LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115774.D
Acq On : 25 Jul 2019 22:40
Operator : HP/JU
Sample : K3983-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

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-BF071219.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	2.151	5	11	22	rVB	647328	863474	23.96%	1.421%
2	5.492	575	579	600	rBV	2851914	2820475	78.25%	4.642%
3	6.498	745	750	765	rBV	2672615	3065565	85.05%	5.045%
4	6.639	770	774	778	rBV	3208414	3075409	85.32%	5.061%
5	6.869	810	813	817	rBV	1054140	832590	23.10%	1.370%
6	7.028	836	840	843	rBV	2822459	2447538	67.90%	4.028%
7	7.428	903	908	911	rBV	2091228	1937356	53.75%	3.188%
8	8.151	1027	1031	1034	rBV	1120461	1034921	28.71%	1.703%
9	9.227	1209	1214	1224	rBV	3399103	3542070	98.27%	5.829%
10	9.616	1277	1280	1289	rVB	843793	699111	19.40%	1.151%
11	9.763	1302	1305	1313	rVB	78415	67209	1.86%	0.111%
12	9.904	1323	1329	1332	rBV	1493185	1278743	35.48%	2.104%
13	9.933	1332	1334	1338	rVB	139844	130888	3.63%	0.215%
14	10.110	1360	1364	1368	rBV	100436	112857	3.13%	0.186%
15	10.451	1419	1422	1427	rVB	134864	127726	3.54%	0.210%
16	10.610	1446	1449	1453	rVB2	61360	61722	1.71%	0.102%
17	10.692	1459	1463	1475	rBV	2518306	2473587	68.63%	4.071%
18	10.816	1480	1484	1491	rVB5	41777	63711	1.77%	0.105%
19	10.998	1509	1515	1518	rBV3	47641	68975	1.91%	0.114%
20	11.127	1532	1537	1539	rBV3	48654	55573	1.54%	0.091%
21	11.192	1545	1548	1553	rVB	137487	124398	3.45%	0.205%
22	11.239	1553	1556	1561	rVV3	50466	94164	2.61%	0.155%
23	11.286	1561	1564	1569	rVB	121495	117007	3.25%	0.193%
24	11.386	1577	1581	1583	rBV	1308063	1285508	35.67%	2.116%
25	11.416	1583	1586	1589	rVV	2024368	1793514	49.76%	2.952%
26	11.463	1589	1594	1597	rVV	496003	486972	13.51%	0.801%
27	11.498	1597	1600	1606	rVB2	80751	93571	2.60%	0.154%
28	11.616	1615	1620	1622	rBV2	256871	288049	7.99%	0.474%
29	11.639	1622	1624	1629	rVV4	139541	280220	7.77%	0.461%
30	11.680	1629	1631	1636	rVV2	125886	171995	4.77%	0.283%
31	11.721	1636	1638	1643	rVB3	71884	81025	2.25%	0.133%
32	11.892	1661	1667	1668	rBV	254796	237403	6.59%	0.391%
33	11.916	1668	1671	1675	rVV	1075187	1075527	29.84%	1.770%
34	11.963	1677	1679	1682	rVV	146146	153968	4.27%	0.253%

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Misc :
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Instrument : BNA_F
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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-BF071219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.004	1682	1686	1688	rVV2	387467	433514	12.03%	0.713%
36	12.021	1688	1689	1694	rVB	185333	154222	4.28%	0.254%
37	12.068	1694	1697	1699	rBV2	43060	48623	1.35%	0.080%
38	12.092	1699	1701	1704	rVB3	51911	47445	1.32%	0.078%
39	12.186	1713	1717	1719	rBV	188389	169758	4.71%	0.279%
40	12.210	1719	1721	1725	rVB	187181	153456	4.26%	0.253%
41	12.333	1737	1742	1745	rBV2	82215	94959	2.63%	0.156%
42	12.368	1745	1748	1750	rVV	57463	52985	1.47%	0.087%
43	12.392	1750	1752	1754	rVB	63823	50636	1.40%	0.083%
44	12.439	1754	1760	1763	rBV	175915	232821	6.46%	0.383%
45	12.474	1763	1766	1769	rVV2	124399	148722	4.13%	0.245%
46	12.527	1772	1775	1780	rVB	191429	209902	5.82%	0.345%
47	12.604	1784	1788	1791	rBV	2861197	2601604	72.18%	4.282%
48	12.663	1796	1798	1801	rVB	78618	69990	1.94%	0.115%
49	12.698	1801	1804	1807	rBV	447285	421930	11.71%	0.694%
50	12.751	1811	1813	1816	rVB	86209	87624	2.43%	0.144%
51	12.833	1821	1827	1832	rVV	2410375	2692070	74.69%	4.430%
52	12.880	1832	1835	1839	rVV2	119371	144776	4.02%	0.238%
53	12.974	1843	1851	1858	rBV	3563255	3604388	100.00%	5.932%
54	13.051	1859	1864	1867	rBV2	163893	282231	7.83%	0.464%
55	13.074	1867	1868	1871	rVB	63358	49663	1.38%	0.082%
56	13.104	1871	1873	1875	rBV3	37038	38360	1.06%	0.063%
57	13.133	1875	1878	1880	rVV5	150540	183566	5.09%	0.302%
58	13.157	1880	1882	1885	rVB	295106	247760	6.87%	0.408%
59	13.204	1885	1890	1891	rBV3	70908	88419	2.45%	0.146%
60	13.227	1891	1894	1896	rVV	132070	129984	3.61%	0.214%
61	13.262	1896	1900	1903	rVV2	264050	315471	8.75%	0.519%
62	13.321	1907	1910	1912	rBV	45368	39299	1.09%	0.065%
63	13.357	1913	1916	1918	rBV	120453	104063	2.89%	0.171%
64	13.386	1918	1921	1924	rBV2	139294	135161	3.75%	0.222%
65	13.545	1943	1948	1953	rBV7	137765	244392	6.78%	0.402%
66	13.662	1965	1968	1973	rVB	266134	276152	7.66%	0.454%
67	13.774	1983	1987	1990	rBV2	220062	269789	7.49%	0.444%
68	13.804	1990	1992	1994	rVV	187661	148589	4.12%	0.245%
69	13.827	1994	1996	2000	rVV2	133156	175023	4.86%	0.288%
70	13.868	2001	2003	2006	rVV	273580	238453	6.62%	0.392%
71	13.910	2006	2010	2015	rVV3	79857	165783	4.60%	0.273%

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Integrator: RTE
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72	14.021	2022	2029	2033	rBV3	1648659	2884713	80.03%	4.747%
73	14.051	2033	2034	2042	rVB	1115923	975157	27.05%	1.605%
74	14.133	2046	2048	2050	rVV	149620	113349	3.14%	0.187%
75	14.186	2052	2057	2060	rVV2	239192	289998	8.05%	0.477%
76	14.251	2064	2068	2071	rVV2	117510	154434	4.28%	0.254%
77	14.286	2072	2074	2076	rVB2	52430	43457	1.21%	0.072%
78	14.409	2093	2095	2099	rVB	205974	198073	5.50%	0.326%
79	14.445	2099	2101	2105	rVB2	125245	124279	3.45%	0.205%
80	14.492	2105	2109	2114	rBV3	392291	407921	11.32%	0.671%
81	14.539	2114	2117	2119	rBV	141767	159350	4.42%	0.262%
82	14.721	2146	2148	2151	rBV2	53273	48752	1.35%	0.080%
83	14.798	2158	2161	2165	rBV	465692	431783	11.98%	0.711%
84	15.074	2202	2208	2210	rBV	1023274	1593769	44.22%	2.623%
85	15.133	2215	2218	2222	rVV2	445652	558537	15.50%	0.919%
86	15.174	2222	2225	2229	rVB	218218	218498	6.06%	0.360%
87	15.268	2237	2241	2247	rBV4	73377	173351	4.81%	0.285%
88	15.374	2254	2259	2265	rVB	626711	852188	23.64%	1.402%
89	15.433	2265	2269	2275	rBV	857171	1089335	30.22%	1.793%
90	15.498	2275	2280	2292	rBV3	913491	1963201	54.47%	3.231%
91	15.951	2353	2357	2365	rVB	290696	448446	12.44%	0.738%
92	16.456	2439	2443	2450	rVB	138541	222574	6.18%	0.366%
93	16.968	2524	2530	2538	rVB2	424152	823553	22.85%	1.355%
94	17.051	2539	2544	2552	rVB2	88763	177220	4.92%	0.292%
95	17.145	2555	2560	2565	rBV	81993	140775	3.91%	0.232%
96	17.203	2565	2570	2583	rBV4	70617	239847	6.65%	0.395%
97	17.415	2600	2606	2616	rVB	300155	618991	17.17%	1.019%
98	17.650	2641	2646	2655	rBV	74299	155928	4.33%	0.257%
99	18.580	2800	2804	2810	rBV9	28281	60996	1.69%	0.100%

Sum of corrected areas: 60762879

LSC Report - Integrated Chromatogram

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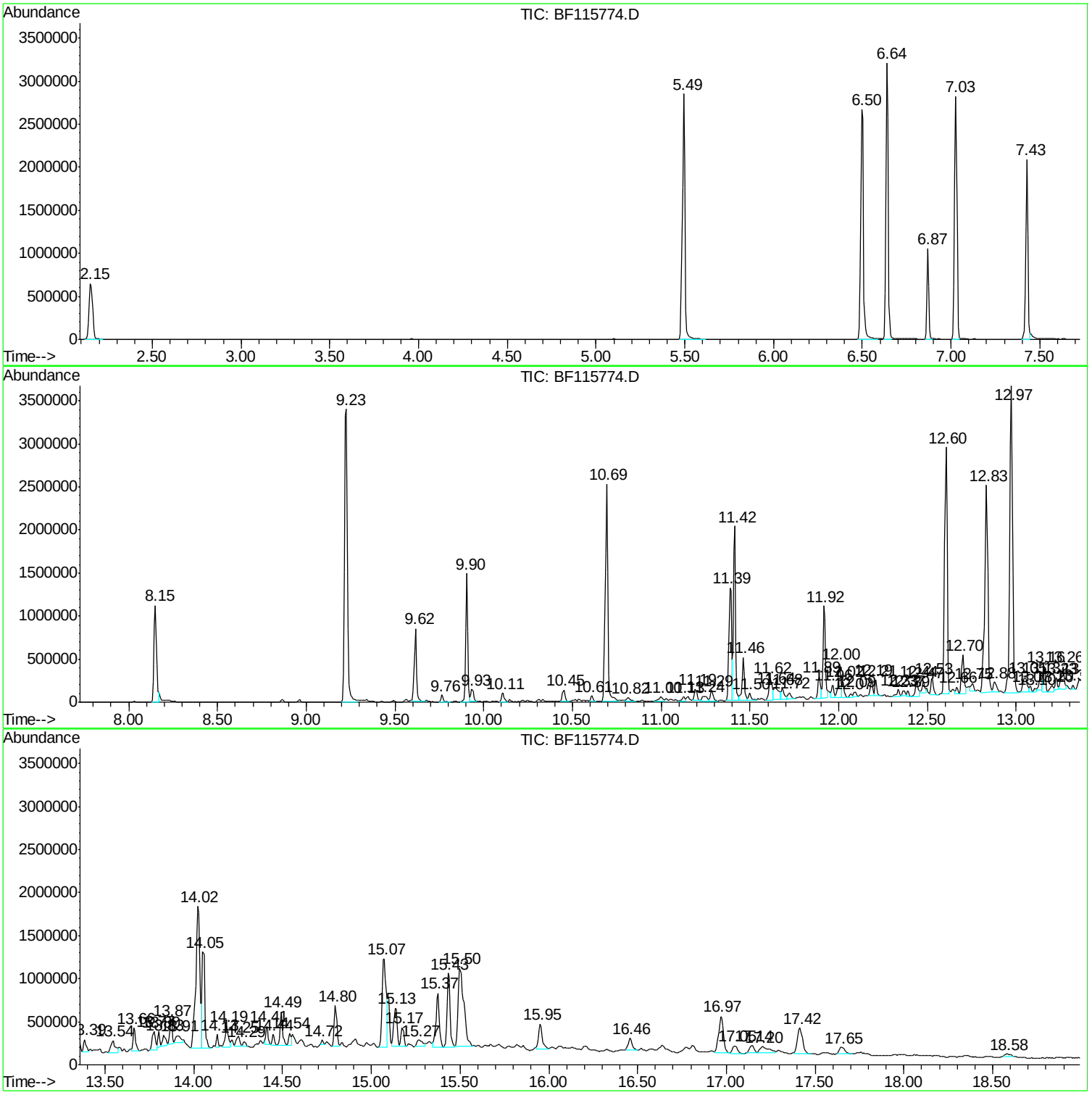
Sample : K3983-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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

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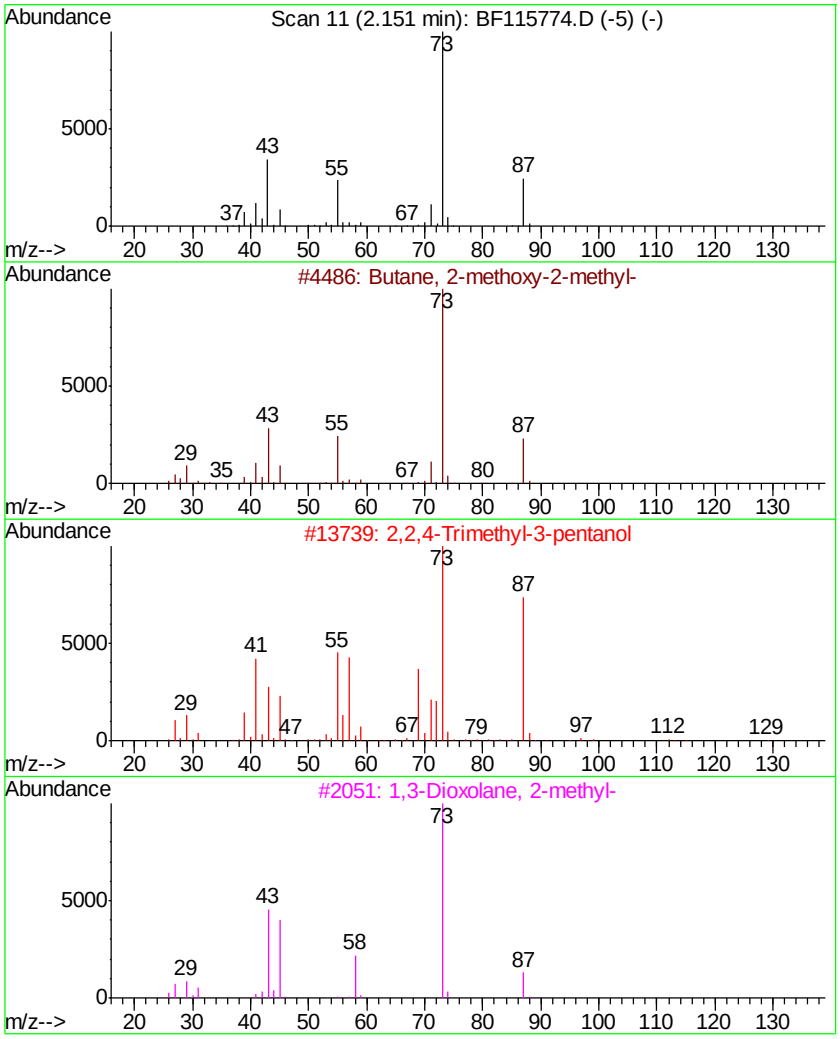
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

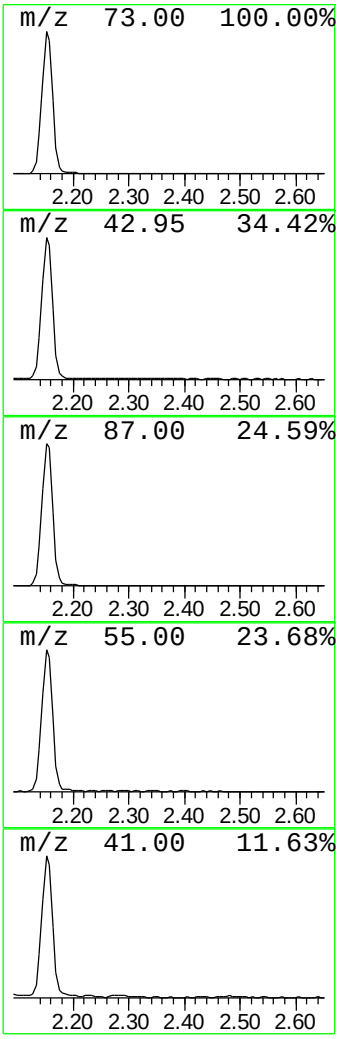
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	20.74 ng	863474	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
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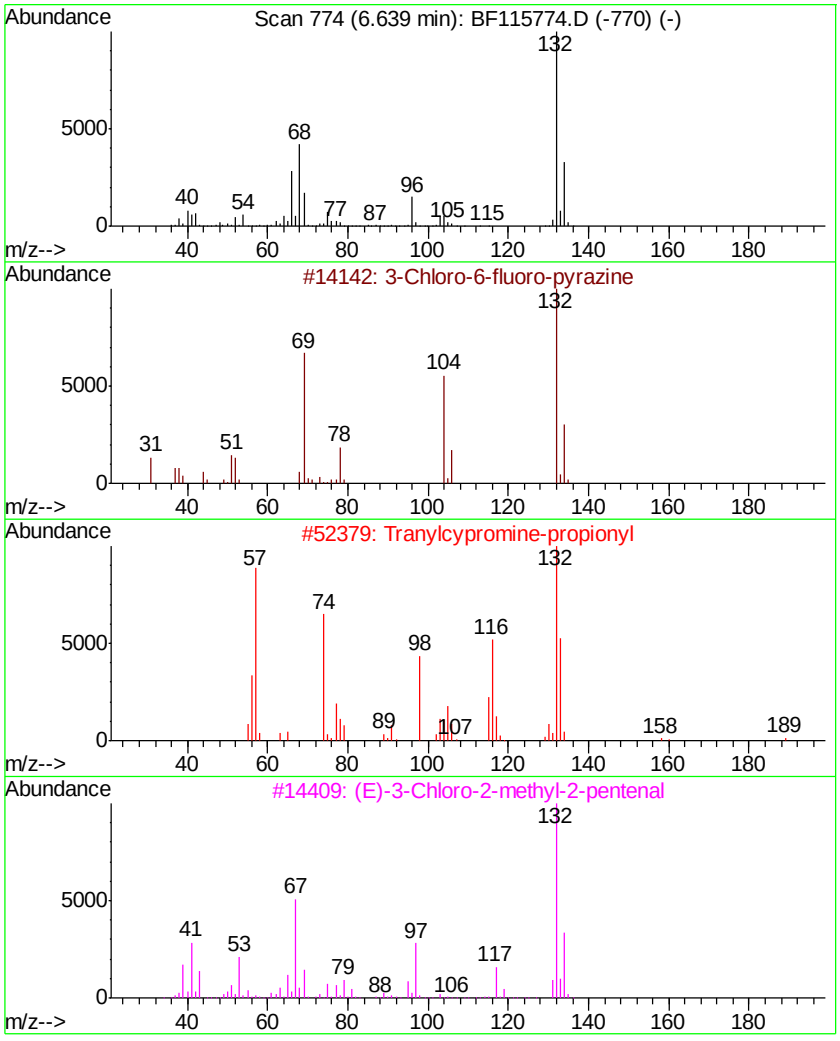
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

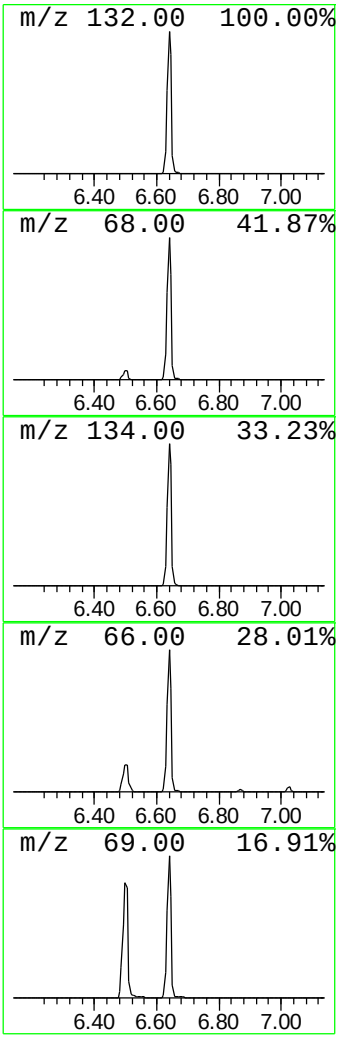
****

Peak Number 2 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	73.88 ng	3075410	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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TIC Library : C:\DATABASE\NIST11.L
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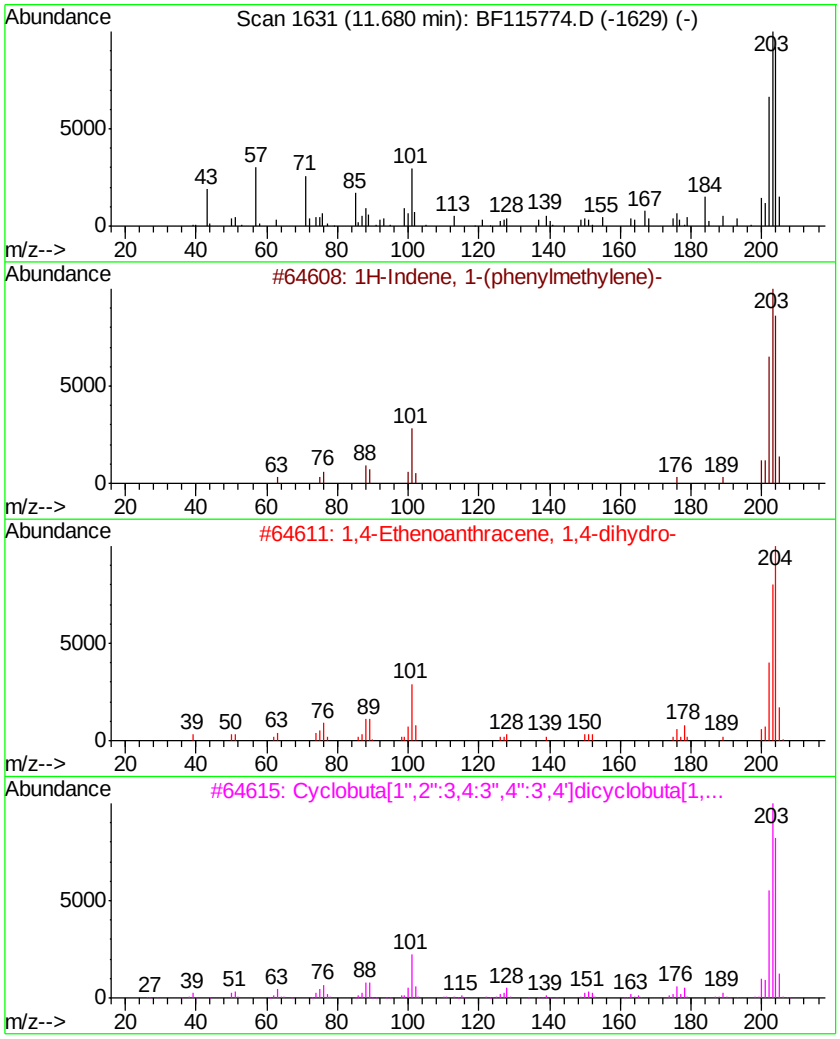
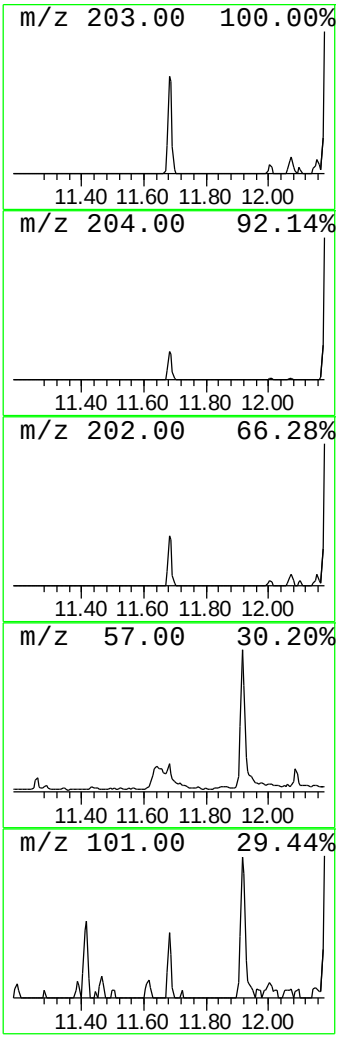
Peak Number 4 1H-Indene, 1-(phenylmethyle... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	2.68 ng	171995	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	94
2	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	89
3	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	89
4	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	89
5	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	86





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
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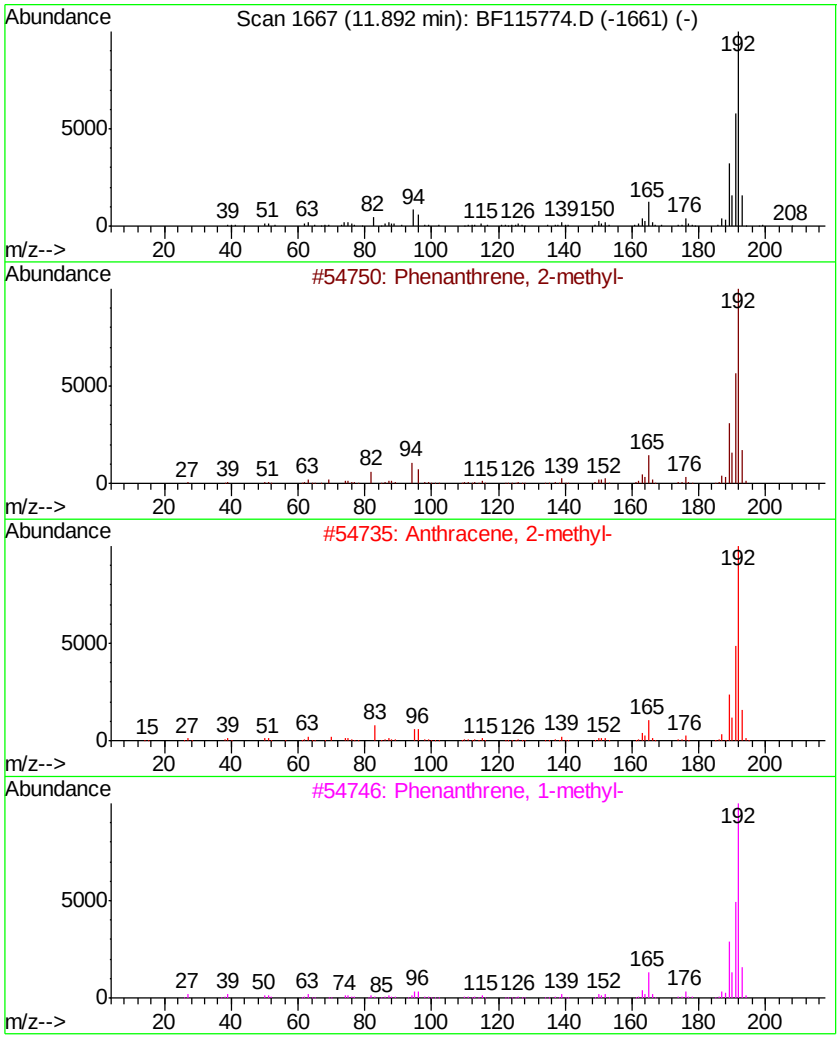
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

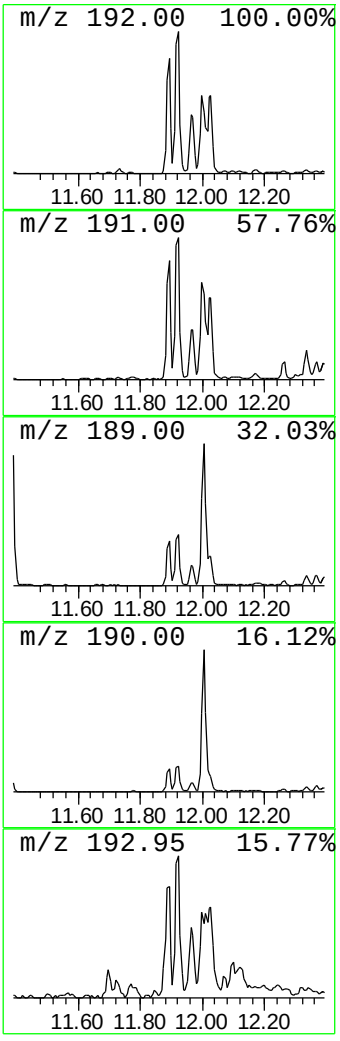
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	3.69 ng	237403	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Library Search Compound Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

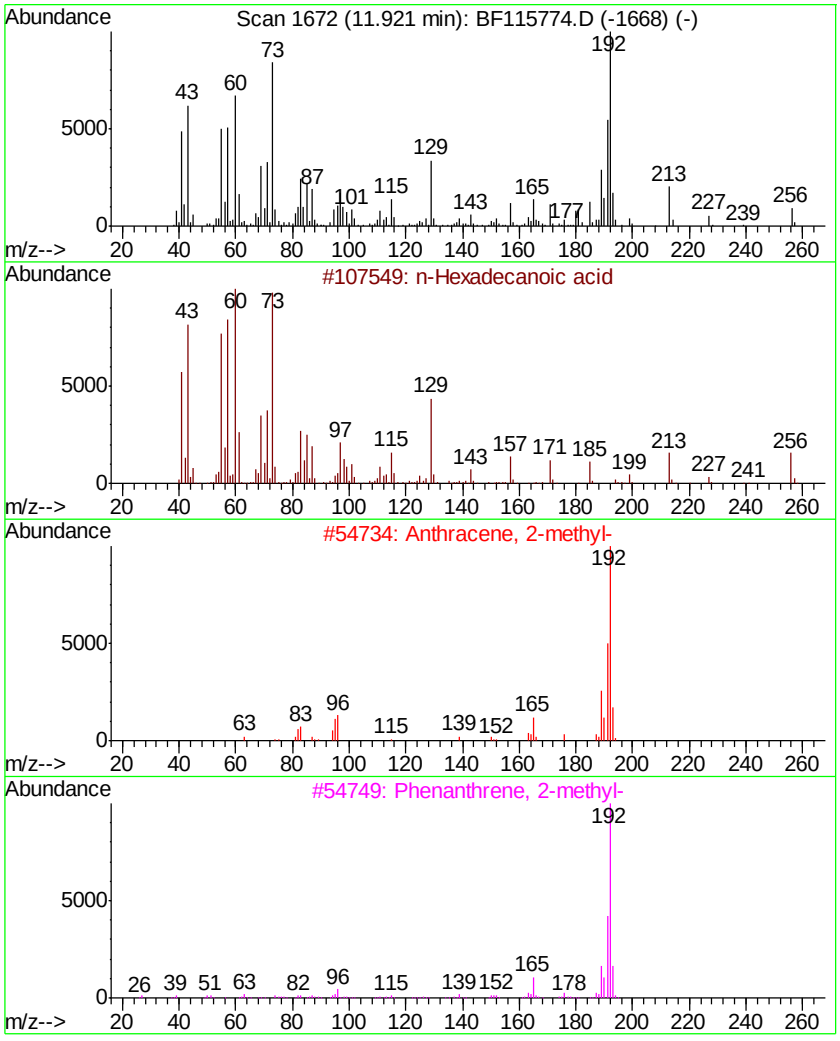
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

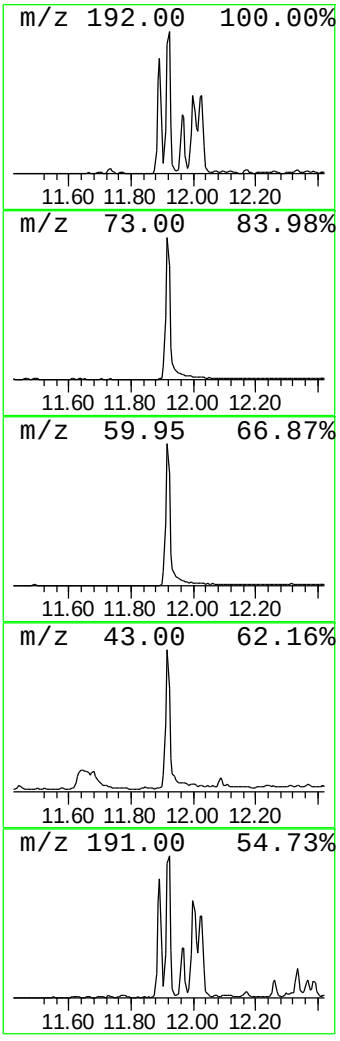
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	16.73 ng	1075530	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91





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Sample : K3983-01
Misc :
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Instrument : BNA_F
ClientSampleId : SP-1

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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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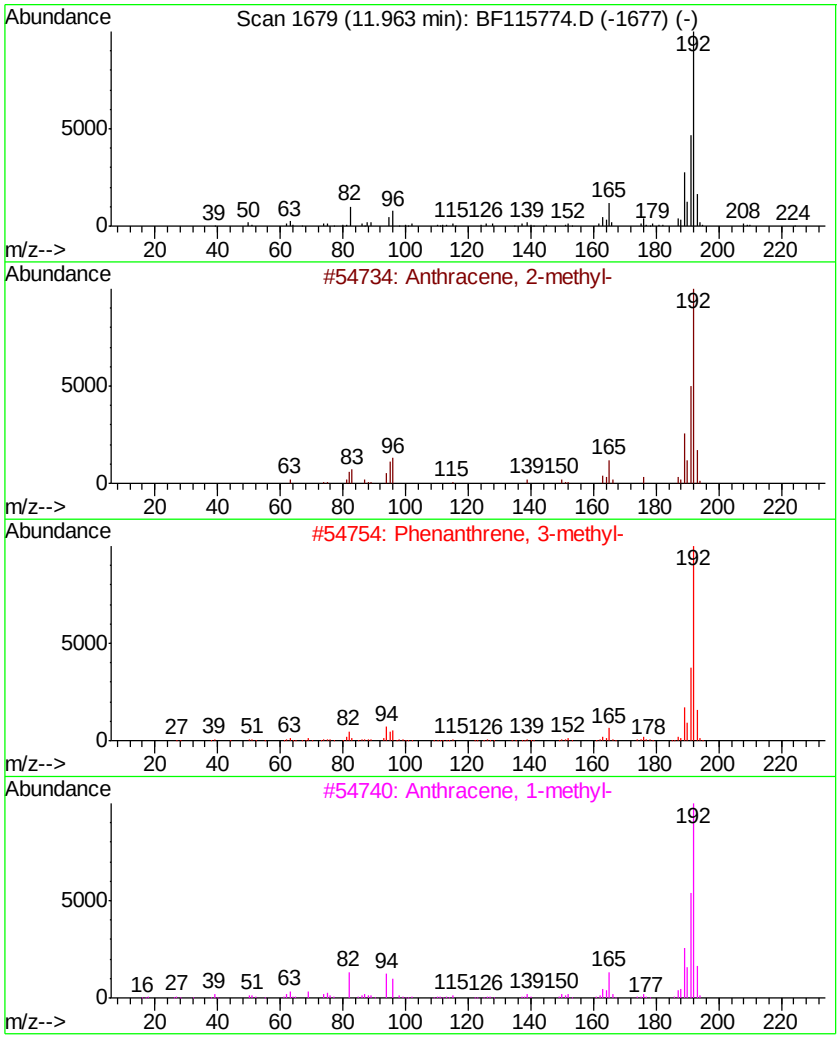
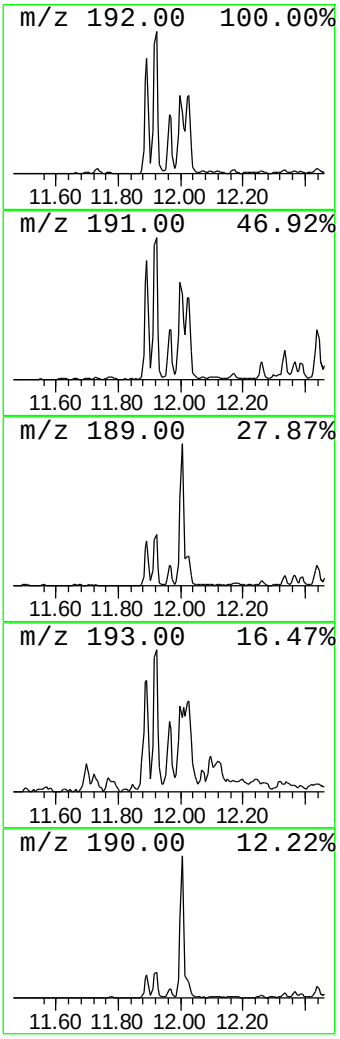
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.40 ng	153968	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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ClientSampleId : SP-1

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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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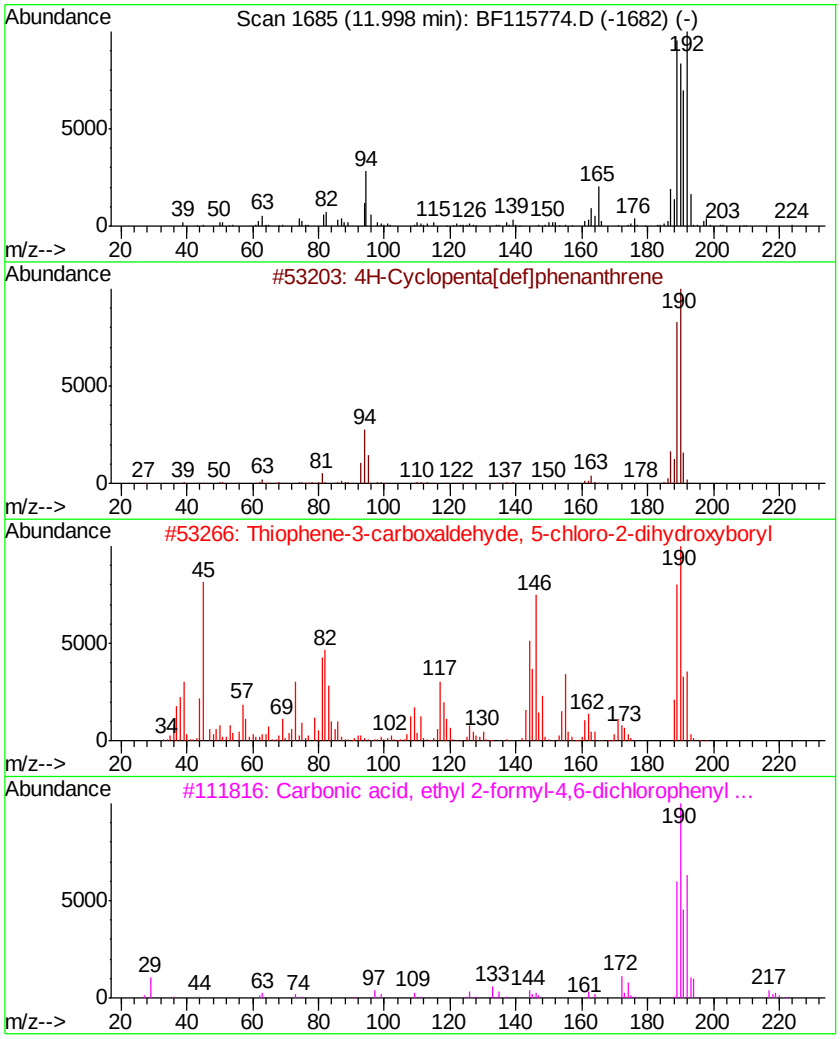
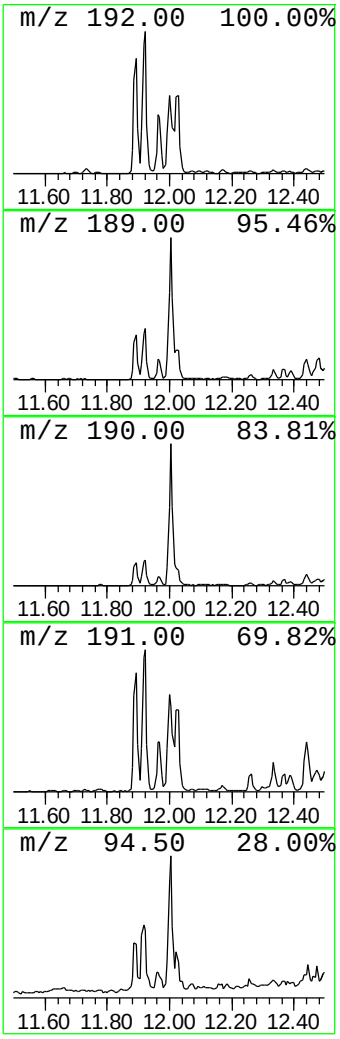
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	6.74 ng	433514	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40





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Instrument : BNA_F
ClientSampleId : SP-1

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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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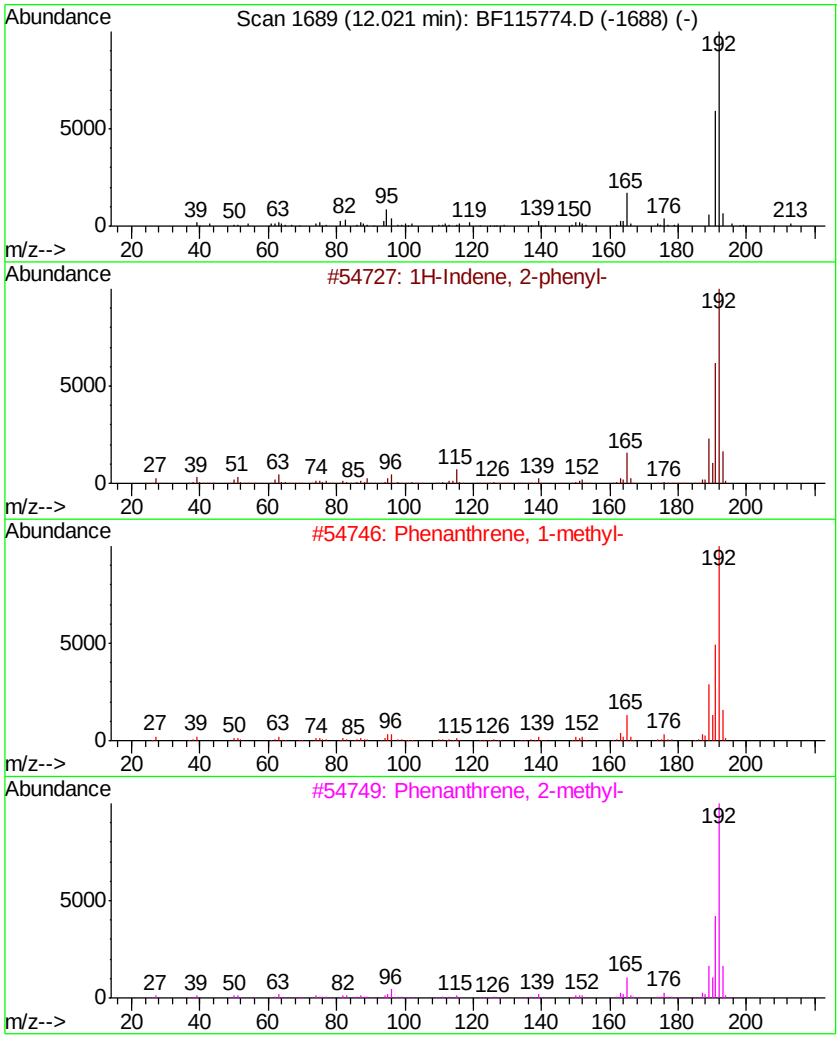
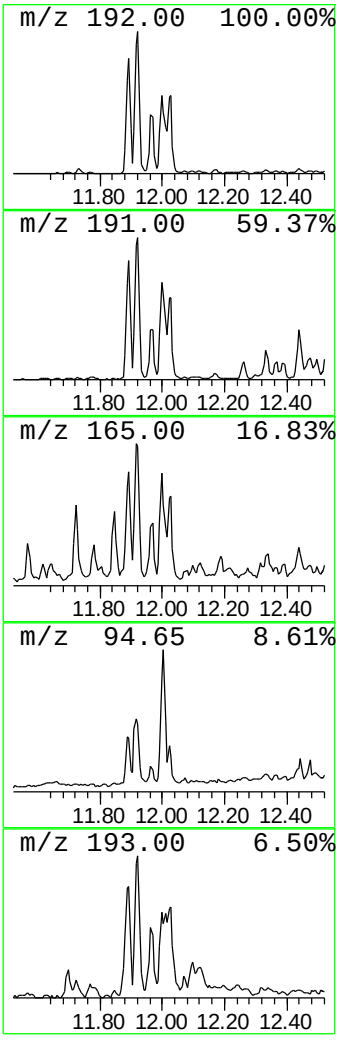
Peak Number 9 1H-Indene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.40 ng	154222	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	80
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	72





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ClientSampleId : SP-1

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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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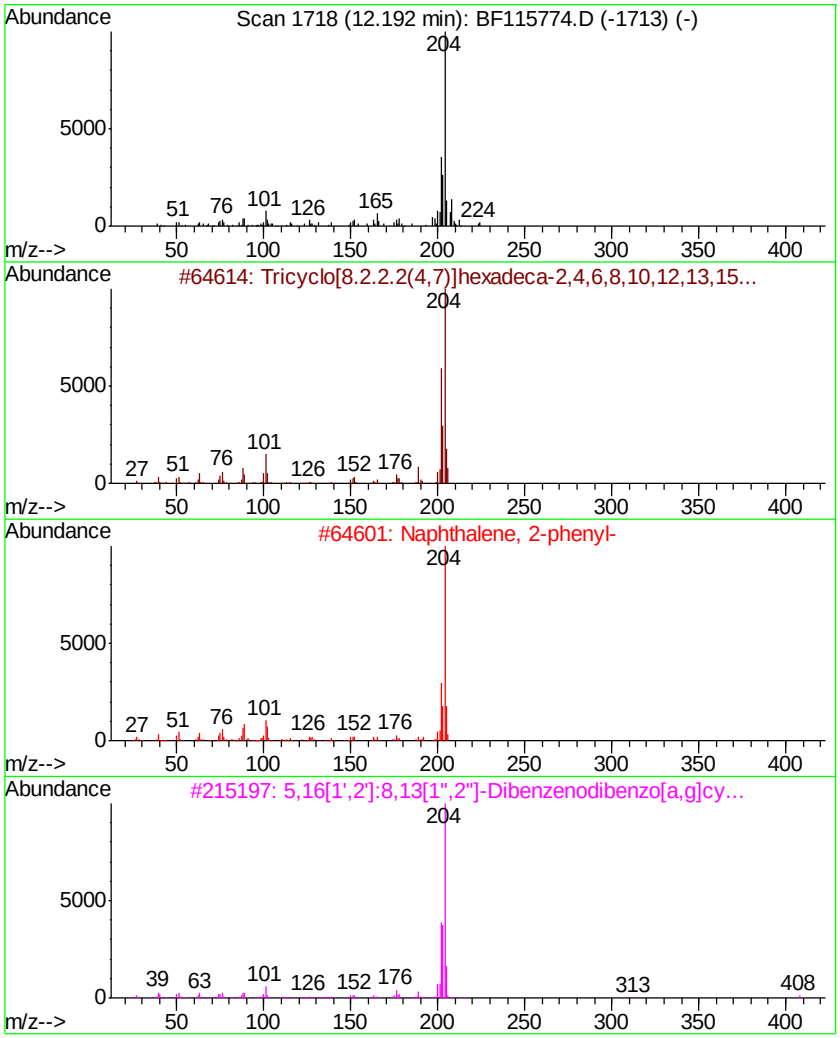
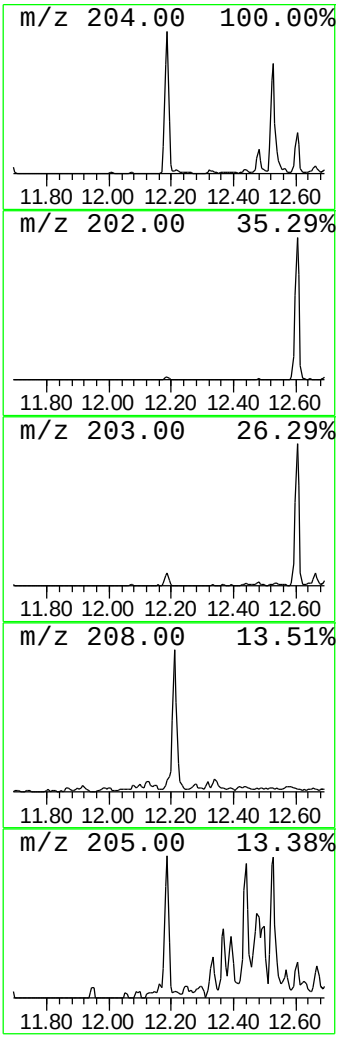
Peak Number 10 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	2.64 ng	169758	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53





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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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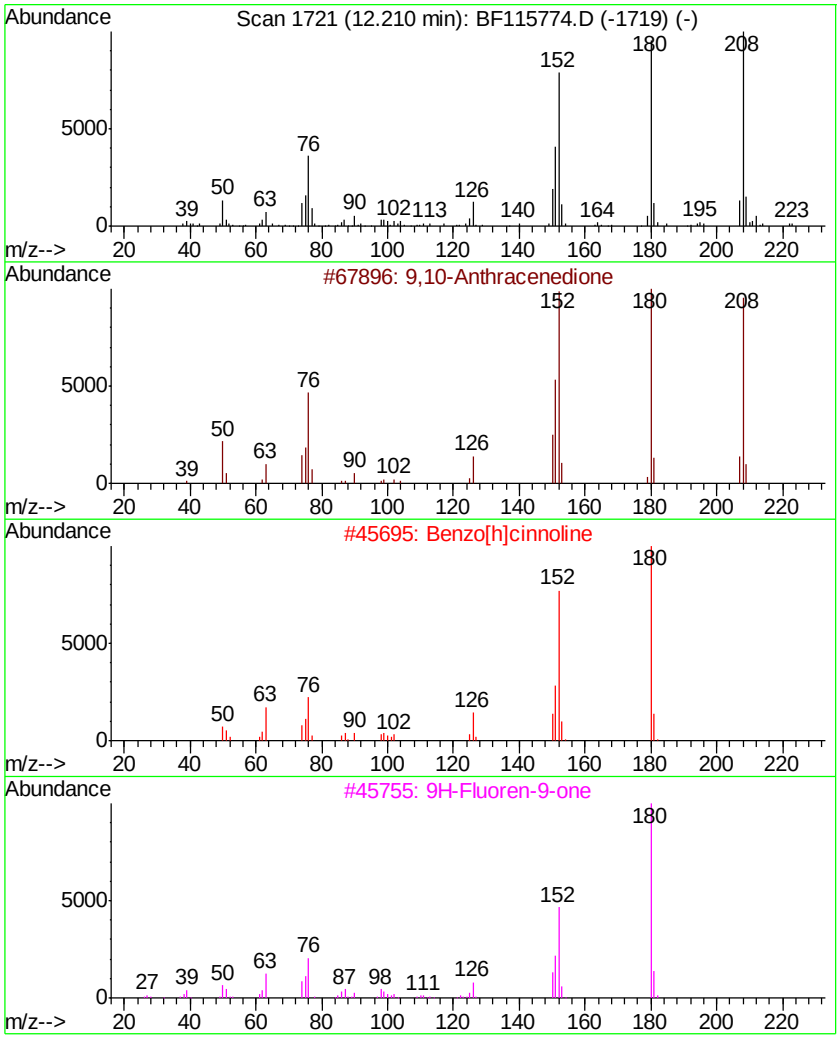
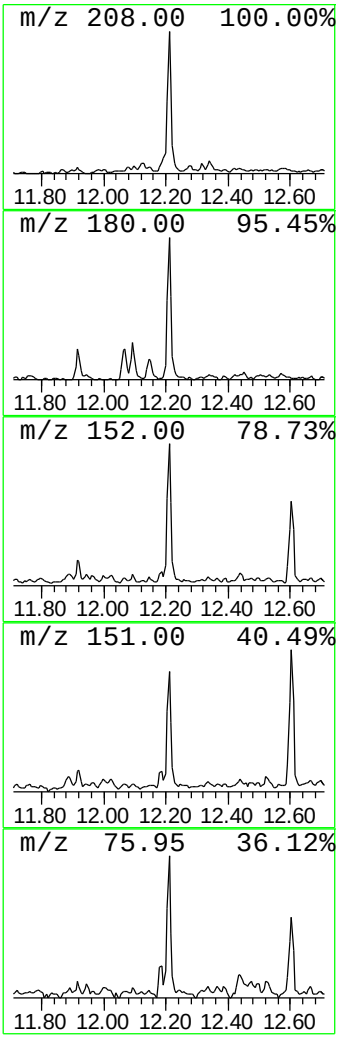
Peak Number 11 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	2.39 ng	153456	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	78
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60





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ClientSampleId : SP-1

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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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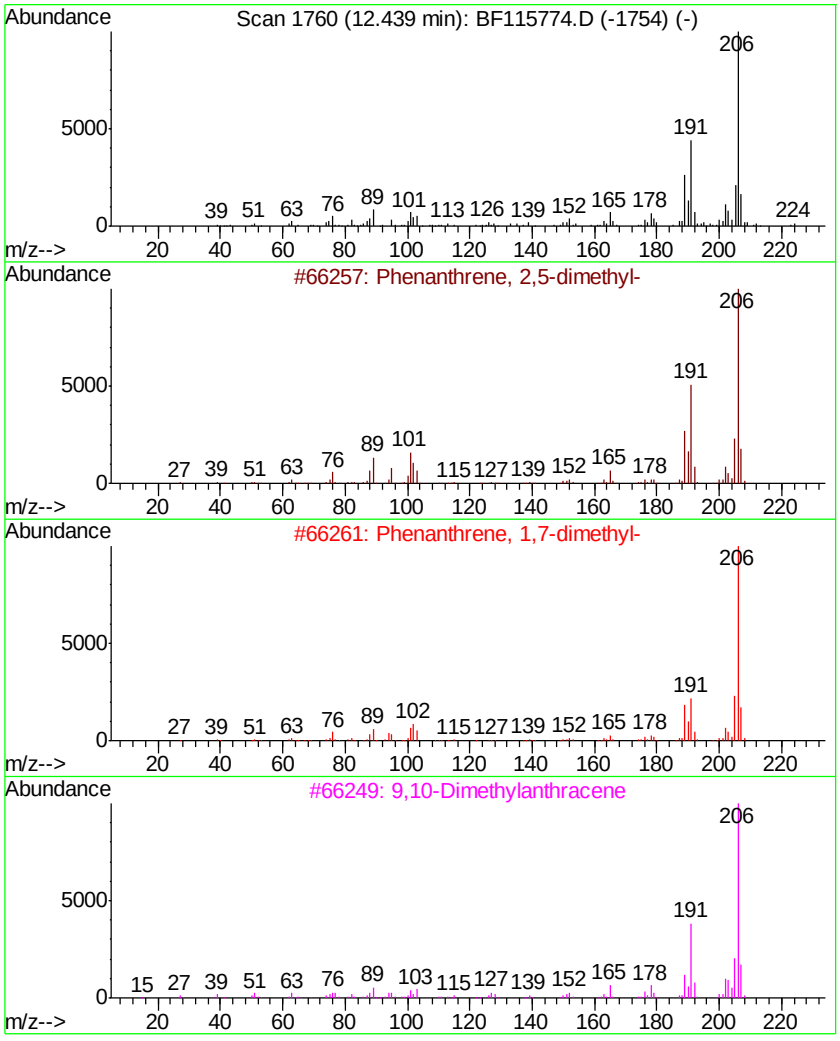
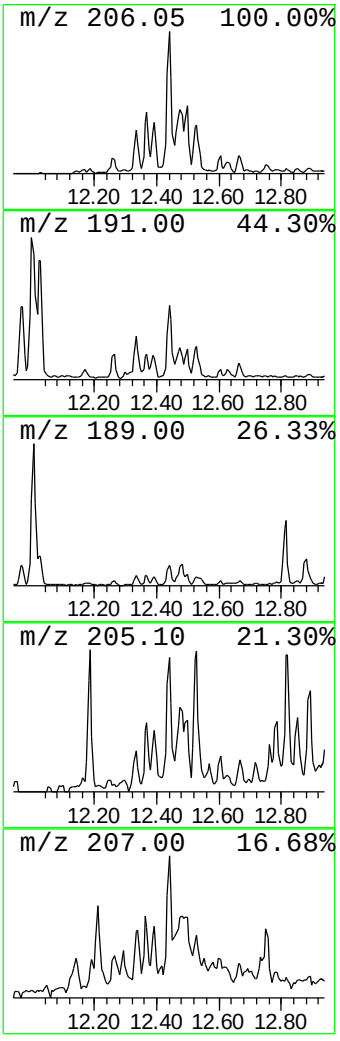
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	3.62 ng	232821	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91





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Misc :
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Instrument : BNA_F
ClientSampleId : SP-1

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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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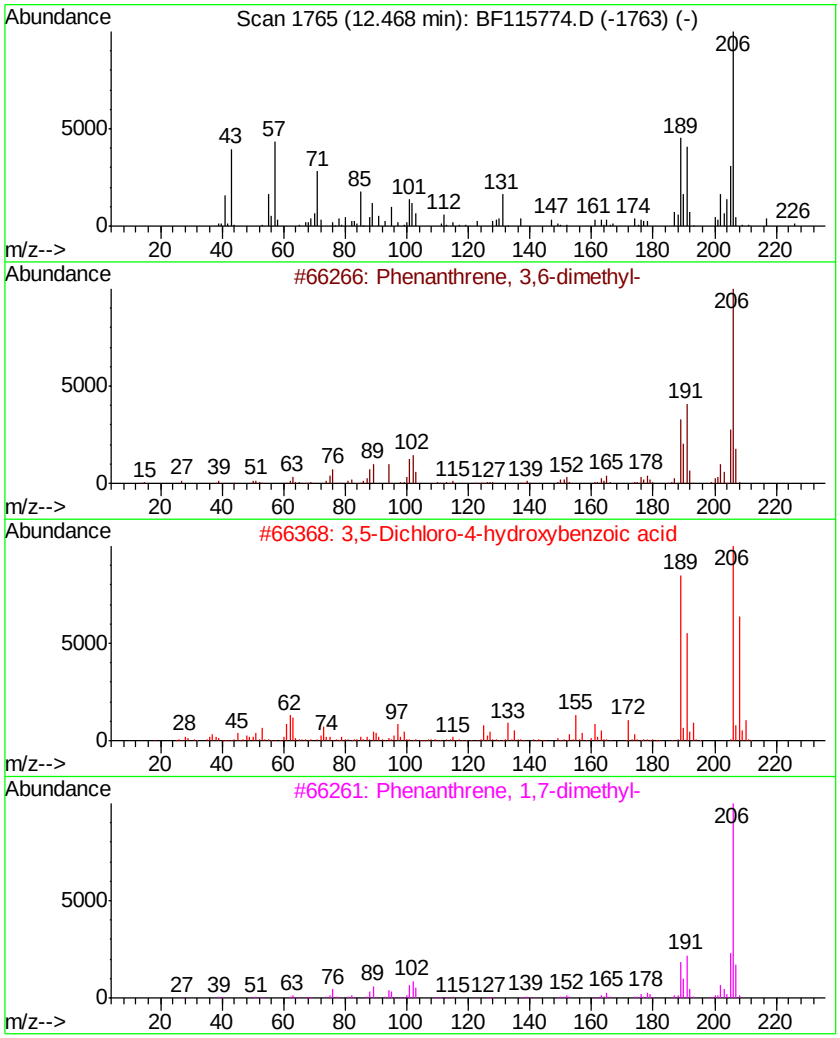
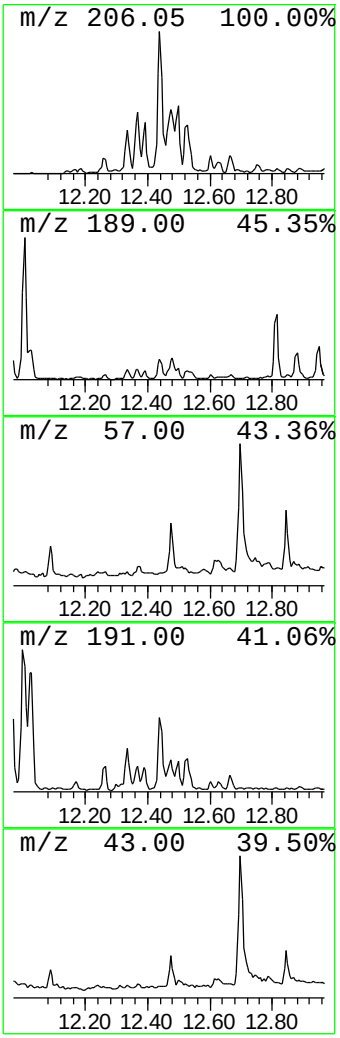
Peak Number 13 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	2.31 ng	148722	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	53
2	3,5-Dichloro-4-hydroxybenzoic acid	206	C7H4Cl2O3	003336-41-2	43
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	38
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	30
5	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	30





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ClientSampleId : SP-1

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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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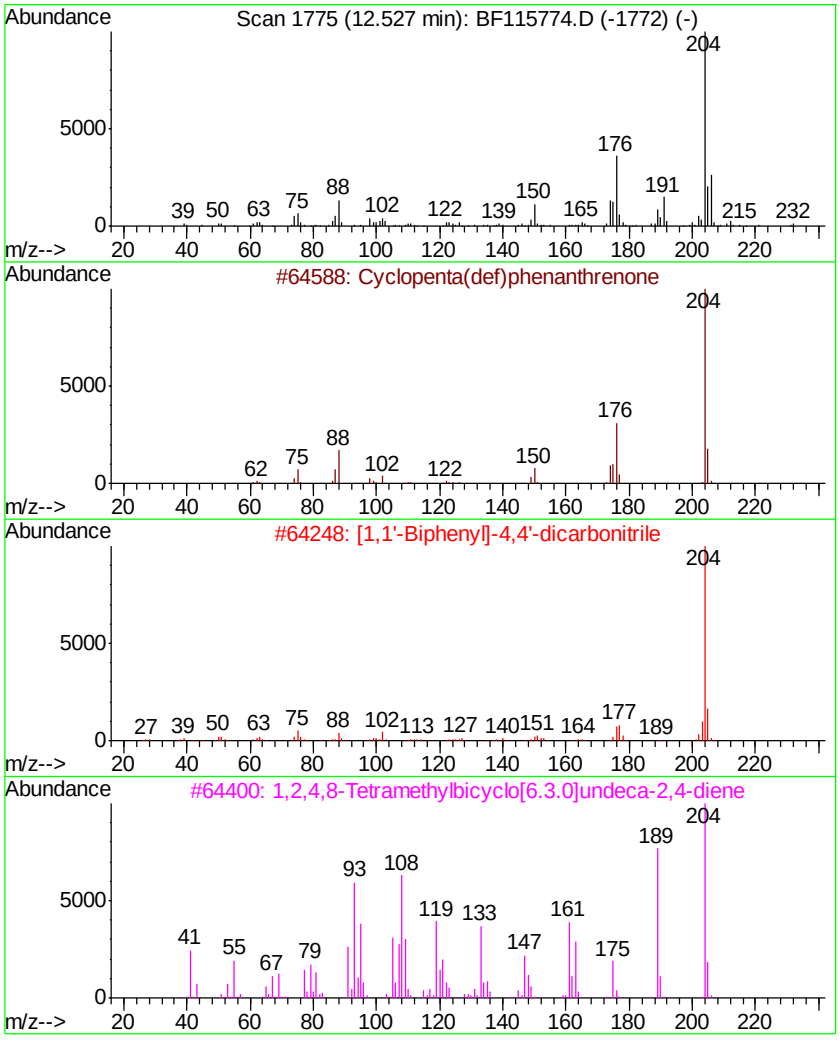
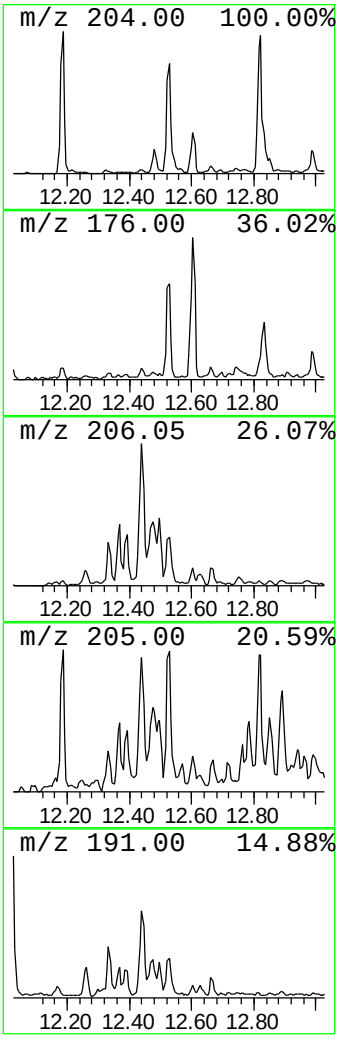
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	3.27 ng	209902	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47





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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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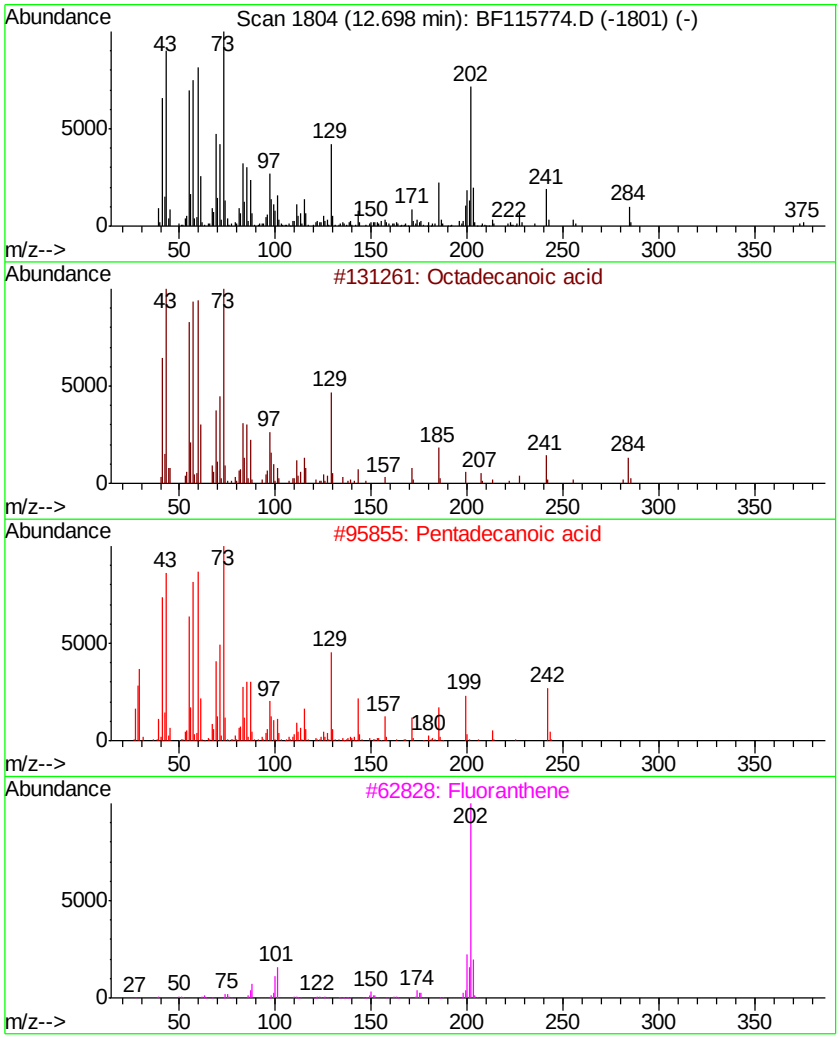
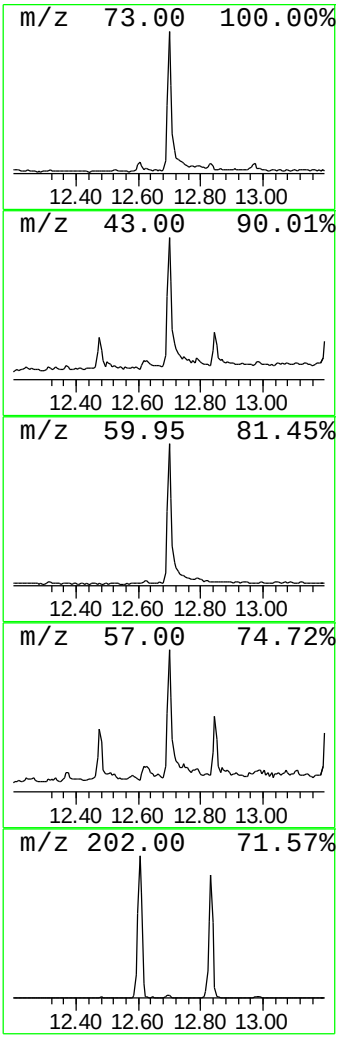
Peak Number 15 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	6.56 ng	421930	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Fluoranthene	202	C16H10	000206-44-0	90
4	Dodecanoic acid	200	C12H24O2	000143-07-7	83
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62





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

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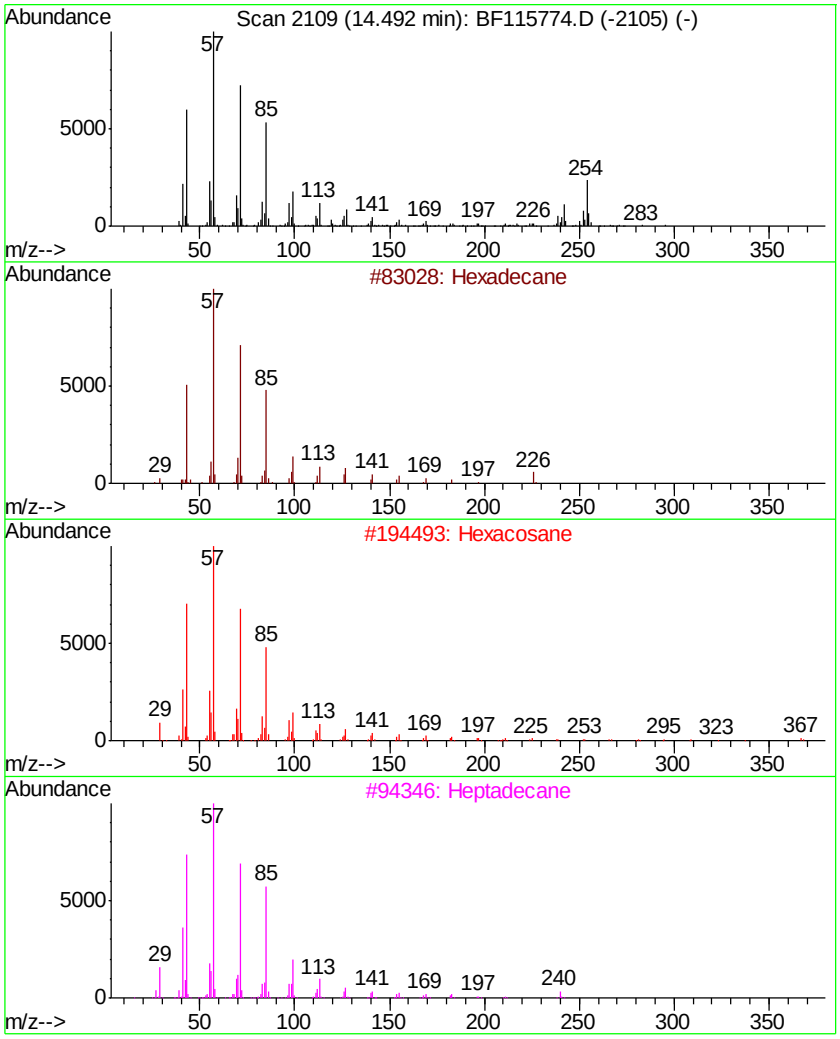
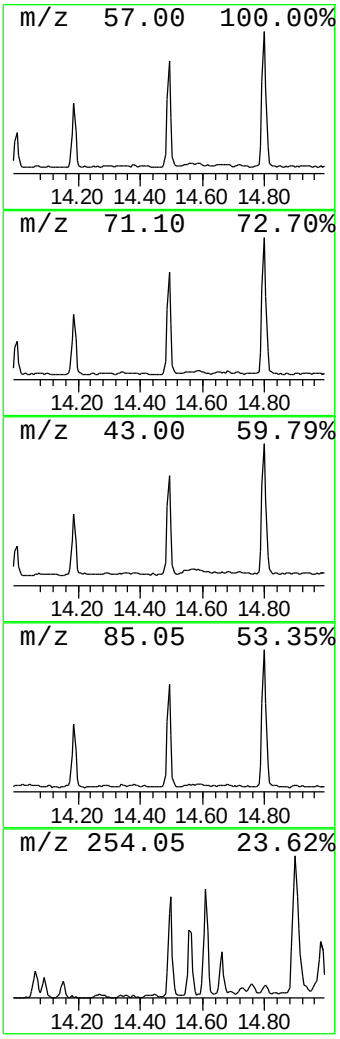
Peak Number 16 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	2.83 ng	407921	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Hexacosane	366	C26H54	000630-01-3	93
3	Heptadecane	240	C17H36	000629-78-7	89
4	Octacosane	394	C28H58	000630-02-4	76
5	Heneicosane	296	C21H44	000629-94-7	76





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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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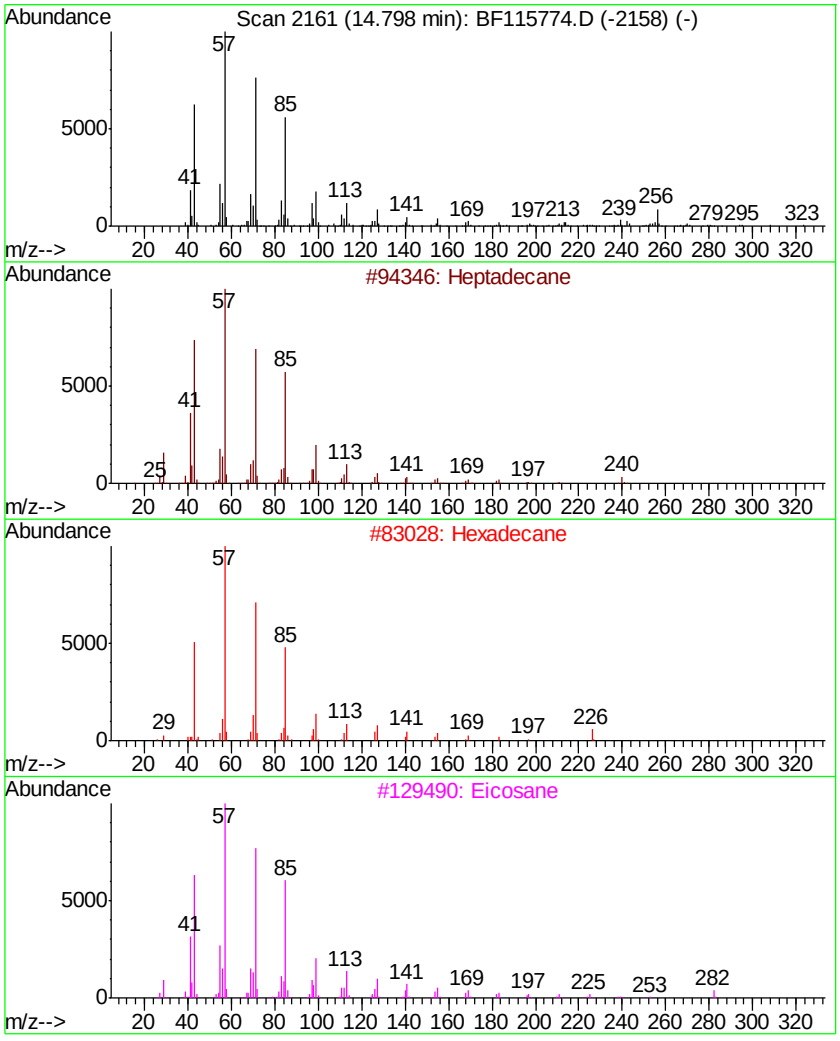
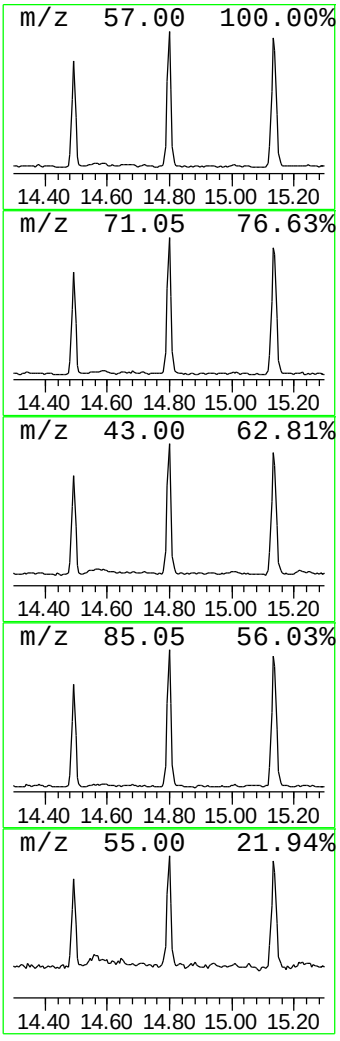
Peak Number 17 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	4.40 ng	431783	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Hexadecane	226	C16H34	000544-76-3	93
3	Eicosane	282	C20H42	000112-95-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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ClientSampleId : SP-1

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

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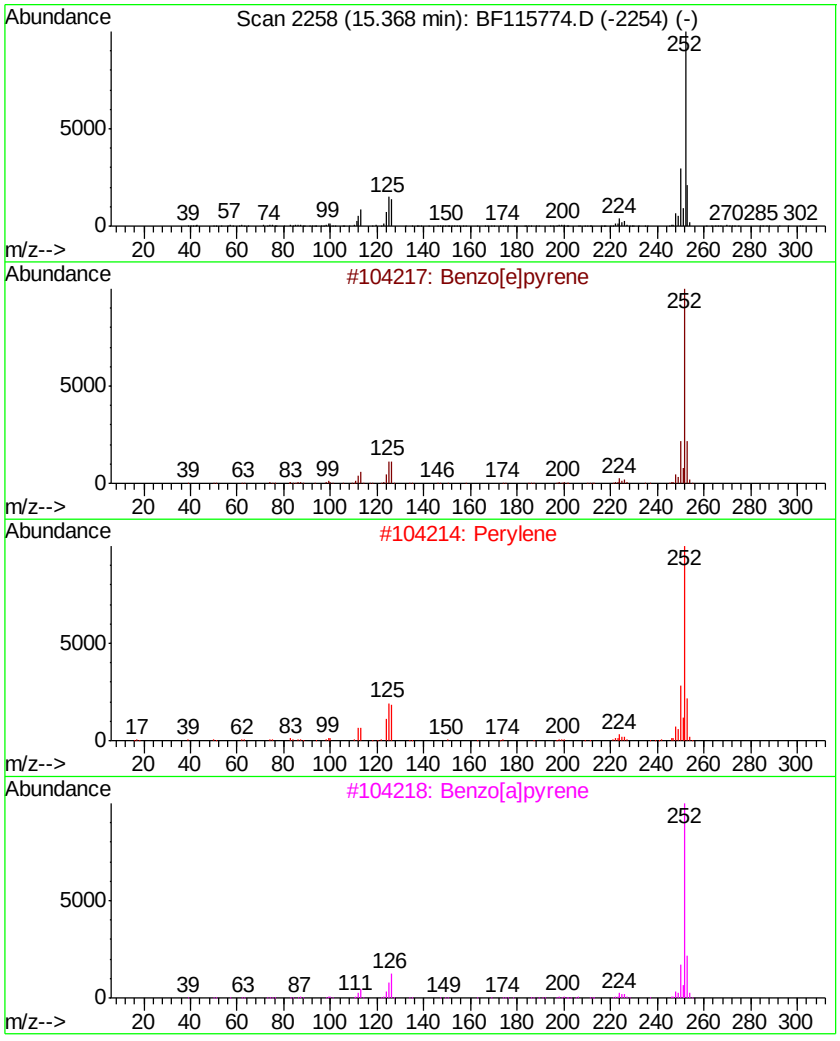
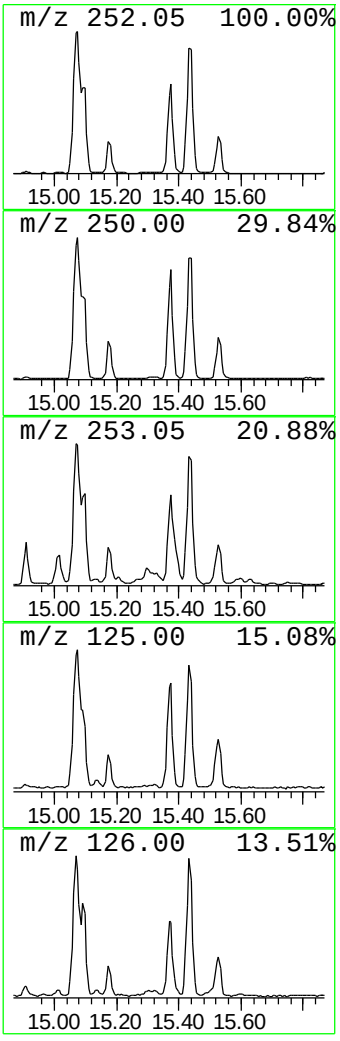
Peak Number 18 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	8.68 ng	852188	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115774.D
Acq On : 25 Jul 2019 22:40
Operator : HP/JU
Sample : K3983-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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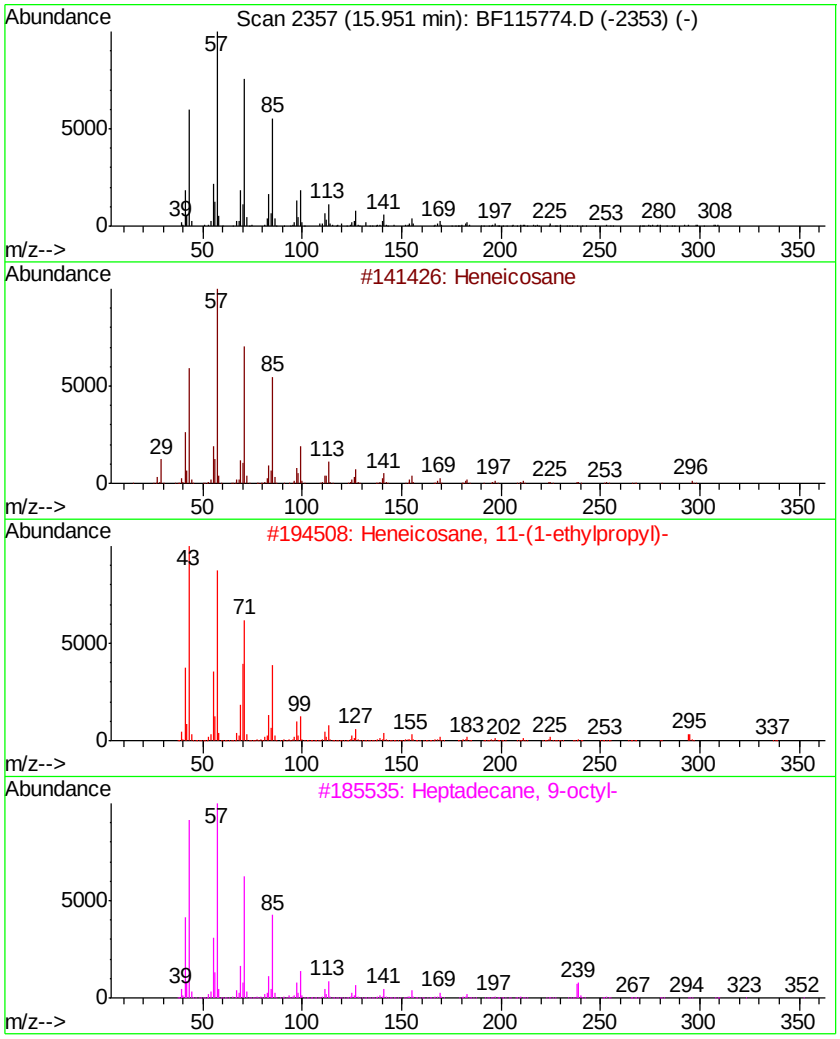
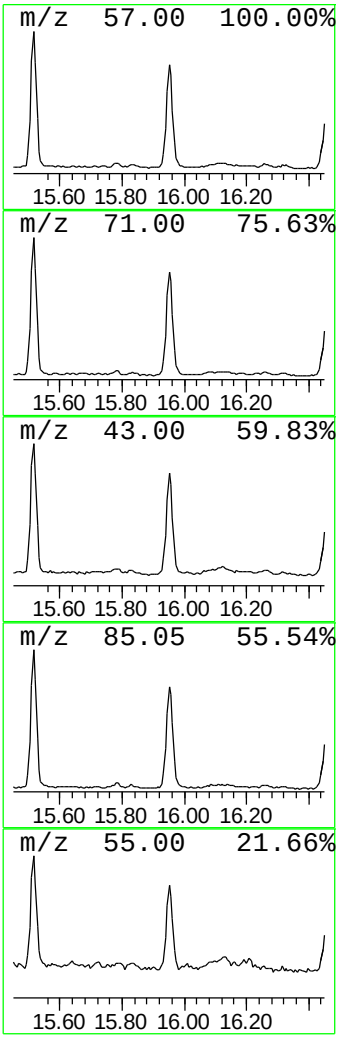
Peak Number 19 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	4.57 ng	448446	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Eicosane	282	C20H42	000112-95-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115774.D
Acq On : 25 Jul 2019 22:40
Operator : HP/JU
Sample : K3983-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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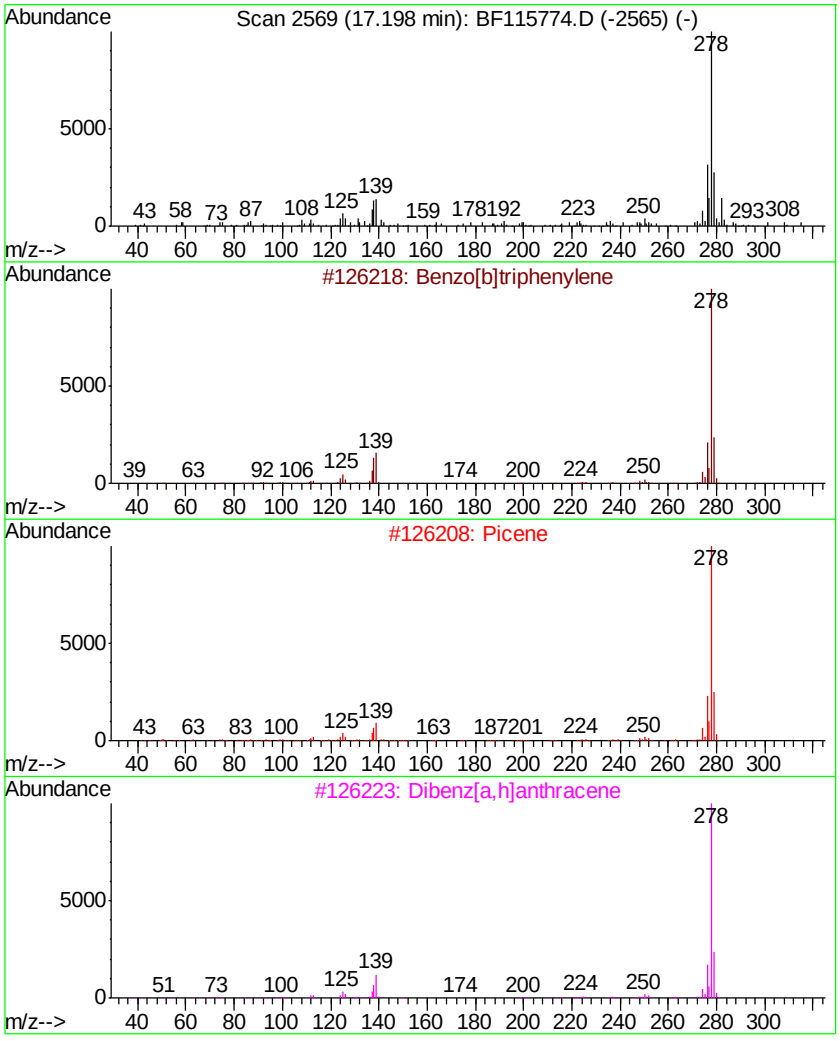
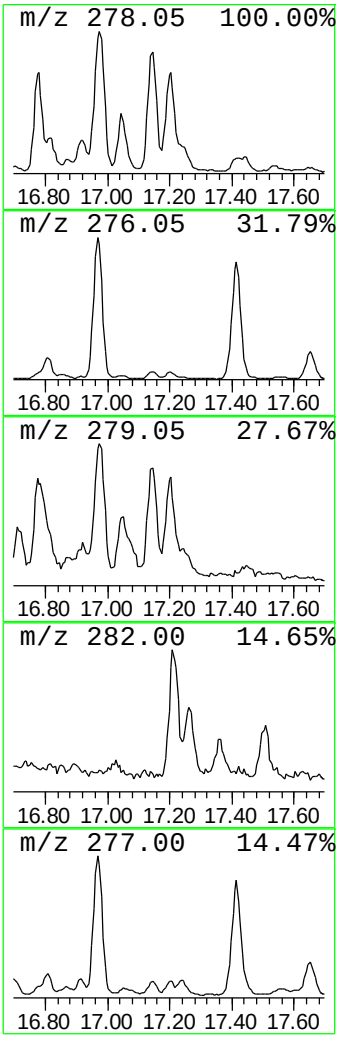
Peak Number 20 Benzo[b]triphenylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	2.44 ng	239847	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	92
2	Picene	278	C22H14	000213-46-7	86
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	86
4	Pentacene	278	C22H14	000135-48-8	83
5	Pyrene, 1-phenyl-	278	C22H14	005101-27-9	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072519\
Data File : BF115774.D
Acq On : 25 Jul 2019 22:40
Operator : HP/JU
Sample : K3983-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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
Butane, 2-methoxy...	2.15	20.7	ng	863474	1	6.87	832590	20.0
unknown6.64	6.64	73.9	ng	3075410	1	6.87	832590	20.0
1H-Indene, 1-(phe...	11.68	2.7	ng	171995	4	11.39	1285510	20.0
Phenanthrene, 2-m...	11.89	3.7	ng	237403	4	11.39	1285510	20.0
n-Hexadecanoic acid	11.92	16.7	ng	1075530	4	11.39	1285510	20.0
Anthracene, 2-met...	11.96	2.4	ng	153968	4	11.39	1285510	20.0
4H-Cyclopenta[def...	12.00	6.7	ng	433514	4	11.39	1285510	20.0
1H-Indene, 2-phenyl-	12.02	2.4	ng	154222	4	11.39	1285510	20.0
Tricyclo[8.2.2.2(...	12.19	2.6	ng	169758	4	11.39	1285510	20.0
9,10-Anthracenedione	12.21	2.4	ng	153456	4	11.39	1285510	20.0
Phenanthrene, 2,5...	12.44	3.6	ng	232821	4	11.39	1285510	20.0
Phenanthrene, 3,6...	12.47	2.3	ng	148722	4	11.39	1285510	20.0
Cyclopenta(def)ph...	12.53	3.3	ng	209902	4	11.39	1285510	20.0
Octadecanoic acid	12.70	6.6	ng	421930	4	11.39	1285510	20.0
Hexadecane	14.49	2.8	ng	407921	5	14.03	2884710	20.0
Heptadecane	14.80	4.4	ng	431783	6	15.50	1963200	20.0
Benzo[e]pyrene	15.37	8.7	ng	852188	6	15.50	1963200	20.0
Heneicosane	15.95	4.6	ng	448446	6	15.50	1963200	20.0
Benzo[b]triphenylene	17.20	2.4	ng	239847	6	15.50	1963200	20.0