LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120264.D
Acq On : 1 May 2020 17:58
Operator : MA/SJ
Sample : L2376-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

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-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.257	536	539	551	rBV	2405119	2286614	73.93%	6.035%
2	6.304	713	717	732	rBV	2698509	2603745	84.18%	6.872%
3	6.651	772	776	785	rBV	988610	857595	27.73%	2.263%
4	6.804	798	802	806	rBV	2655232	2274375	73.53%	6.002%
5	7.216	868	872	875	rBV	1991101	1749160	56.55%	4.616%
6	7.934	990	994	997	rBV	1395642	1105484	35.74%	2.918%
7	7.957	997	998	1001	rVB	102805	51433	1.66%	0.136%
8	8.645	1112	1115	1119	rBV	112405	101221	3.27%	0.267%
9	8.745	1129	1132	1139	rVB	161431	127157	4.11%	0.336%
10	9.016	1173	1178	1181	rBV	3793947	3093015	100.00%	8.163%
11	9.139	1196	1199	1203	rVB	164800	145112	4.69%	0.383%
12	9.281	1218	1223	1226	rBV	53053	69918	2.26%	0.185%
13	9.345	1231	1234	1237	rVV	124344	127557	4.12%	0.337%
14	9.375	1237	1239	1241	rVV	81213	65375	2.11%	0.173%
15	9.410	1241	1245	1249	rVV	393121	326403	10.55%	0.861%
16	9.463	1249	1254	1260	rVB	71998	81655	2.64%	0.216%
17	9.545	1265	1268	1274	rBV	287144	256409	8.29%	0.677%
18	9.686	1287	1292	1296	rBV	1376147	1151265	37.22%	3.038%
19	9.716	1296	1297	1302	rVB2	46553	49897	1.61%	0.132%
20	9.892	1324	1327	1331	rBV	68863	61261	1.98%	0.162%
21	10.004	1341	1346	1349	rBV2	57519	65417	2.11%	0.173%
22	10.098	1357	1362	1363	rBV2	43387	57414	1.86%	0.152%
23	10.139	1366	1369	1372	rVB2	40302	43387	1.40%	0.115%
24	10.233	1382	1385	1390	rVB2	163673	154292	4.99%	0.407%
25	10.345	1401	1404	1409	rVB3	48086	50548	1.63%	0.133%
26	10.392	1409	1412	1421	rVB3	36305	66405	2.15%	0.175%
27	10.480	1421	1427	1430	rBV	1830027	1710526	55.30%	4.514%
28	10.604	1444	1448	1454	rVB	86025	98335	3.18%	0.260%
29	10.780	1474	1478	1481	rBV4	54776	83105	2.69%	0.219%
30	10.810	1481	1483	1486	rVV	72122	67613	2.19%	0.178%
31	10.863	1489	1492	1495	rVB2	51106	49718	1.61%	0.131%
32	10.980	1509	1512	1517	rVB2	56293	59084	1.91%	0.156%
33	11.069	1525	1527	1532	rVB2	64689	79259	2.56%	0.209%
34	11.175	1541	1545	1547	rBV	1149594	1148552	37.13%	3.031%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120264.D
Acq On : 1 May 2020 17:58
Operator : MA/SJ
Sample : L2376-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

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-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.192	1547	1548	1552	rVV	863330	663993	21.47%	1.752%
36	11.245	1554	1557	1560	rVB	273770	211587	6.84%	0.558%
37	11.286	1560	1564	1567	rBV	53366	61376	1.98%	0.162%
38	11.410	1581	1585	1587	rBV2	50855	55296	1.79%	0.146%
39	11.474	1593	1596	1598	rBV2	48492	52285	1.69%	0.138%
40	11.504	1598	1601	1607	rVB3	48205	54515	1.76%	0.144%
41	11.674	1626	1630	1632	rBV	309194	257561	8.33%	0.680%
42	11.704	1632	1635	1636	rVV	358774	372939	12.06%	0.984%
43	11.716	1636	1637	1640	rVV	427500	287624	9.30%	0.759%
44	11.751	1640	1643	1645	rVV	139342	149250	4.83%	0.394%
45	11.786	1645	1649	1651	rVV	373591	447159	14.46%	1.180%
46	11.804	1651	1652	1658	rVB	227426	184788	5.97%	0.488%
47	11.969	1678	1680	1682	rVV	89820	69397	2.24%	0.183%
48	11.998	1682	1685	1688	rVB3	45654	44699	1.45%	0.118%
49	12.121	1703	1706	1708	rVB	57199	48353	1.56%	0.128%
50	12.151	1708	1711	1713	rVV	106883	82456	2.67%	0.218%
51	12.174	1713	1715	1718	rVB	80817	63463	2.05%	0.167%
52	12.222	1718	1723	1726	rBV	247282	301216	9.74%	0.795%
53	12.257	1726	1729	1732	rVV	150235	225120	7.28%	0.594%
54	12.310	1735	1738	1742	rVB2	100662	124351	4.02%	0.328%
55	12.386	1747	1751	1754	rBV	663060	627378	20.28%	1.656%
56	12.480	1764	1767	1768	rBV	65325	47197	1.53%	0.125%
57	12.498	1768	1770	1777	rVB4	203730	207928	6.72%	0.549%
58	12.610	1784	1789	1792	rBV	715312	700406	22.64%	1.848%
59	12.633	1792	1793	1797	rVB2	68908	58909	1.90%	0.155%
60	12.674	1797	1800	1803	rVB2	92953	103989	3.36%	0.274%
61	12.733	1806	1810	1811	rBV2	37547	43613	1.41%	0.115%
62	12.763	1811	1815	1818	rBV	2929938	2524711	81.63%	6.663%
63	12.833	1823	1827	1834	rVB3	129351	198439	6.42%	0.524%
64	12.921	1838	1842	1843	rBV2	92042	105178	3.40%	0.278%
65	12.939	1843	1845	1848	rVB	173284	165316	5.34%	0.436%
66	13.010	1853	1857	1860	rVV	164920	159304	5.15%	0.420%
67	13.045	1860	1863	1866	rVV2	220602	191574	6.19%	0.506%
68	13.139	1876	1879	1881	rVB	167380	143568	4.64%	0.379%
69	13.168	1881	1884	1888	rVB	166043	155383	5.02%	0.410%
70	13.257	1896	1899	1903	rVB4	32967	44611	1.44%	0.118%
71	13.345	1911	1914	1916	rBV2	66793	65245	2.11%	0.172%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120264.D
Acq On : 1 May 2020 17:58
Operator : MA/SJ
Sample : L2376-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

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-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.427	1925	1928	1930	rBV3	57705	68157	2.20%	0.180%
73	13.451	1930	1932	1937	rVB	91941	105859	3.42%	0.279%
74	13.510	1940	1942	1946	rBV	64724	52174	1.69%	0.138%
75	13.557	1946	1950	1954	rBV4	93696	197143	6.37%	0.520%
76	13.674	1966	1970	1977	rVB3	210703	355972	11.51%	0.939%
77	13.810	1986	1993	1996	rBV2	1119133	1486474	48.06%	3.923%
78	13.839	1996	1998	2001	rVV	419502	362552	11.72%	0.957%
79	13.898	2005	2008	2010	rBV	45842	44981	1.45%	0.119%
80	13.986	2021	2023	2028	rVB2	132822	130359	4.21%	0.344%
81	14.163	2050	2053	2055	rBV2	67085	67671	2.19%	0.179%
82	14.198	2055	2059	2062	rVV	225108	238785	7.72%	0.630%
83	14.233	2062	2065	2069	rVB	126184	106820	3.45%	0.282%
84	14.292	2072	2075	2078	rVB2	257700	236882	7.66%	0.625%
85	14.321	2078	2080	2082	rBV	118674	99170	3.21%	0.262%
86	14.451	2099	2102	2106	rBV5	46727	55092	1.78%	0.145%
87	14.592	2122	2126	2128	rBV	290344	327253	10.58%	0.864%
88	14.821	2161	2165	2172	rBV	360445	622070	20.11%	1.642%
89	14.898	2175	2178	2186	rVB2	255360	388154	12.55%	1.024%
90	15.098	2209	2212	2218	rVB	252638	313241	10.13%	0.827%
91	15.157	2218	2222	2227	rBV	429480	490556	15.86%	1.295%
92	15.215	2228	2232	2235	rVV	727378	845828	27.35%	2.232%
93	15.245	2235	2237	2244	rVB3	313511	439495	14.21%	1.160%
94	15.645	2302	2305	2311	rVB2	148676	225235	7.28%	0.594%
95	16.109	2380	2384	2386	rBV	58594	100311	3.24%	0.265%
96	16.557	2456	2460	2468	rVB2	152297	315991	10.22%	0.834%
97	16.721	2484	2488	2492	rBV	76967	154786	5.00%	0.409%
98	16.968	2525	2530	2539	rVB2	155586	313969	10.15%	0.829%
99	18.027	2705	2710	2713	rBV6	40506	78150	2.53%	0.206%
100	18.251	2743	2748	2749	rBV4	30696	49195	1.59%	0.130%

Sum of corrected areas: 37890808

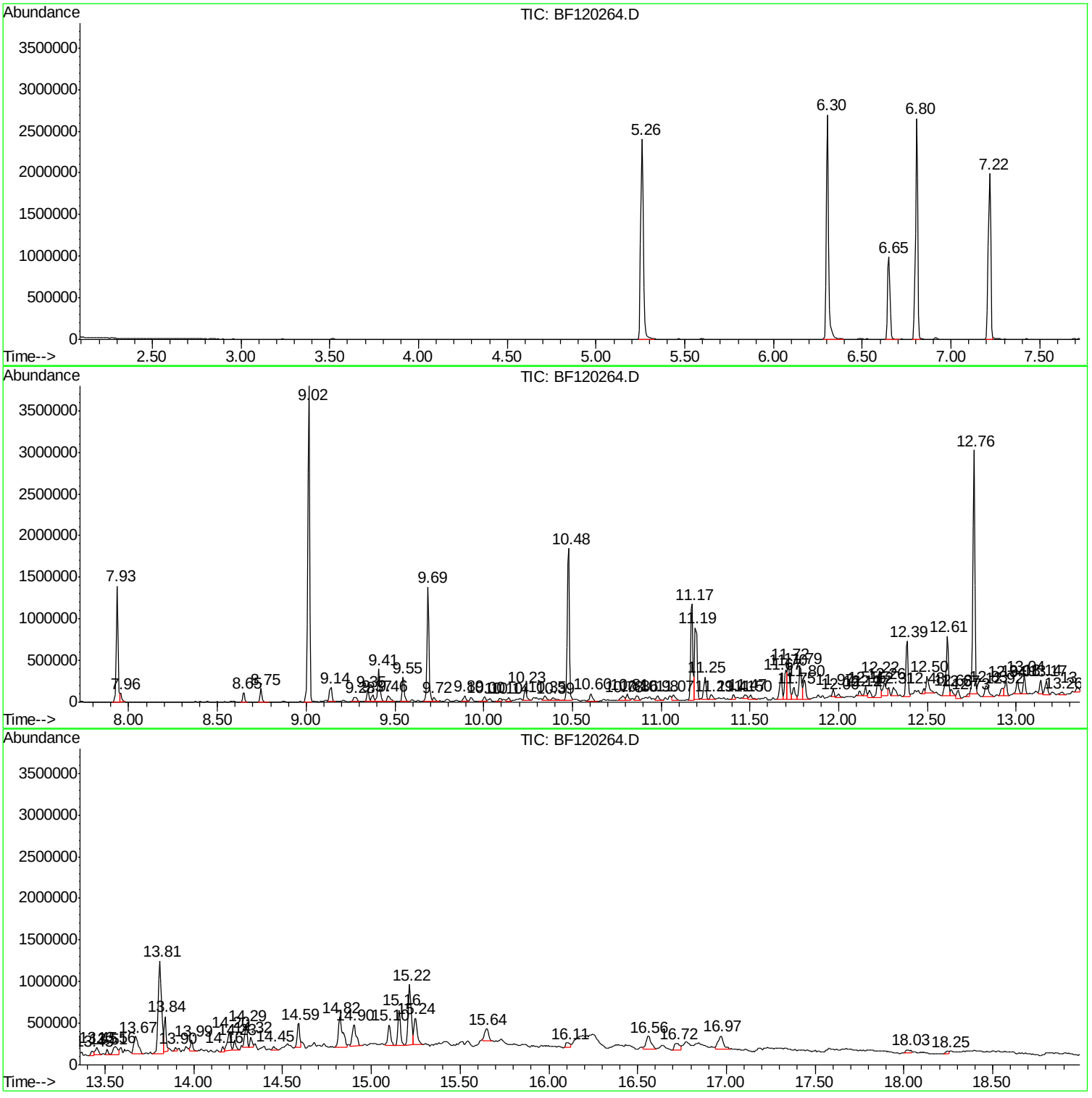
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120264.D
Acq On : 1 May 2020 17:58
Operator : MA/SJ
Sample : L2376-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120264.D
Acq On : 1 May 2020 17:58
Operator : MA/SJ
Sample : L2376-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

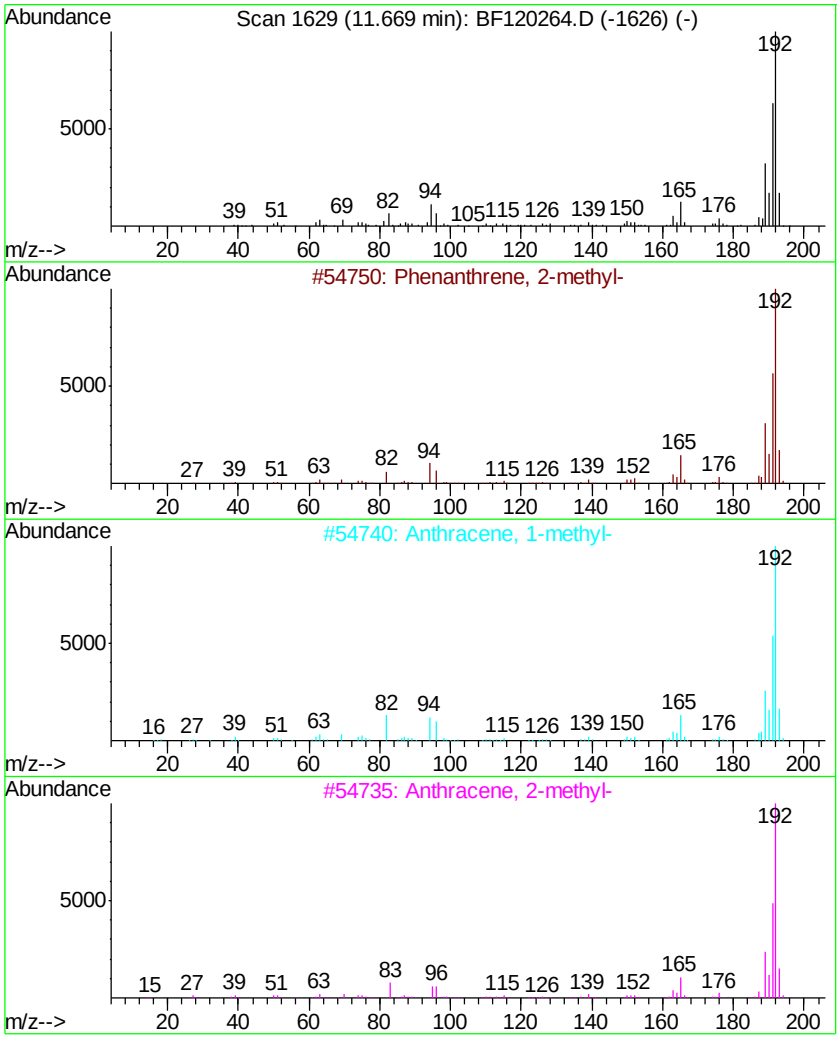
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

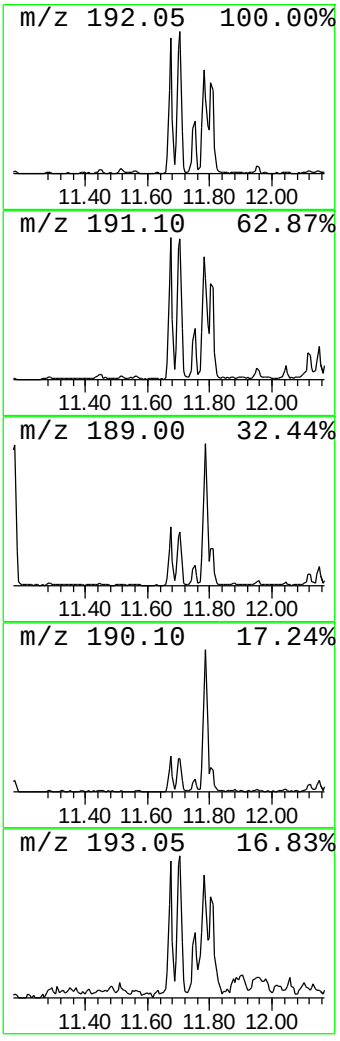
****

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	4.48 ng	257561	Phenanthrene-d10	11.17

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120264.D
Acq On : 1 May 2020 17:58
Operator : MA/SJ
Sample : L2376-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

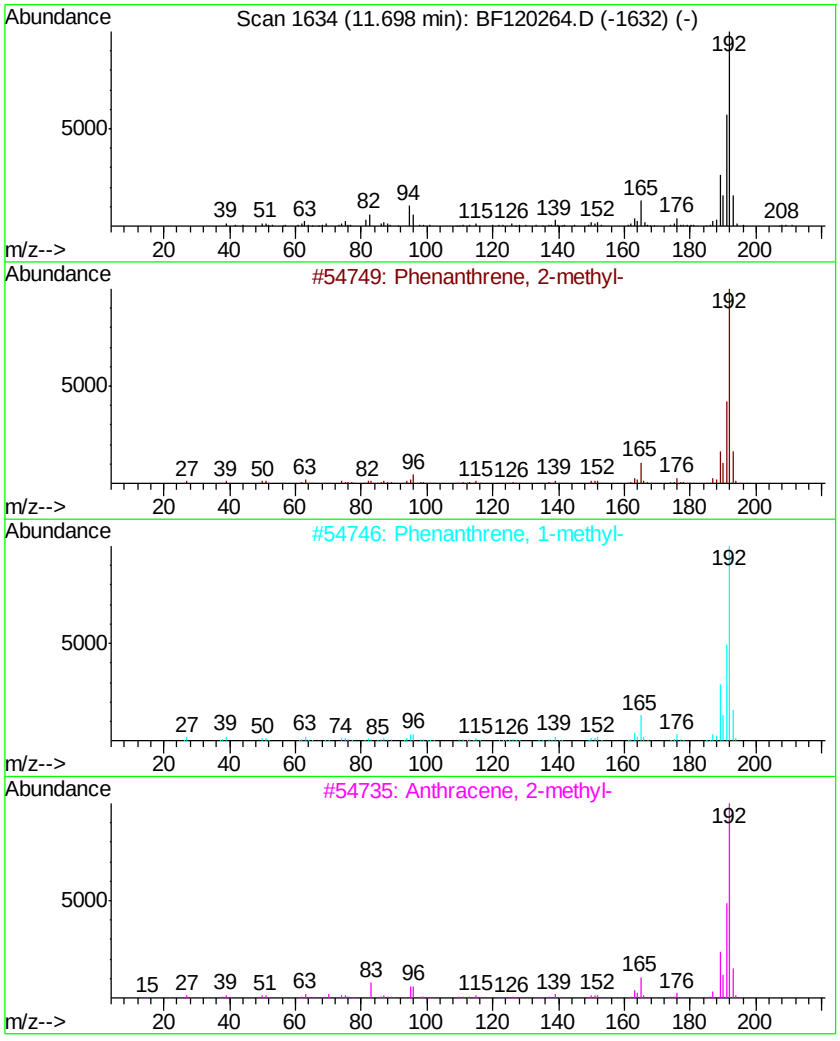
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

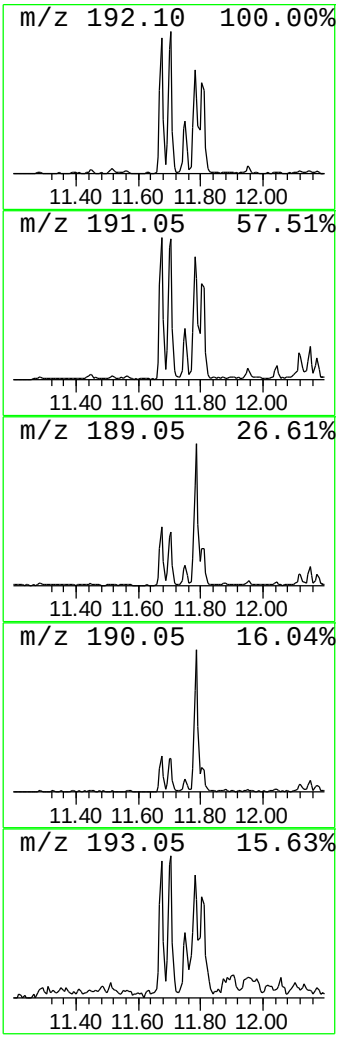
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	6.49 ng	372939	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120264.D
Acq On : 1 May 2020 17:58
Operator : MA/SJ
Sample : L2376-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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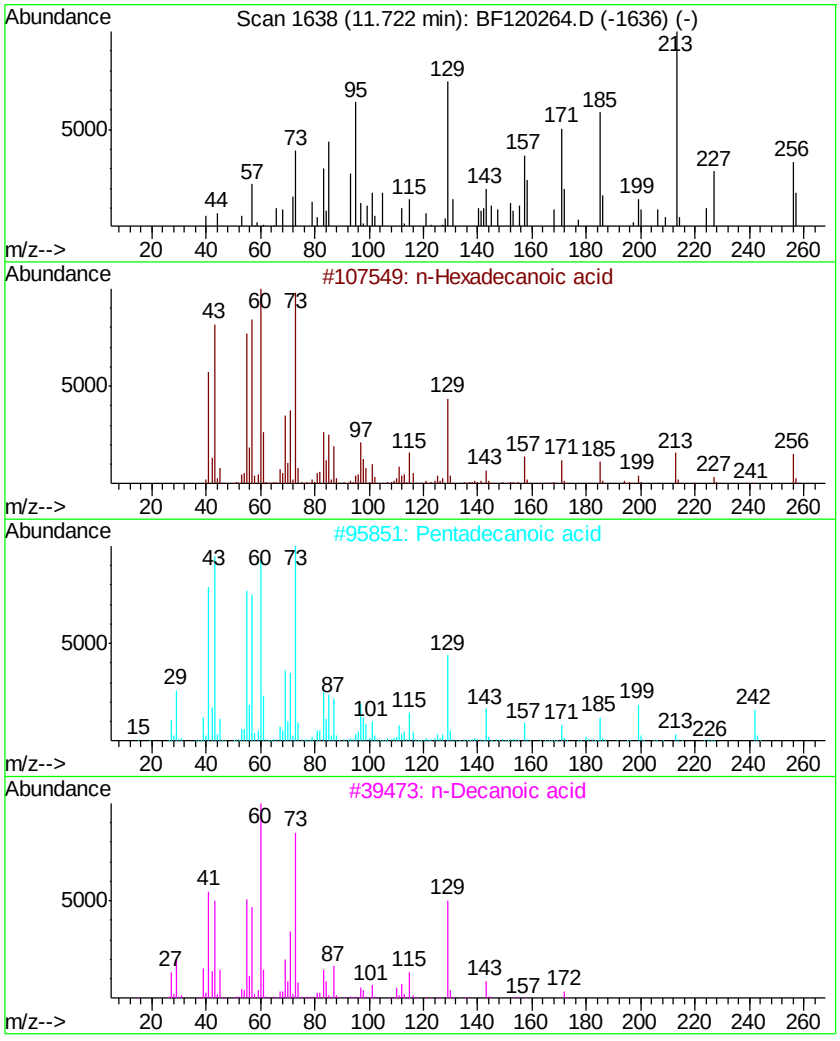
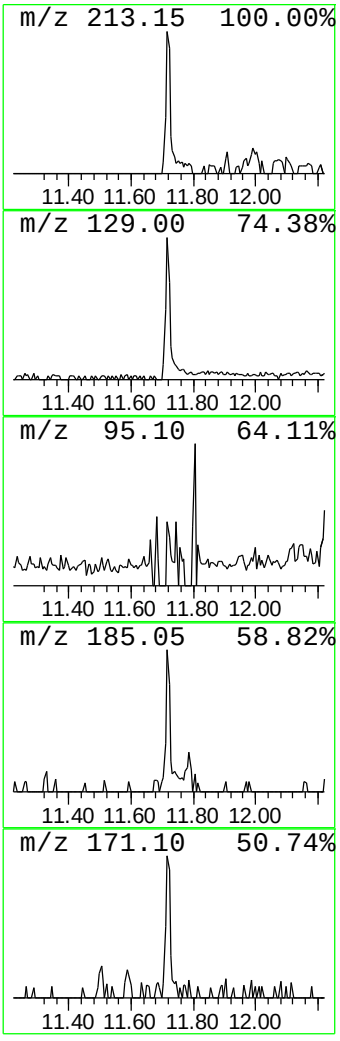
Peak Number 4 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	5.01 ng	287624	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	n-Decanoic acid	172	C10H20O2	000334-48-5	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120264.D
Acq On : 1 May 2020 17:58
Operator : MA/SJ
Sample : L2376-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

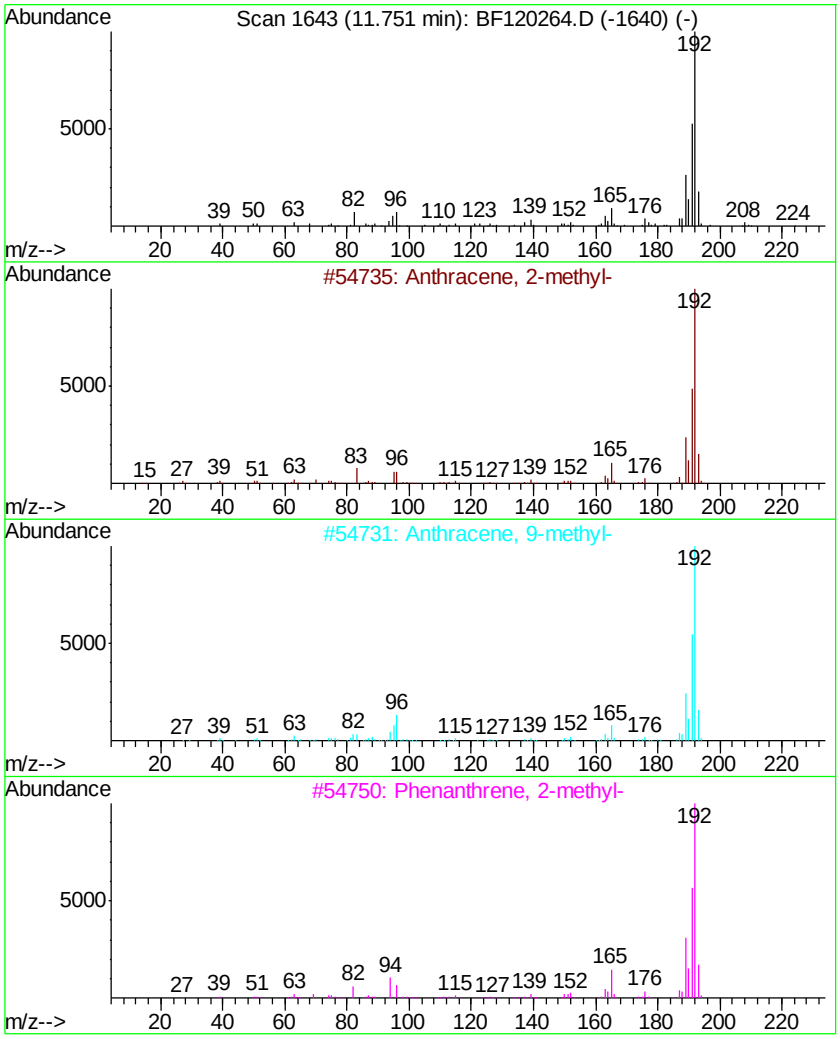
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

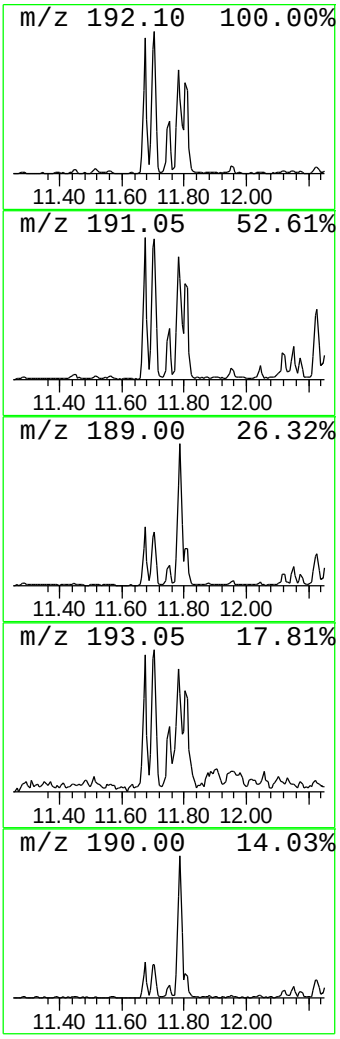
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.60 ng	149250	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120264.D
Acq On : 1 May 2020 17:58
Operator : MA/SJ
Sample : L2376-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

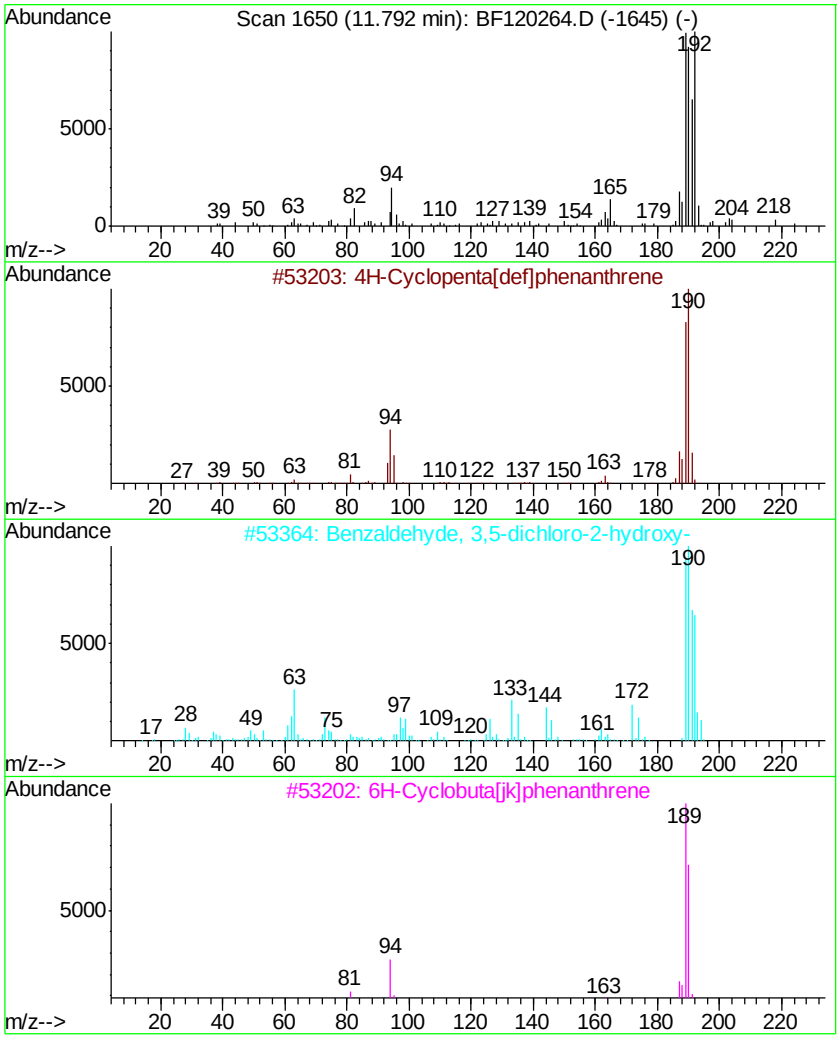
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

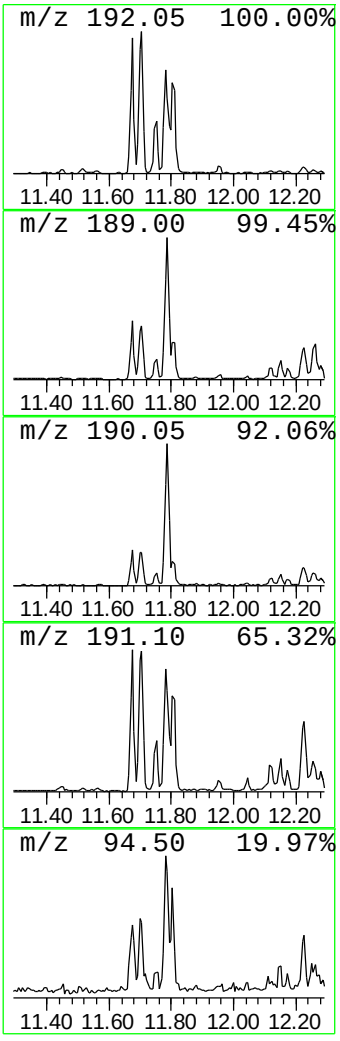
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	7.79 ng	447159	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	50
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35





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Operator : MA/SJ
Sample : L2376-04
Misc :
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ClientSampleId : TP-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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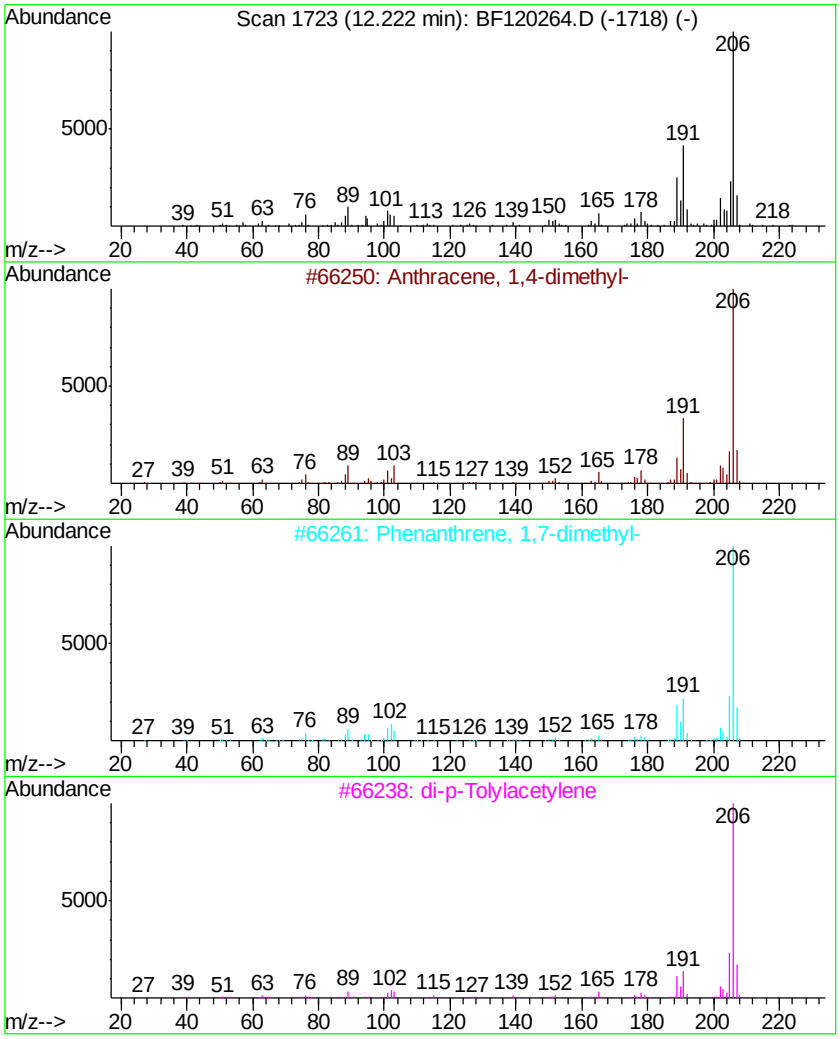
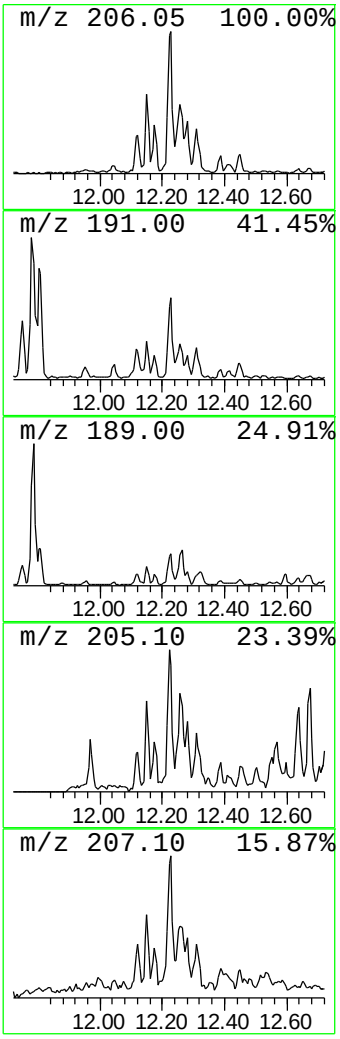
Peak Number 8 Anthracene, 1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	5.25 ng	301216	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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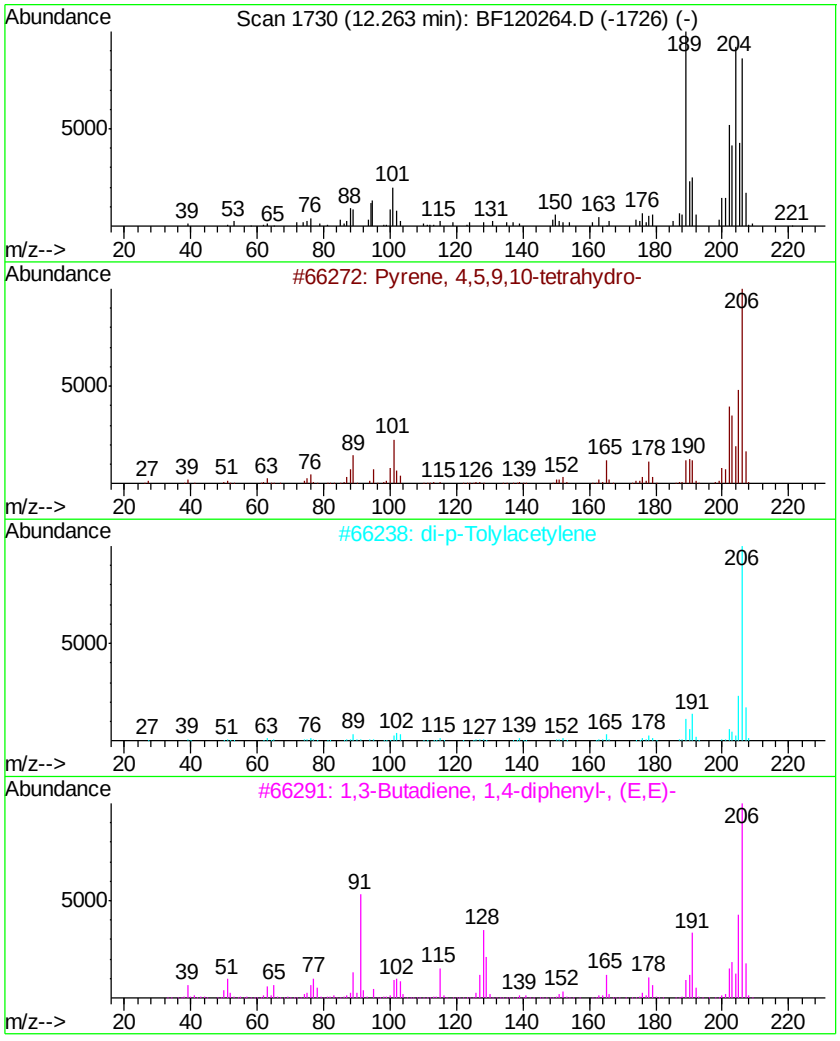
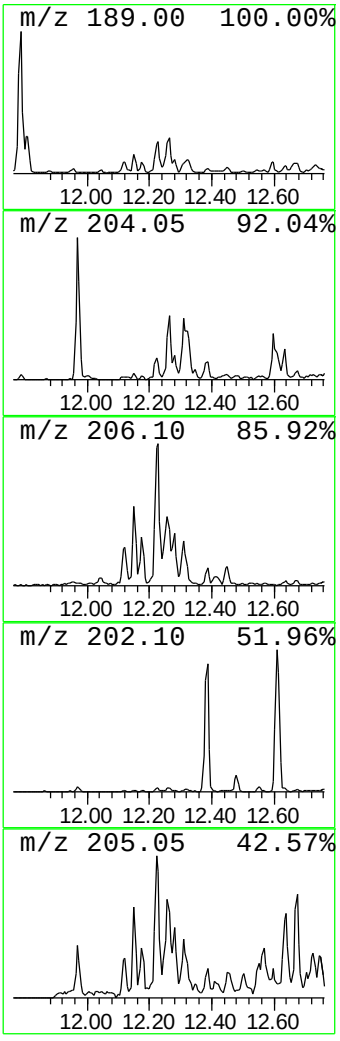
Peak Number 9 Pyrene, 4,5,9,10-tetrahydro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	3.92 ng	225120	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	50
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	49
3	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	43
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	43
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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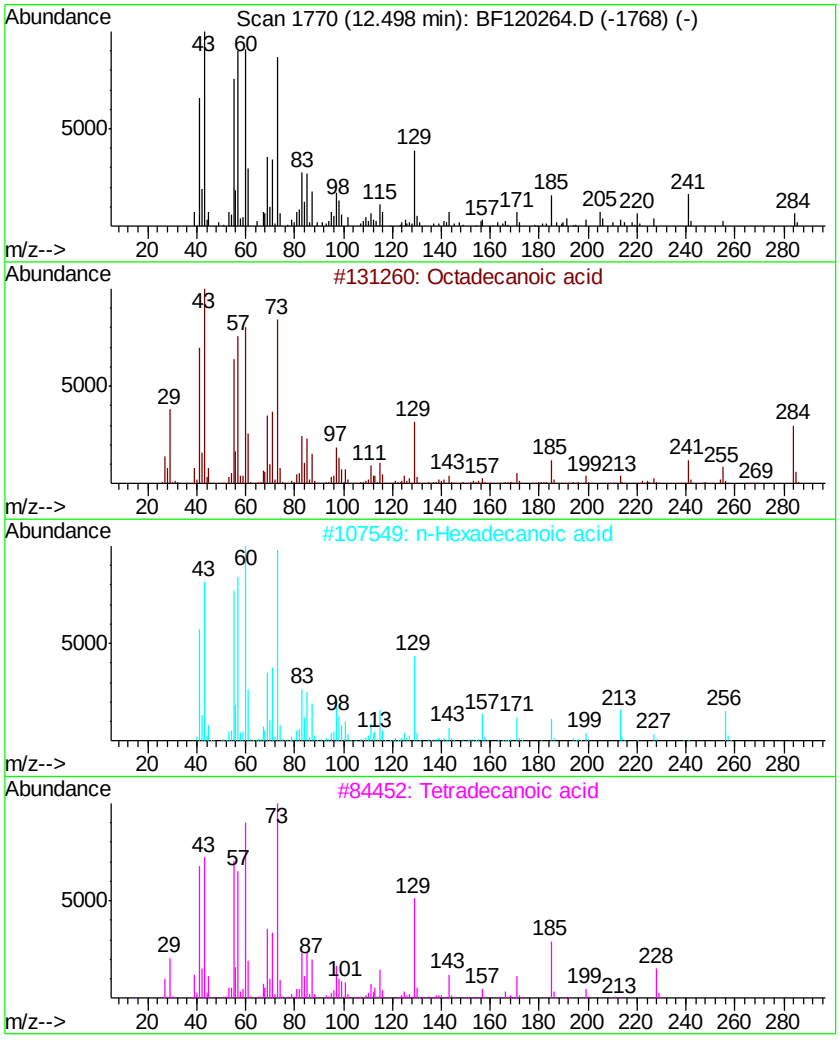
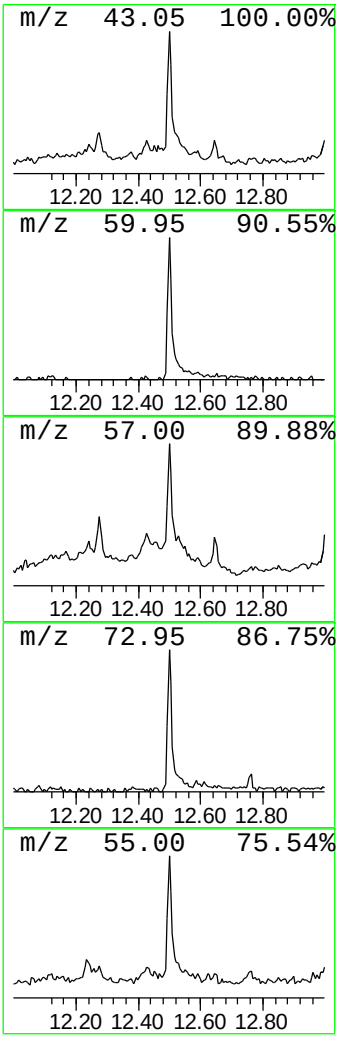
Peak Number 10 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	2.80 ng	207928	Chrysene-d12	13.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	90
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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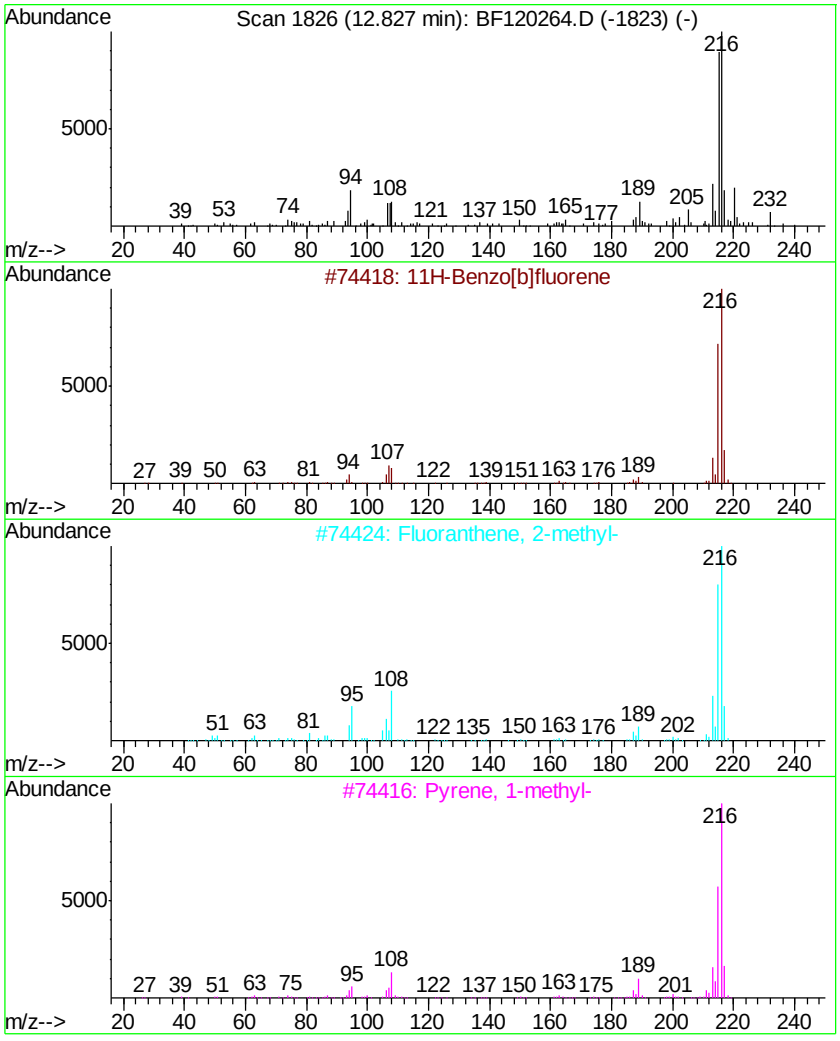
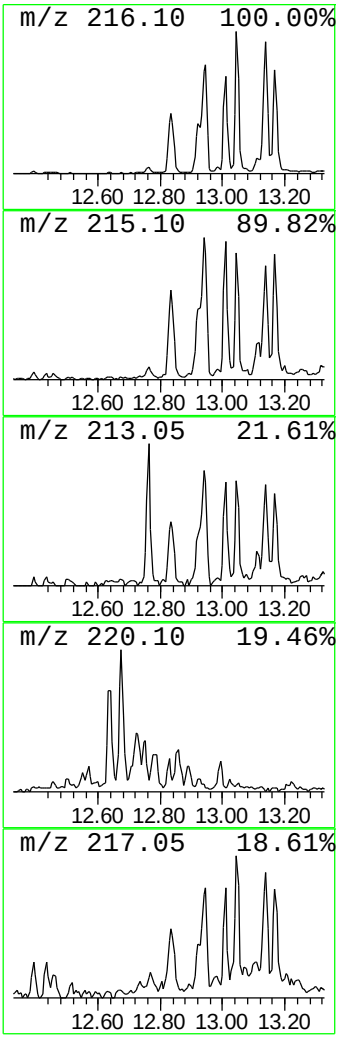
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	2.67 ng	198439	Chrysene-d12	13.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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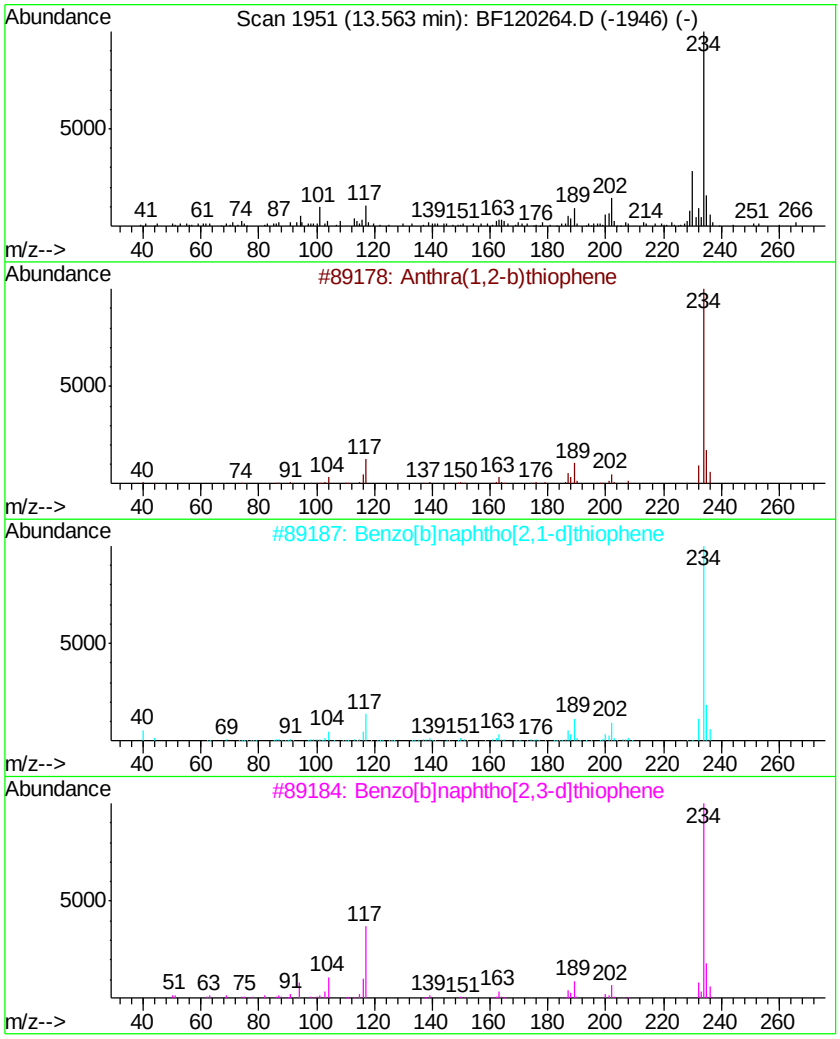
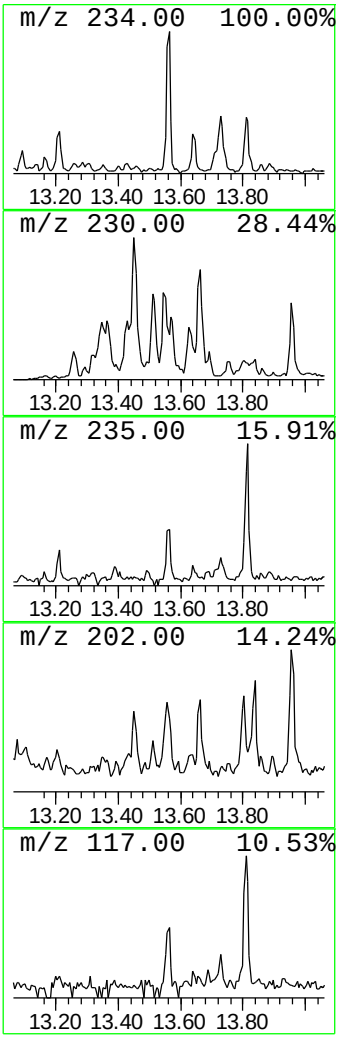
Peak Number 12 Anthra(1,2-b)thiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	2.65 ng	197143	Chrysene-d12	13.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	83
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	78
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	64
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	49
5	7,8-Dimethoxy-5-nitroisoquinoline	234	C11H10N2O4	1000213-88-3	38





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Misc :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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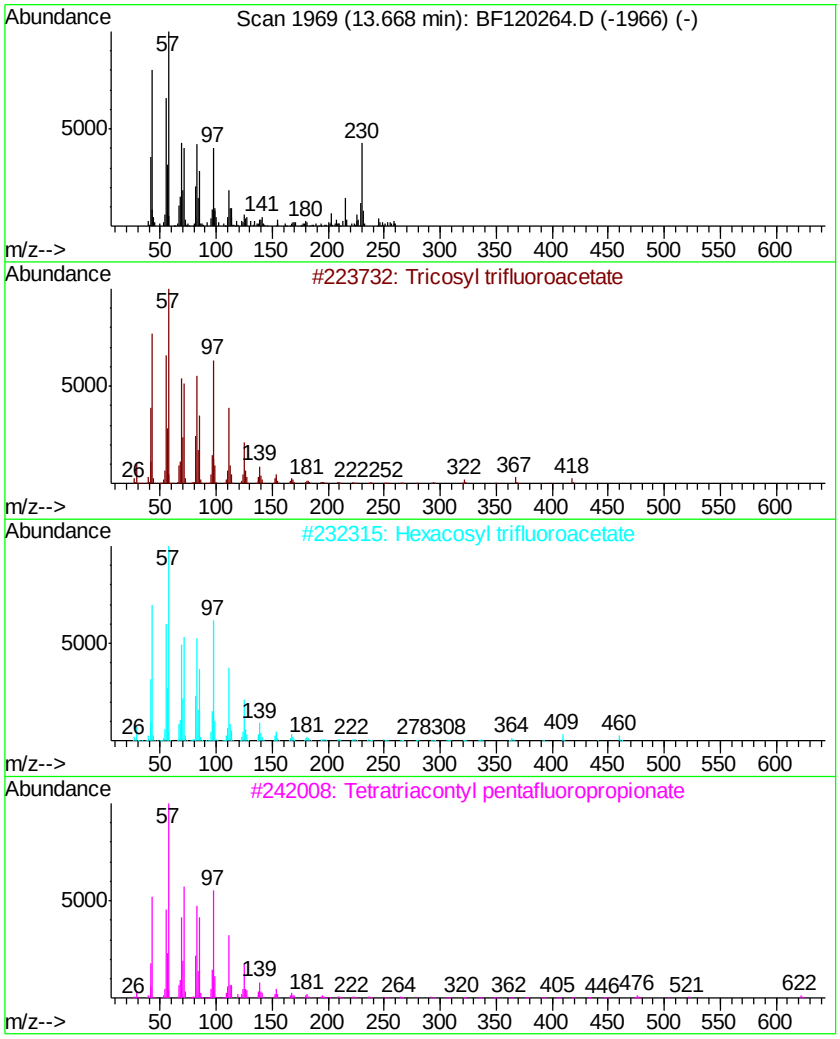
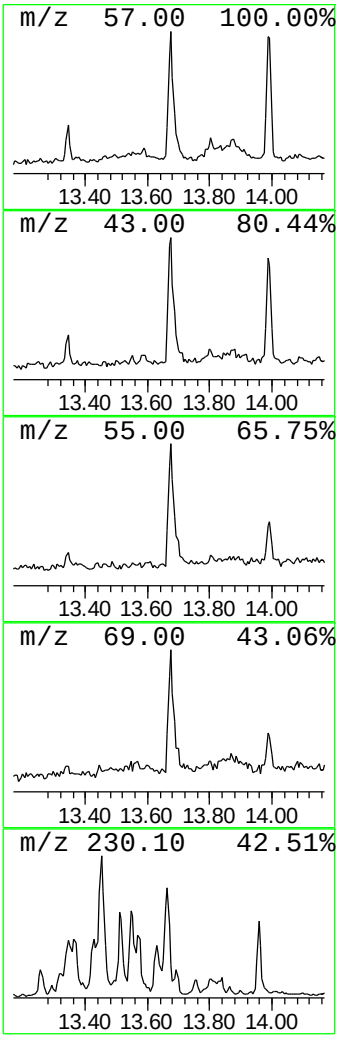
Peak Number 13 Tricosyl trifluoroacetate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	4.79 ng	355972	Chrysene-d12	13.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
2	Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	91
3	Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	91
4	Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	91
5	Heptacosyl pentafluoropropionate	542	C30H55F5O2	1000351-81-6	91





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Misc :
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Instrument : BNA_F
ClientSampleId : TP-4

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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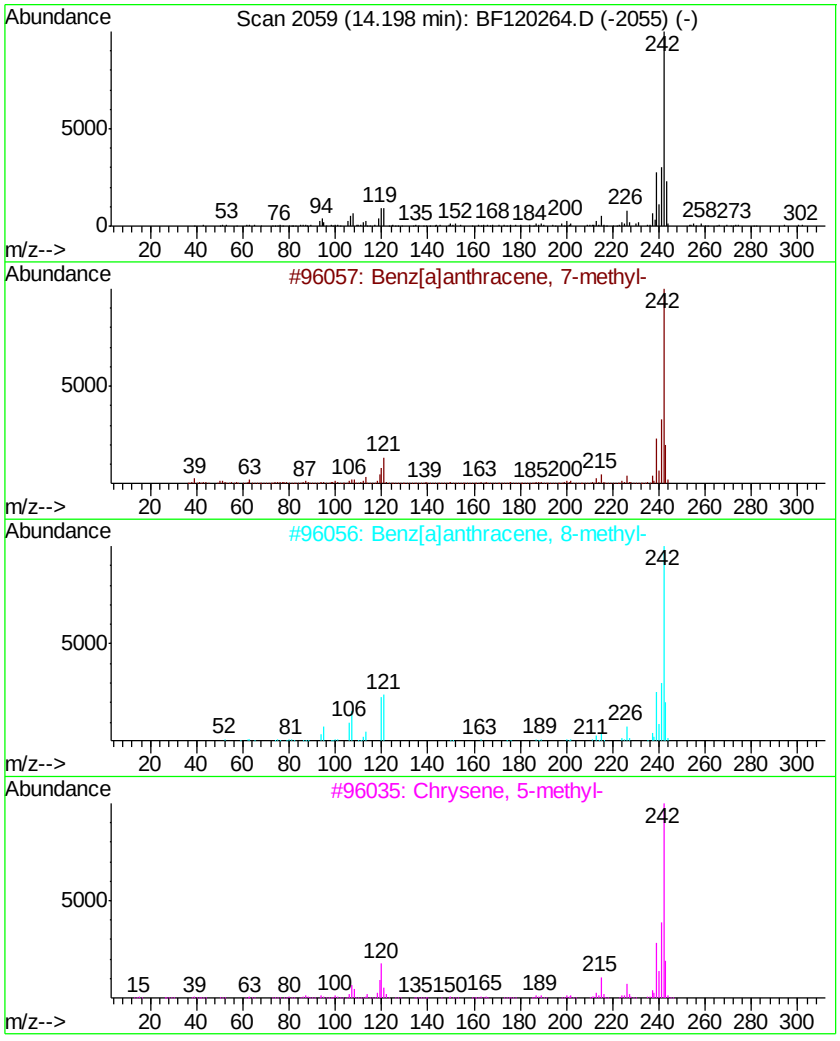
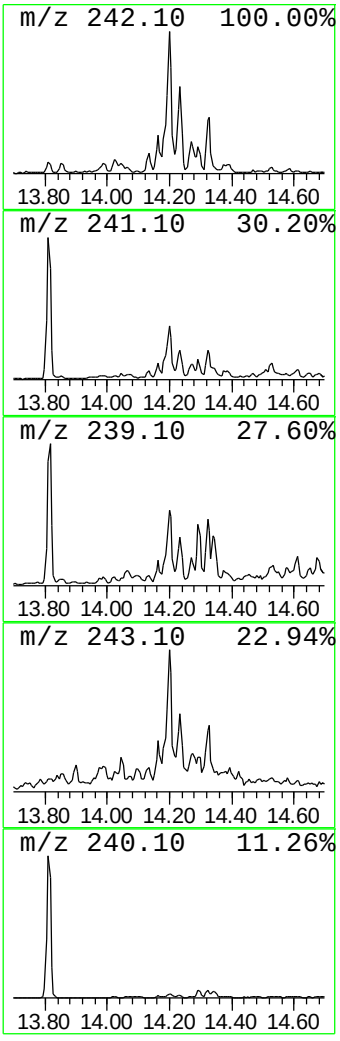
Peak Number 14 Benz[a]anthracene, 7-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	3.21 ng	238785	Chrysene-d12	13.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89
3	Chrysene, 5-methyl-	242	C19H14	003697-24-3	86
4	Chrysene, 3-methyl-	242	C19H14	003351-31-3	86
5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	86





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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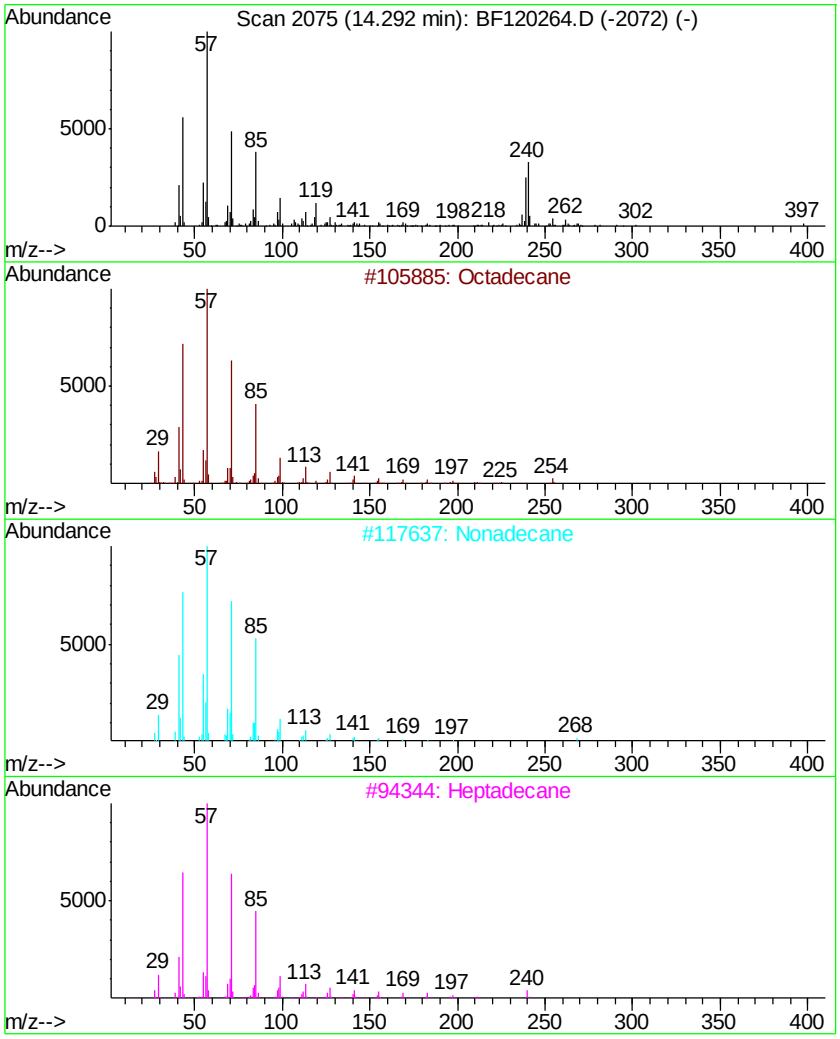
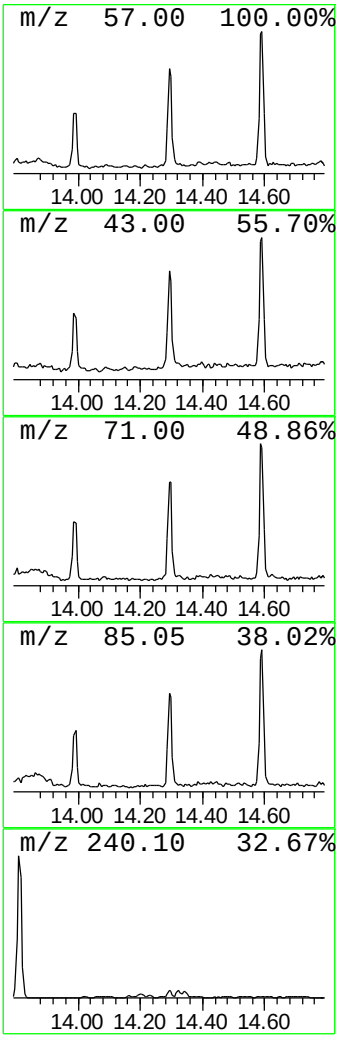
Peak Number 15 Octadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	3.19 ng	236882	Chrysene-d12	13.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	78
2	Nonadecane	268	C19H40	000629-92-5	64
3	Heptadecane	240	C17H36	000629-78-7	62
4	Octacosane	394	C28H58	000630-02-4	49
5	Tetracosane	338	C24H50	000646-31-1	49





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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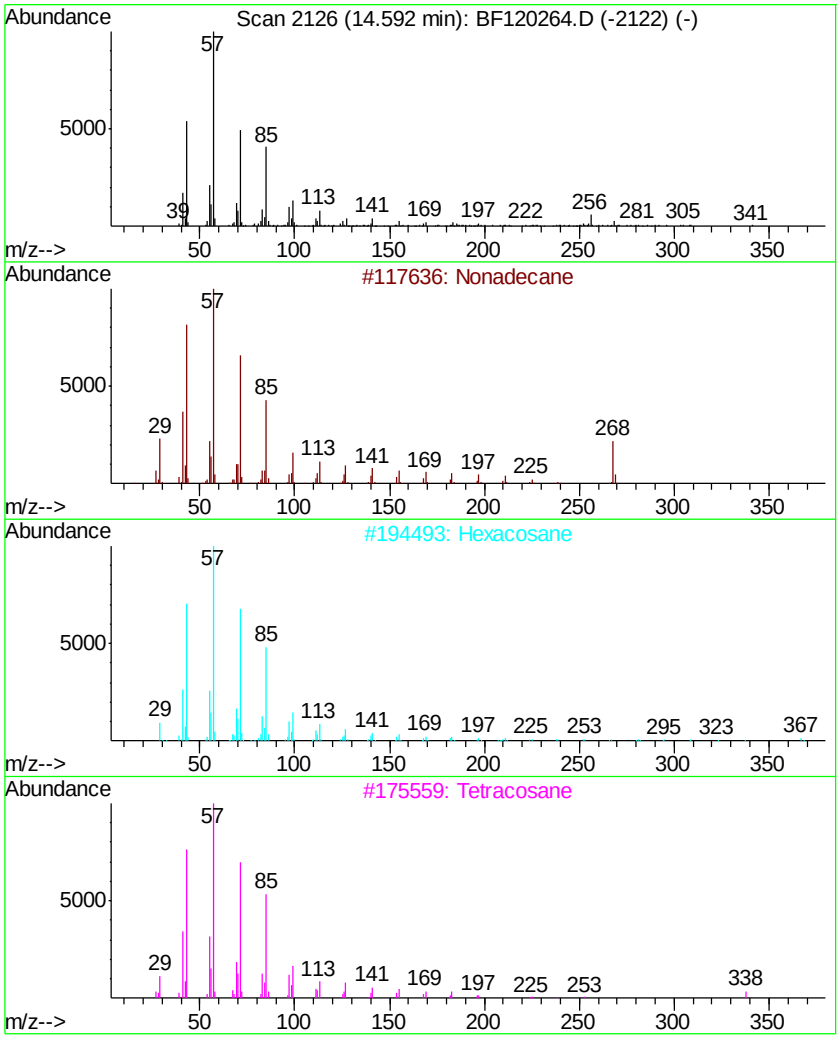
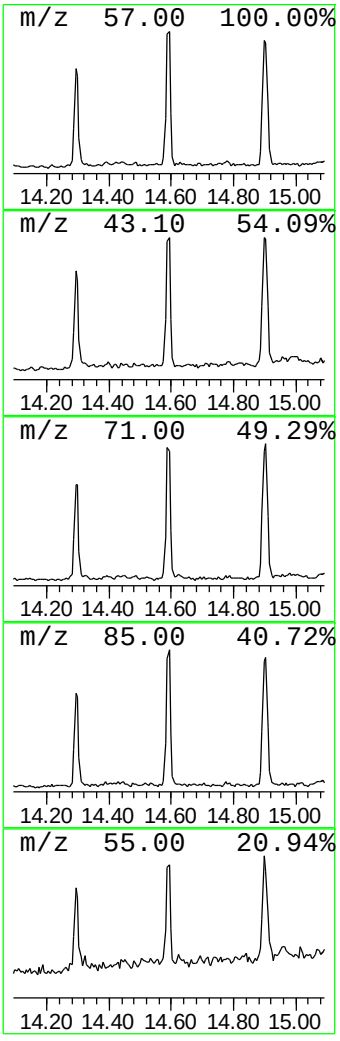
Peak Number 16 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	7.74 ng	327253	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Hexacosane	366	C26H54	000630-01-3	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Octadecane	254	C18H38	000593-45-3	83





Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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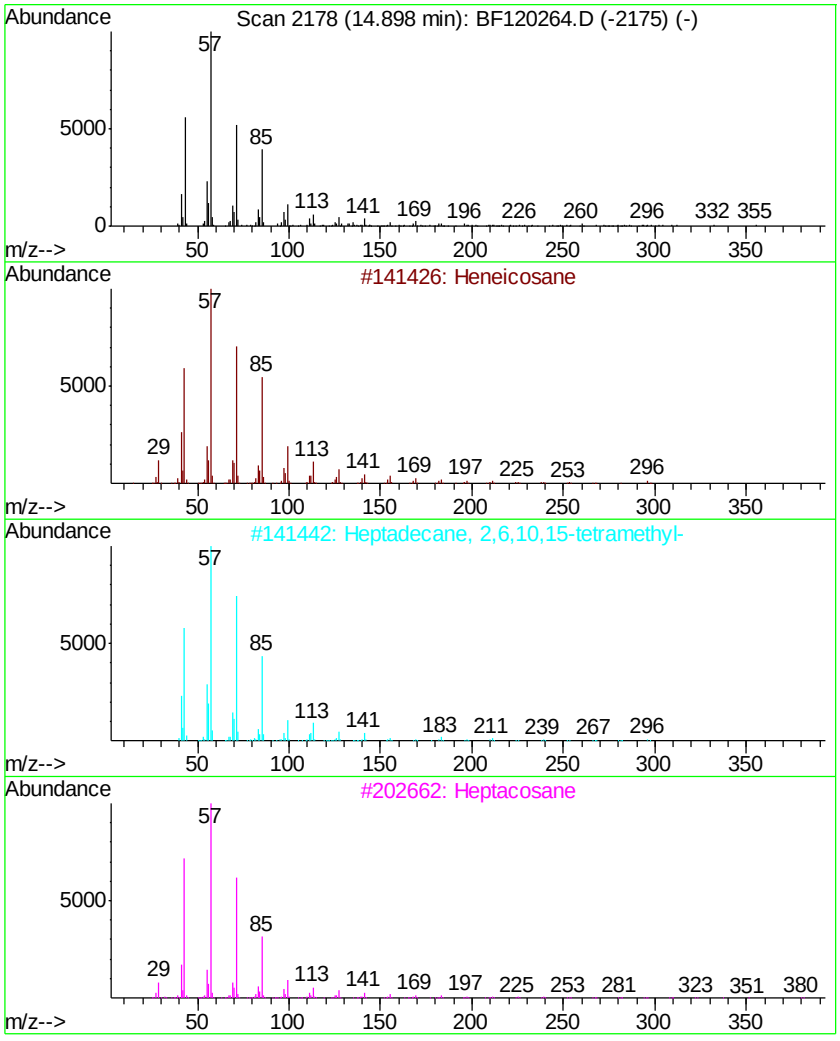
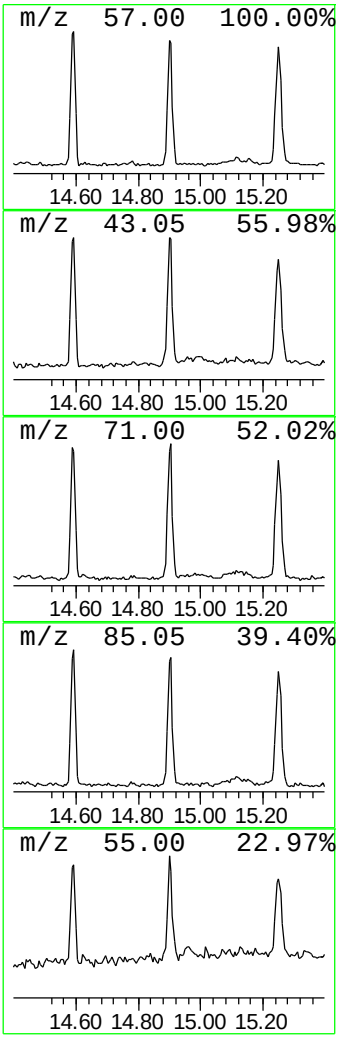
Peak Number 17 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	9.18 ng	388154	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3	Heptacosane	380	C27H56	000593-49-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Octadecane	254	C18H38	000593-45-3	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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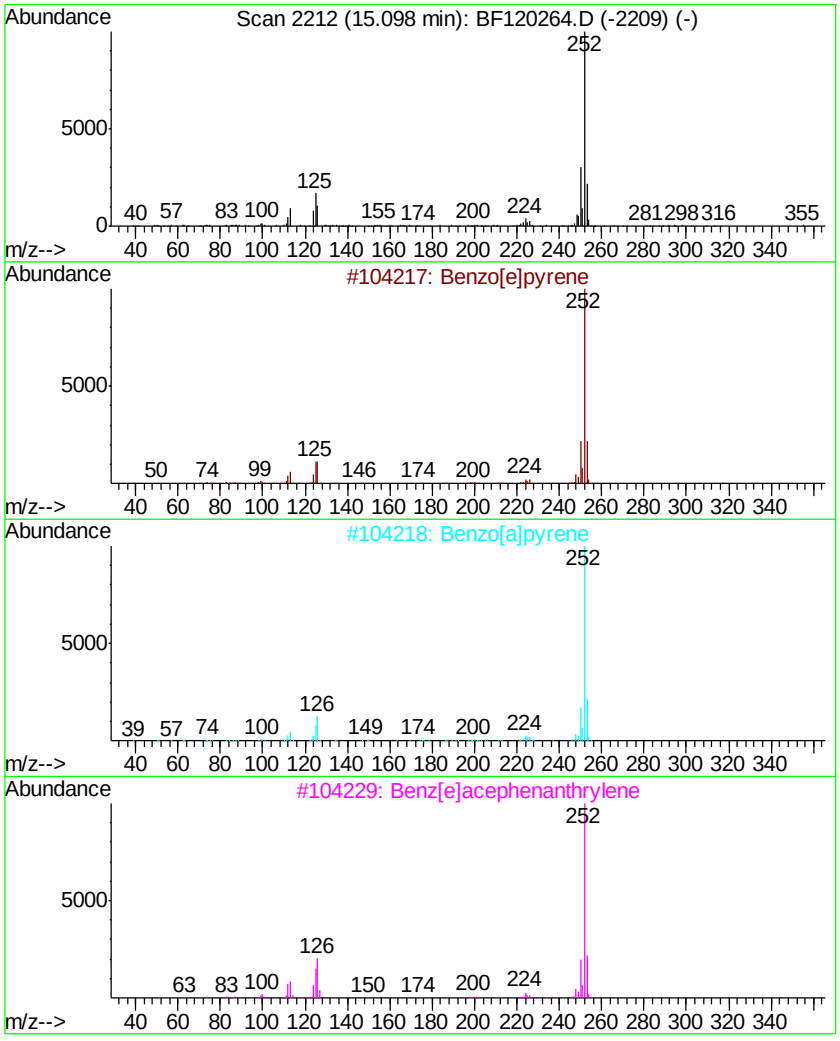
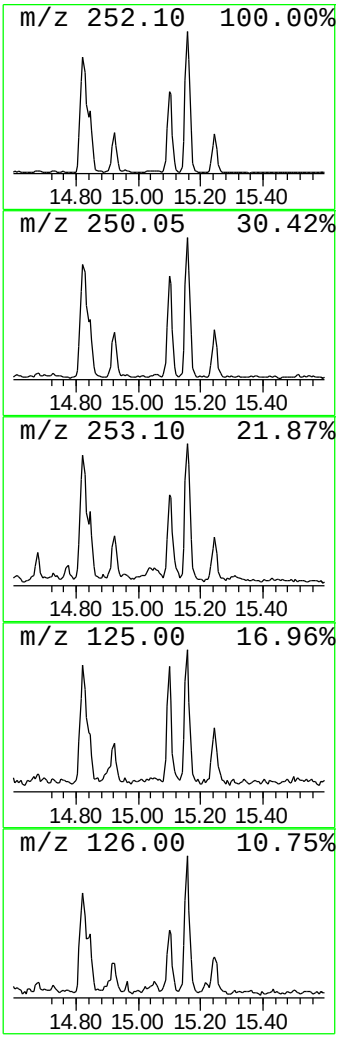
Peak Number 18 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	7.41 ng	313241	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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Misc :
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Instrument : BNA_F
ClientSampleId : TP-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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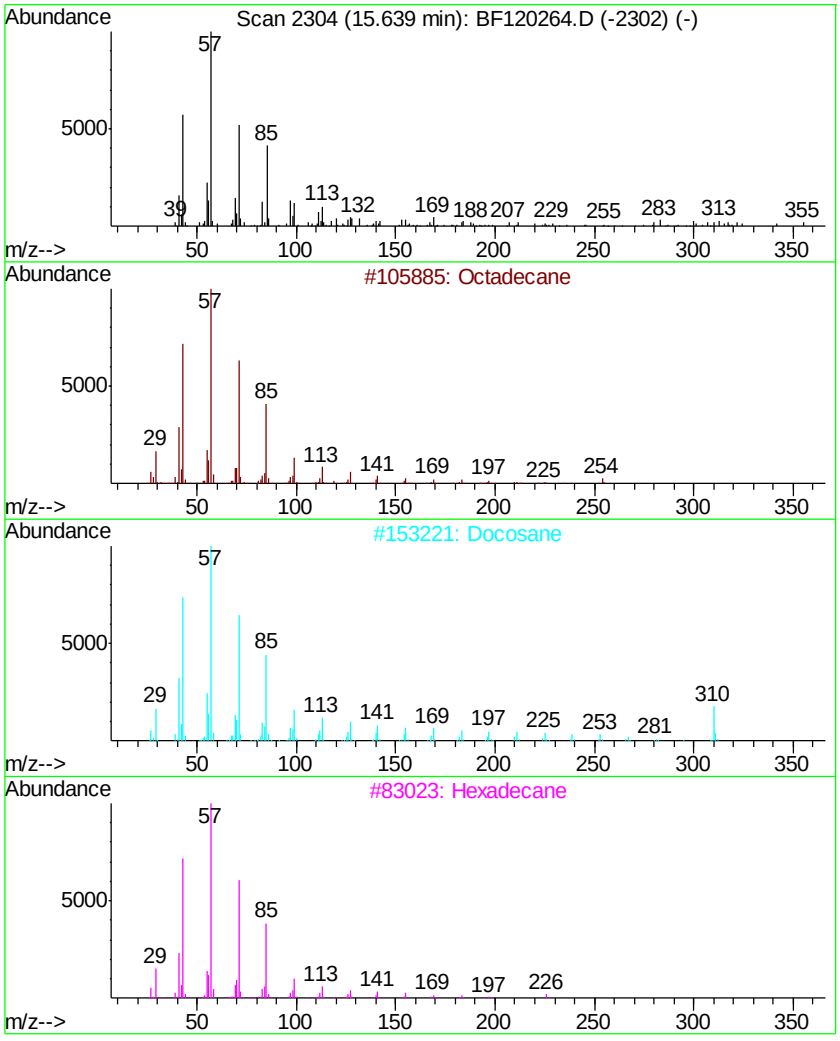
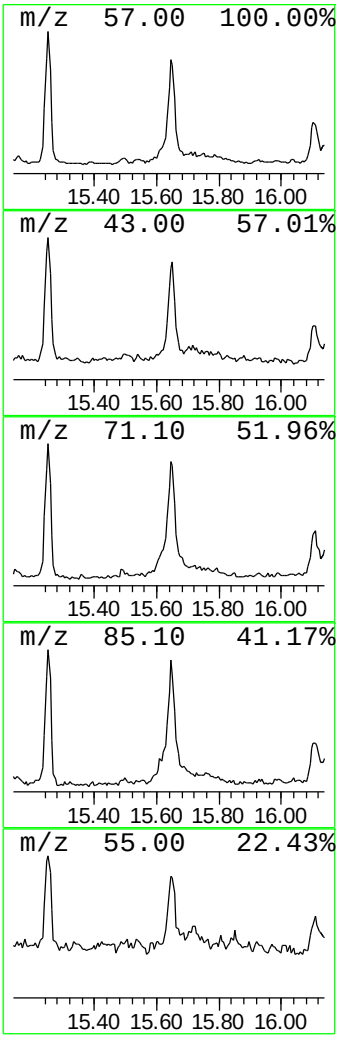
Peak Number 19 Docosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	5.33 ng	225235	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	74
2	Docosane	310	C22H46	000629-97-0	64
3	Hexadecane	226	C16H34	000544-76-3	60
4	Octacosane	394	C28H58	000630-02-4	58
5	Tetratetracontane	619	C44H90	007098-22-8	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF050120\
Data File : BF120264.D
Acq On : 1 May 2020 17:58
Operator : MA/SJ
Sample : L2376-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenanthrene, 2-m...	11.67	4.5	ng	257561	4	11.17	1148550	20.0
Phenanthrene, 1-m...	11.70	6.5	ng	372939	4	11.17	1148550	20.0
n-Hexadecanoic acid	11.72	5.0	ng	287624	4	11.17	1148550	20.0
Anthracene, 2-met...	11.75	2.6	ng	149250	4	11.17	1148550	20.0
4H-Cyclopenta[def...	11.79	7.8	ng	447159	4	11.17	1148550	20.0
Anthracene, 1,4-d...	12.22	5.3	ng	301216	4	11.17	1148550	20.0
Pyrene, 4,5,9,10-...	12.26	3.9	ng	225120	4	11.17	1148550	20.0
Octadecanoic acid	12.50	2.8	ng	207928	5	13.81	1486470	20.0
11H-Benzo[b]fluorene	12.83	2.7	ng	198439	5	13.81	1486470	20.0
Anthra(1,2-b)thio...	13.56	2.6	ng	197143	5	13.81	1486470	20.0
Tricosyl trifluor...	13.67	4.8	ng	355972	5	13.81	1486470	20.0
Benz[a]anthracene...	14.20	3.2	ng	238785	5	13.81	1486470	20.0
Octadecane	14.29	3.2	ng	236882	5	13.81	1486470	20.0
Nonadecane	14.59	7.7	ng	327253	6	15.22	845828	20.0
Heneicosane	14.90	9.2	ng	388154	6	15.22	845828	20.0
Benzo[e]pyrene	15.10	7.4	ng	313241	6	15.22	845828	20.0
Docosane	15.64	5.3	ng	225235	6	15.22	845828	20.0