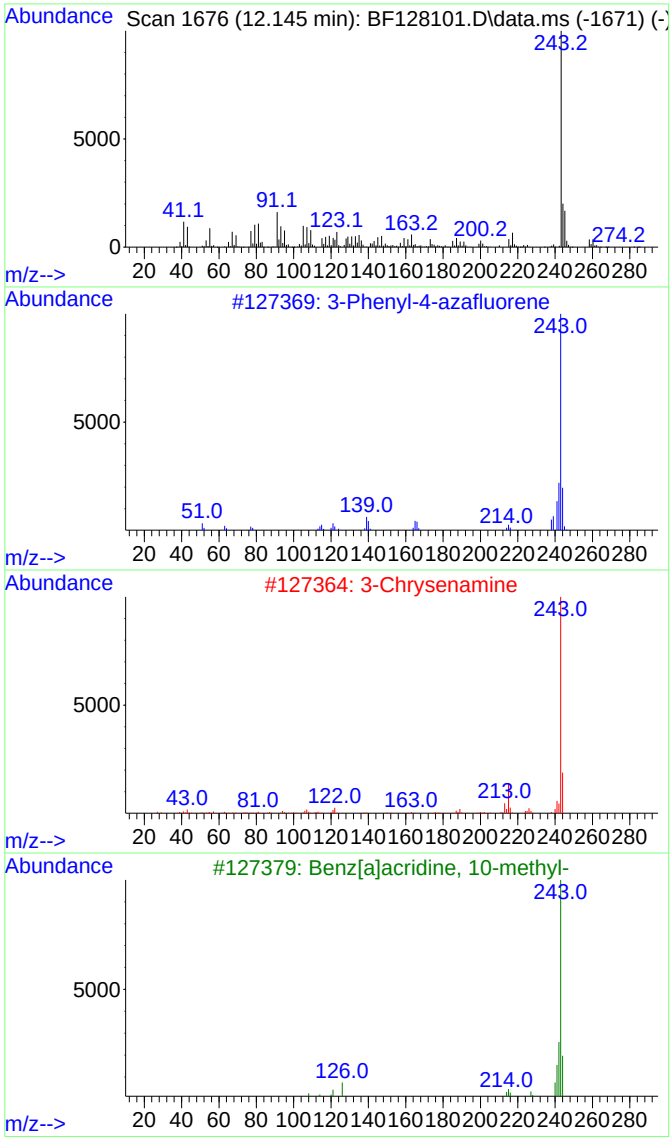
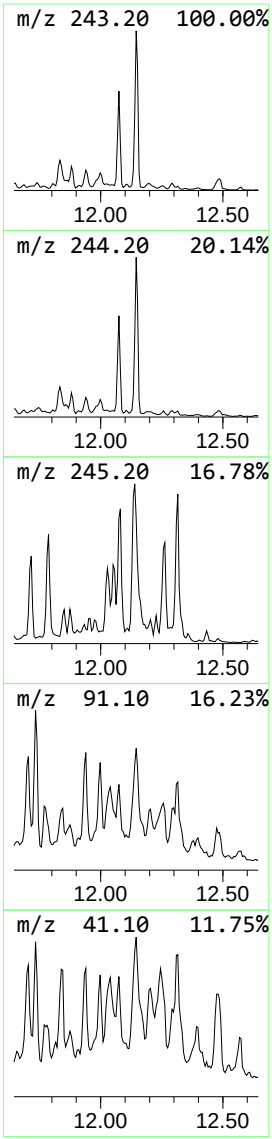
Peak Number 12 3-Phenyl-4-azafluorene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.145	249.13 ng	11335900	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenyl-4-azafluorene	243	C18H13N	033777-97-8	64
2	3-Chrysenamine	243	C18H13N	000316-18-7	64
3	Benz[a]acridine, 10-methyl-	243	C18H13N	003781-67-7	59
4	6-Chrysenamine	243	C18H13N	002642-98-0	59
5	9H-Carbazole, 9-phenyl-	243	C18H13N	001150-62-5	58





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Sample : N2676-01
Misc :
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Instrument :
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ClientSampleId :
GT-05-(11-15)

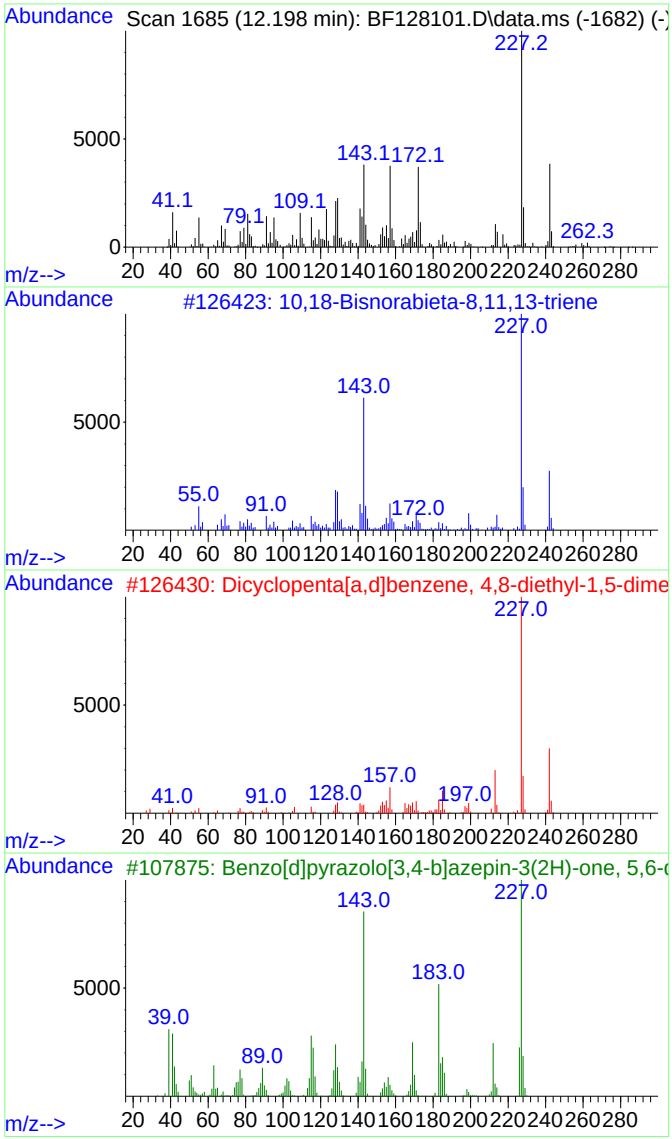
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

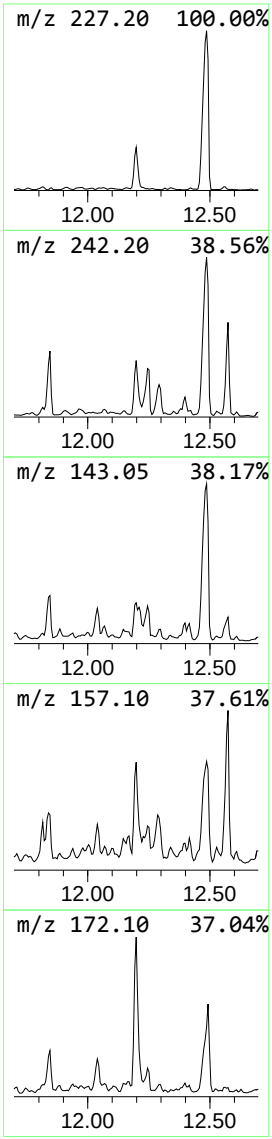
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 10,18-Bisnorabieta-8,11,13-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.198	155.61 ng	7080480	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	52
2	Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	49
3	Benzo[d]pyrazolo[3,4-b]azepin-3(...	227	C13H13N3O	263550-89-6	46
4	2-(4'-Hydroxyphenyl)-2-(4'-metho...	242	C16H18O2	016530-58-8	45
5	7-Diethylamino-2-oxo-2H-chromene...	242	C14H14N2O2	332411-59-3	43





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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GT-05-(11-15)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.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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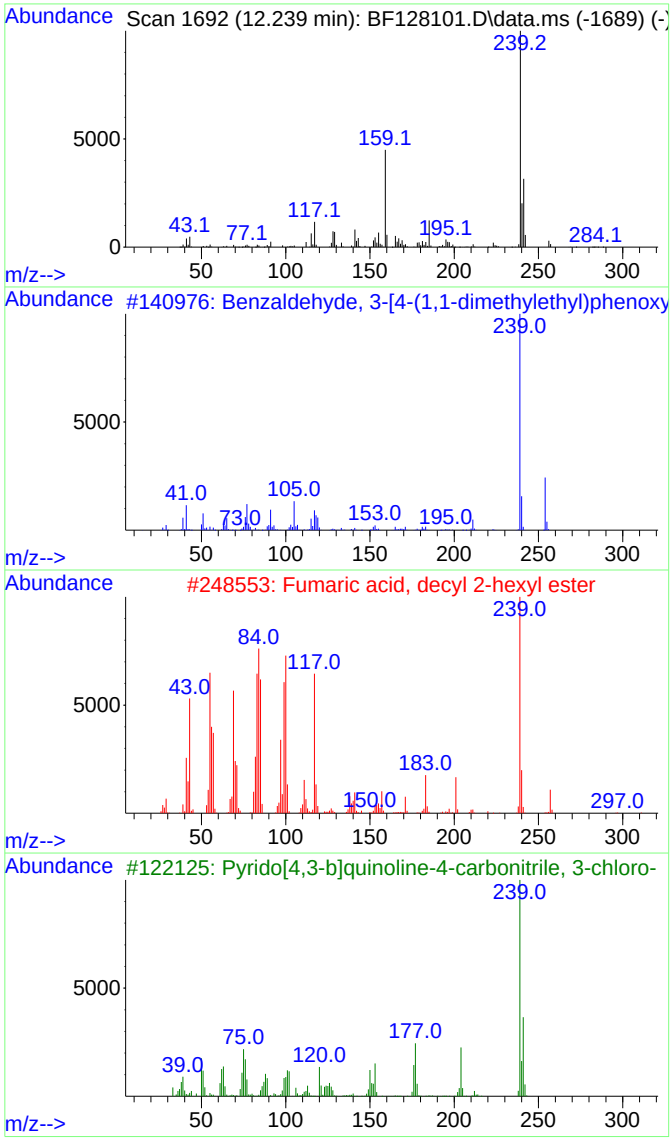
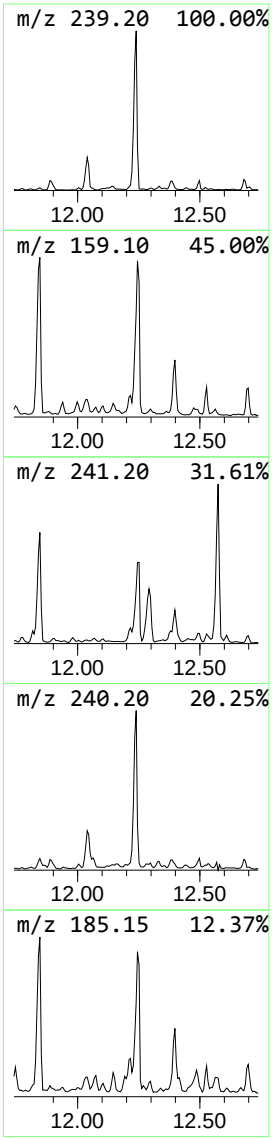
Peak Number 14 unknown12.239 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.239	227.86 ng	10367900	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3-[4-(1,1-dimethyl...	254	C17H18O2	069770-23-6	43
2	Fumaric acid, decyl 2-hexyl ester	340	C20H36O4	1000348-74-8	43
3	Pyrido[4,3-b]quinoline-4-carboni...	239	C13H6ClN3	104802-98-4	40
4	2-Chloro-6-phenylpyridine-3,4-di...	239	C13H6ClN3	1000389-14-7	40
5	9,10-Anthracenedione, 1-amino-4-...	239	C14H9NO3	000116-85-8	38





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Misc :
ALS Vial : 12 Sample Multiplier: 1

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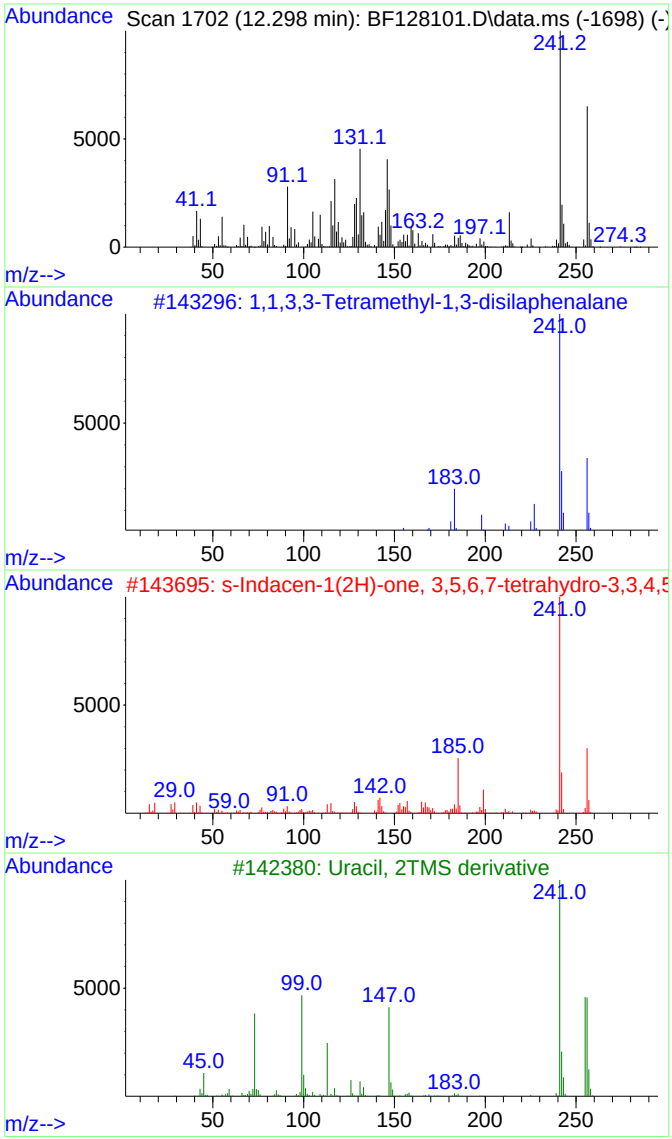
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

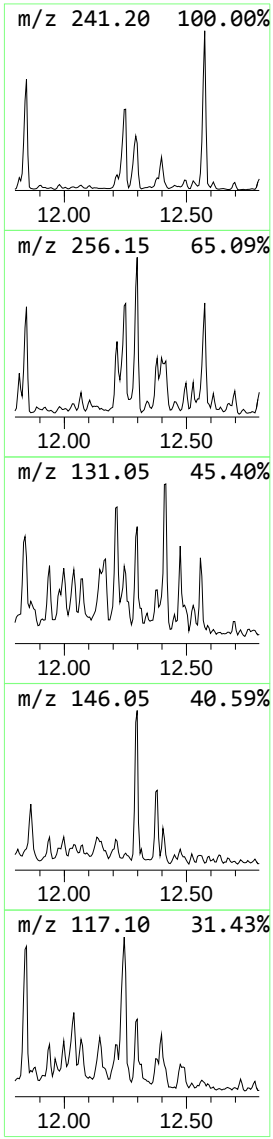
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,1,3,3-Tetramethyl-1,3-dis... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.298	87.15 ng	3965370	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,3,3-Tetramethyl-1,3-disilaph...	256	C15H20Si2	032538-51-5	72
2	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	46
3	Uracil, 2TMS derivative	256	C10H20N2O2Si2	010457-14-4	43
4	Bisphenol C	256	C17H20O2	000079-97-0	41
5	Ethanone, 1-[4-methoxy-3-(4-meth...	256	C16H16O3	116345-94-9	41





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BNA_F
ClientSampleId :
GT-05-(11-15)

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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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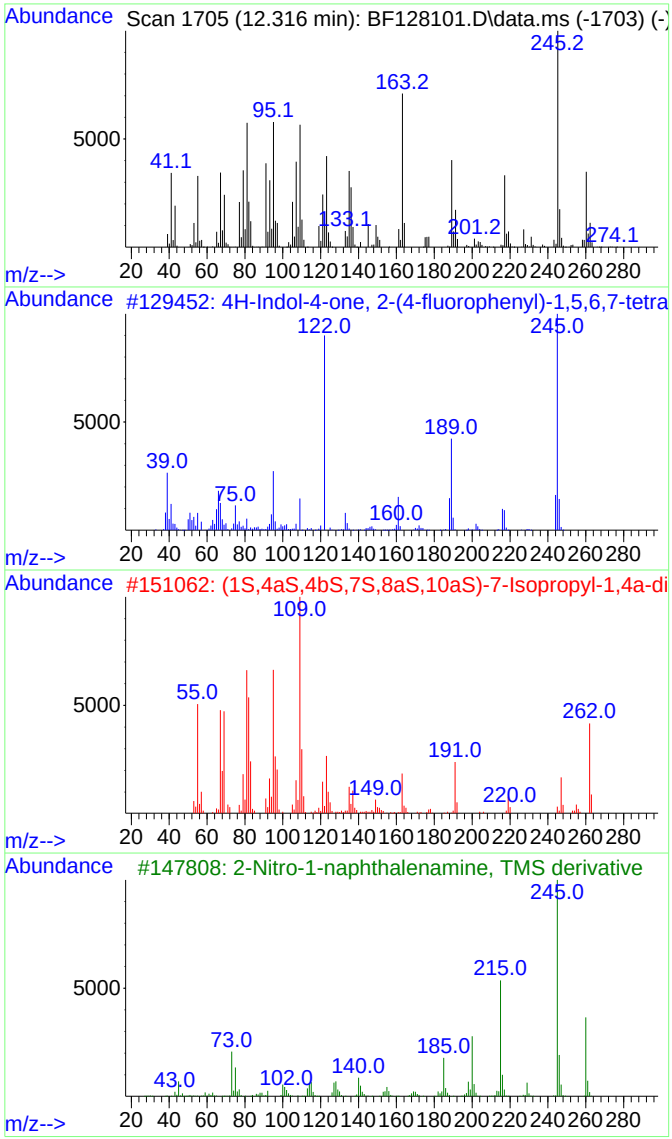
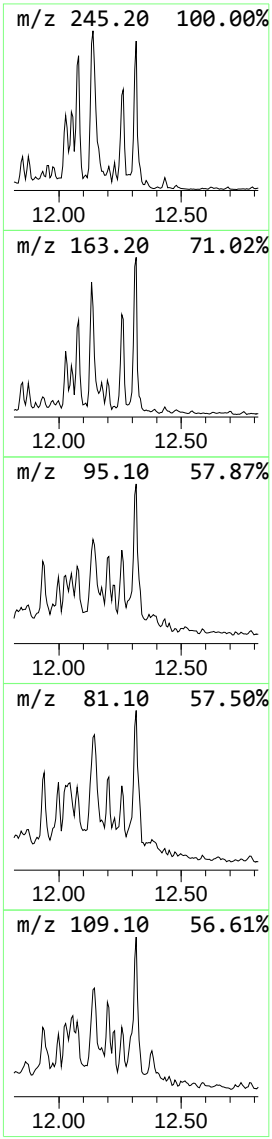
Peak Number 16 unknown12.316 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.316	118.00 ng	5369350	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Indol-4-one, 2-(4-fluoropheny...	245	C14H12FNO2	1010337-74-5	35
2	(1S,4aS,4bS,7S,8aS,10aS)-7-Isopr...	262	C19H34	002221-95-6	25
3	2-Nitro-1-naphthalenamine, TMS d...	260	C13H16N2O2Si	1000480-08-7	14
4	2-tert-butyl-4-methylphenol, tri...	260	C13H15F3O2	1000467-26-2	14
5	1,3,5-Triazin-2-amine, 4,6-dimet...	260	C13H16N4O2	027315-23-7	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128101.D
Acq On : 05 May 2022 18:25
Operator : CG\JU
Sample : N2676-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GT-05-(11-15)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

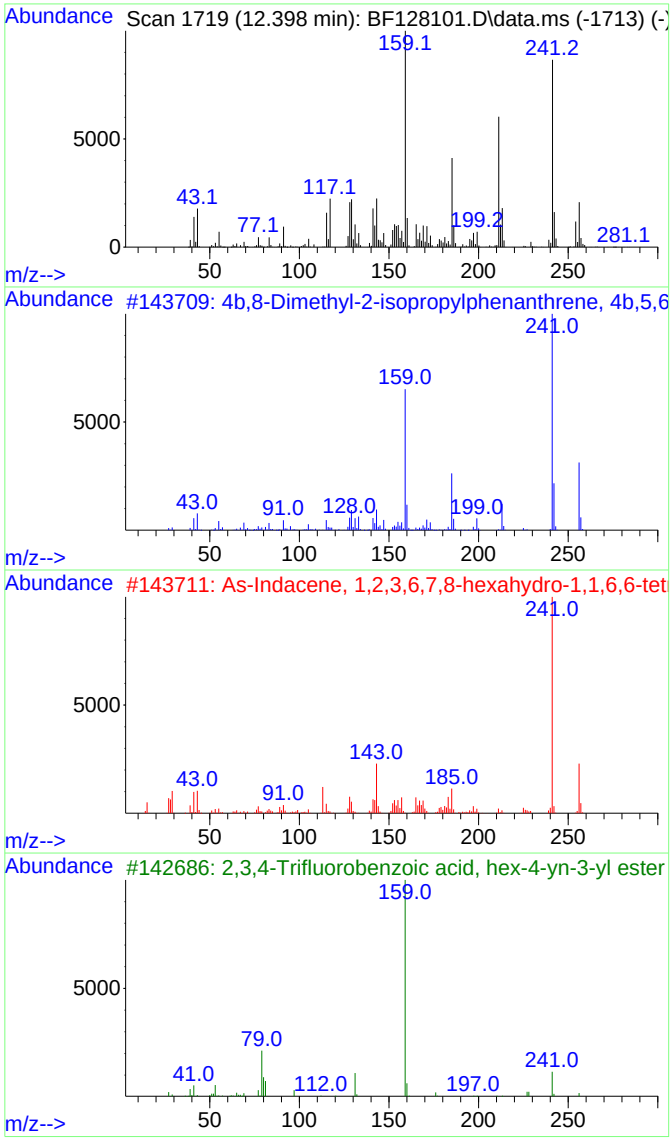
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

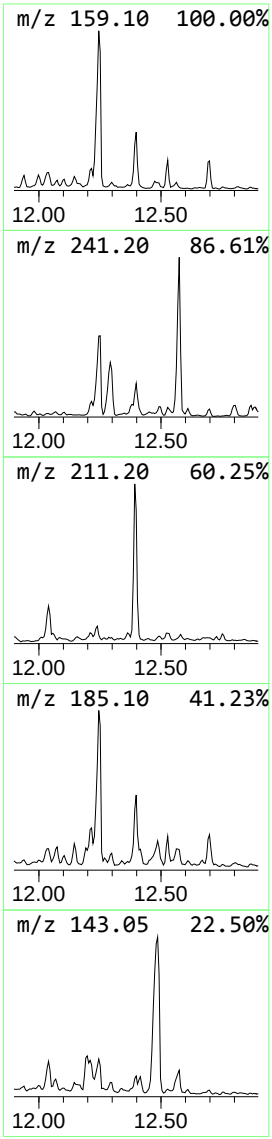
****

Peak Number 17 As-Indacene, 1,2,3,6,7,8-he... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.398	103.75 ng	4720570	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	96
2	As-Indacene, 1,2,3,6,7,8-hexahyd...	256	C19H28	017465-47-3	51
3	2,3,4-Trifluorobenzoic acid, hex...	256	C13H11F3O2	1000292-55-4	43
4	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	30
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	18





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Data File : BF128101.D
Acq On : 05 May 2022 18:25
Operator : CG\JU
Sample : N2676-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GT-05-(11-15)

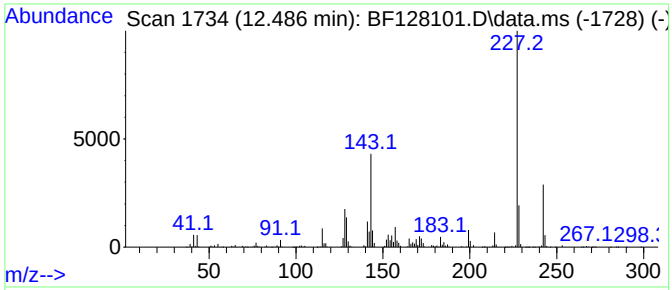
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

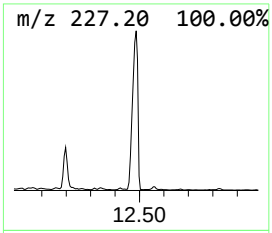
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

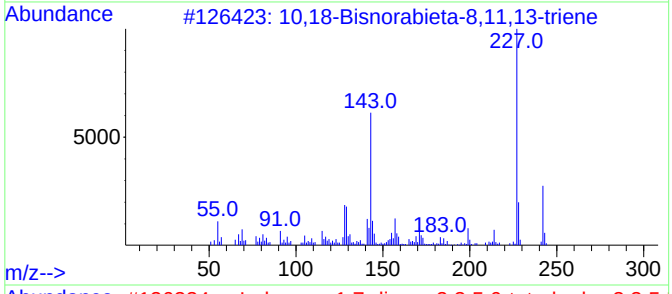
****
Peak Number 18 s-Indacene-1,7-dione, 2,3,5... Concentration Rank 3

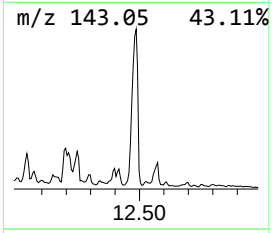
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	205.02 ng	9328700	Phenanthrene-d10	11.445

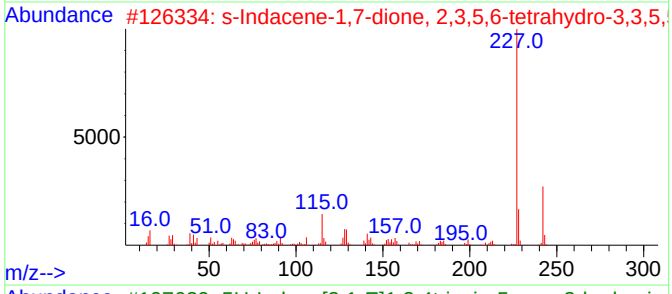
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	94
2	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	58
3	5H-Indeno[2,1-E]1,2,4triazin-5-o...	227	C10H9N7	1000271-75-1	53
4	Lapachol	242	C15H14O3	000084-79-7	53
5	7-Diethylamino-2-oxo-2H-chromene...	242	C14H14N2O2	332411-59-3	49

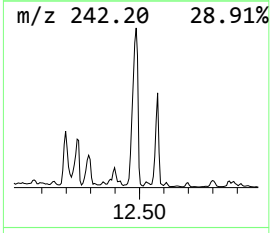


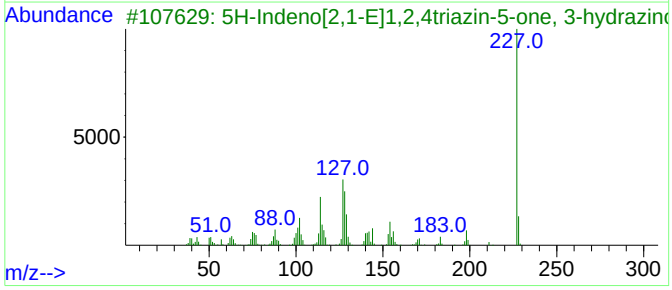


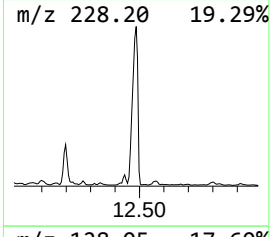


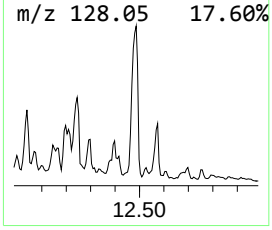












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Data File : BF128101.D
Acq On : 05 May 2022 18:25
Operator : CG\JU
Sample : N2676-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GT-05-(11-15)

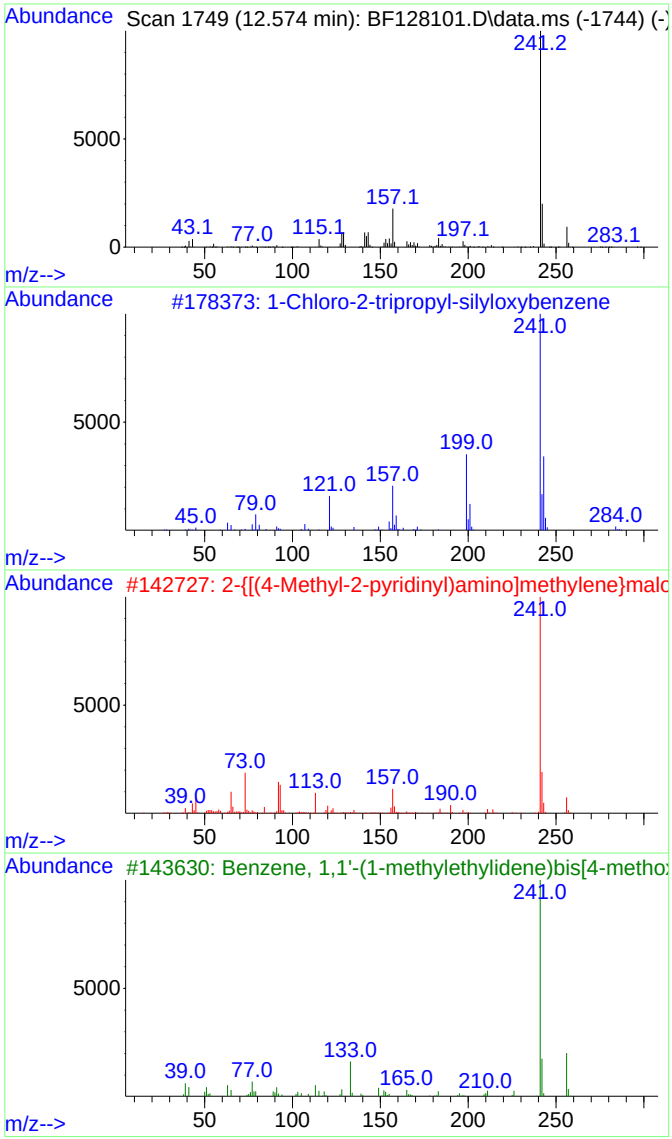
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

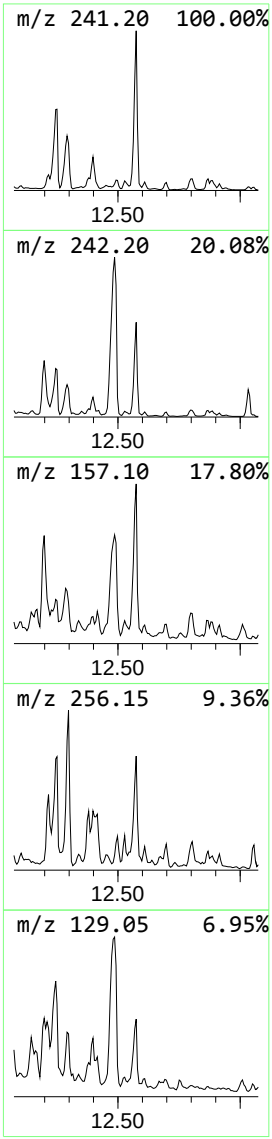
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1-Chloro-2-tripropyl-silylo... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.574	73.45 ng	3341990	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Chloro-2-tripropyl-silyloxyben...	284	C15H25ClOSi	1000292-68-4	64
2	2-{[(4-Methyl-2-pyridinyl)amino]...	256	C13H16N4Si	1010494-07-4	64
3	Benzene, 1,1'-(1-methylethyliden...	256	C17H20O2	001568-83-8	59
4	4-Hydroxy-4'-nitrostilbene	241	C14H11NO3	019221-08-0	50
5	Phosphoric acid, bis(trimethylsi...	256	C7H21O4PSi2	018291-81-1	45





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Acq On : 05 May 2022 18:25
Operator : CG\JU
Sample : N2676-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GT-05-(11-15)

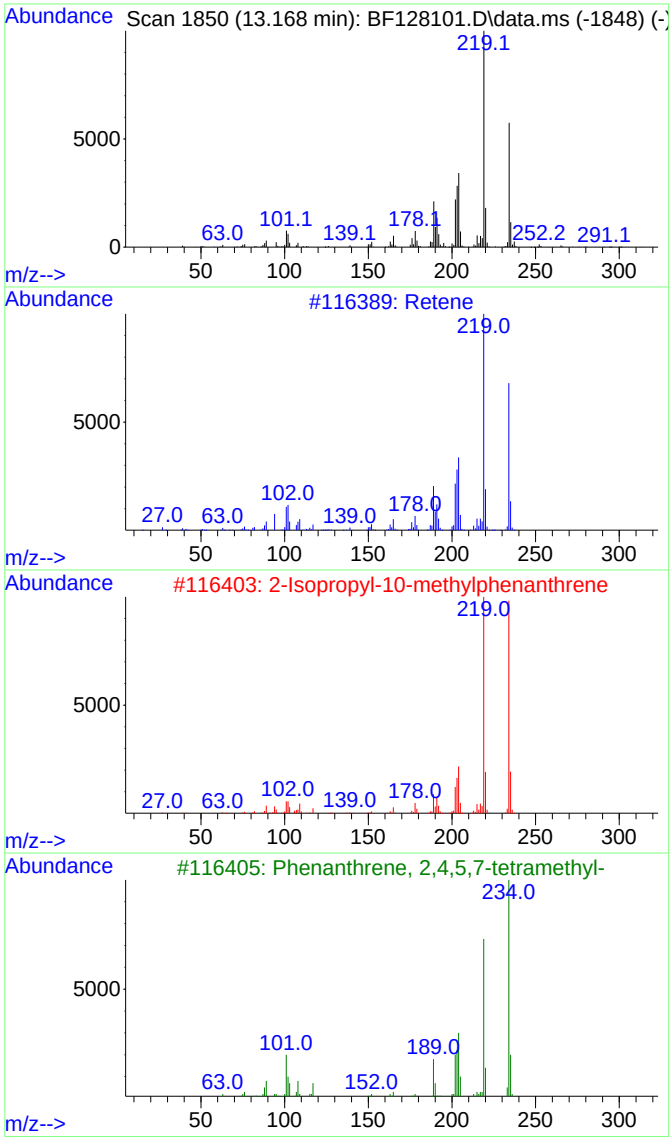
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

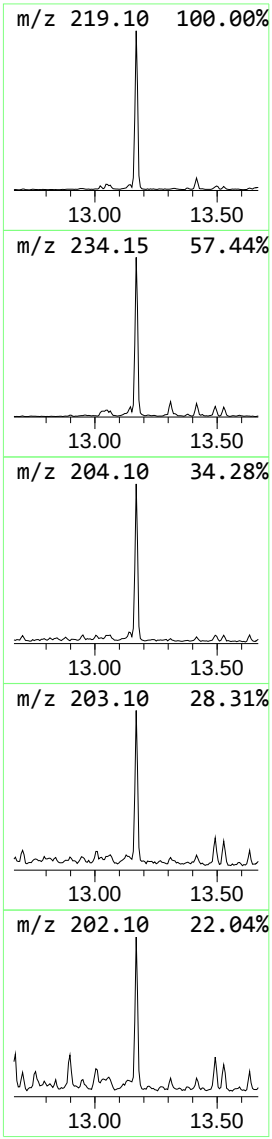
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Retene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.168	40.01 ng	962594	Chrysene-d12	14.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	97
3	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	89
4	Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	60
5	4-(1H-Inden-1-ylidenemethyl)phen...	219	C16H13N	000487-61-6	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128101.D
Acq On : 05 May 2022 18:25
Operator : CG\JU
Sample : N2676-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GT-05-(11-15)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.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
unknown9.345	9.345	35.2	ng	1148240	3	9.951	651651	20.0
Dodecane, 4-met...	9.657	37.3	ng	1216520	3	9.951	651651	20.0
unknown11.704	11.704	99.0	ng	4503090	4	11.445	910032	20.0
Acetaldehyde, p...	11.733	77.9	ng	3543920	4	11.445	910032	20.0
unknown11.780	11.780	51.2	ng	2327730	4	11.445	910032	20.0
4b,8-Dimethyl-2...	11.845	136.4	ng	6204800	4	11.445	910032	20.0
unknown11.880	11.880	55.2	ng	2511490	4	11.445	910032	20.0
unknown11.939	11.939	111.9	ng	5090180	4	11.445	910032	20.0
unknown11.998	11.998	119.2	ng	5424600	4	11.445	910032	20.0
unknown12.039	12.039	202.1	ng	9193900	4	11.445	910032	20.0
Imidazole, 2-io...	12.074	101.6	ng	4622900	4	11.445	910032	20.0
3-Phenyl-4-azaf...	12.145	249.1	ng	11335900	4	11.445	910032	20.0
10,18-Bisnorabi...	12.198	155.6	ng	7080480	4	11.445	910032	20.0
unknown12.239	12.239	227.9	ng	10367900	4	11.445	910032	20.0
1,1,3,3-Tetrame...	12.298	87.2	ng	3965370	4	11.445	910032	20.0
unknown12.316	12.316	118.0	ng	5369350	4	11.445	910032	20.0
As-Indacene, 1,...	12.398	103.8	ng	4720570	4	11.445	910032	20.0
s-Indacene-1,7-...	12.486	205.0	ng	9328700	4	11.445	910032	20.0
1-Chloro-2-trip...	12.574	73.5	ng	3341990	4	11.445	910032	20.0
Retene	13.168	40.0	ng	962594	5	14.086	481205	20.0