LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114178.D
Acq On : 12 May 2019 2:38
Operator : JU/SJ
Sample : K2765-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS005-1824-01

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-BF051019.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	2.122	3	6	17	rVB	1382347	1806605	22.78%	1.425%
2	5.487	573	578	581	rBV	6822173	7315758	92.24%	5.772%
3	6.139	685	689	691	rBV	133949	114810	1.45%	0.091%
4	6.492	744	749	752	rBV	7182546	7930883	100.00%	6.257%
5	6.628	767	772	775	rBV	7986350	7515688	94.76%	5.930%
6	6.851	806	810	818	rBV	2224007	1755668	22.14%	1.385%
7	7.010	833	837	840	rBV	6376476	5532383	69.76%	4.365%
8	7.410	900	905	909	rBV	4769988	5044257	63.60%	3.980%
9	8.133	1024	1028	1030	rBV	2376808	2185717	27.56%	1.724%
10	8.580	1100	1104	1115	rBV	2626615	2696462	34.00%	2.127%
11	8.775	1132	1137	1142	rVB	81683	122999	1.55%	0.097%
12	9.204	1206	1210	1213	rBV	7325304	6831538	86.14%	5.390%
13	9.598	1273	1277	1285	rVB	1230827	1151733	14.52%	0.909%
14	9.745	1298	1302	1306	rBV	616589	523297	6.60%	0.413%
15	9.886	1319	1326	1329	rBV	2488166	2425080	30.58%	1.913%
16	10.086	1356	1360	1364	rBV3	107516	123615	1.56%	0.098%
17	10.439	1416	1420	1425	rVB3	82511	129668	1.63%	0.102%
18	10.539	1431	1437	1441	rBV2	78584	112561	1.42%	0.089%
19	10.674	1455	1460	1463	rBV	5107246	4840278	61.03%	3.819%
20	10.798	1476	1481	1484	rBV3	134707	180913	2.28%	0.143%
21	10.974	1507	1511	1514	rBV4	63644	94226	1.19%	0.074%
22	11.127	1535	1537	1541	rVV	100357	84141	1.06%	0.066%
23	11.174	1542	1545	1548	rVB	100741	85216	1.07%	0.067%
24	11.263	1558	1560	1565	rVB	149541	142927	1.80%	0.113%
25	11.316	1566	1569	1572	rBV3	69241	91278	1.15%	0.072%
26	11.369	1574	1578	1580	rVV	2933454	2541572	32.05%	2.005%
27	11.392	1580	1582	1588	rVV	1764947	1390447	17.53%	1.097%
28	11.445	1588	1591	1593	rVB	288312	248426	3.13%	0.196%
29	11.474	1593	1596	1600	rBV2	124510	148363	1.87%	0.117%
30	11.663	1622	1628	1631	rVB2	241868	261860	3.30%	0.207%
31	11.698	1631	1634	1638	rVB2	187714	164794	2.08%	0.130%
32	11.821	1652	1655	1660	rBV4	133862	196033	2.47%	0.155%
33	11.869	1660	1663	1665	rBV	669727	579520	7.31%	0.457%
34	11.898	1665	1668	1674	rVV	2692827	2430686	30.65%	1.918%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2765-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS005-1824-01

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-BF051019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.945	1674	1676	1678	rVB	116501	90566	1.14%	0.071%
36	11.980	1678	1682	1684	rBV	986885	968139	12.21%	0.764%
37	12.004	1684	1686	1691	rVB	631221	504593	6.36%	0.398%
38	12.051	1691	1694	1696	rBV3	107781	124888	1.57%	0.099%
39	12.104	1700	1703	1706	rBV	134186	110739	1.40%	0.087%
40	12.163	1710	1713	1715	rBV	586803	449371	5.67%	0.355%
41	12.186	1715	1717	1724	rVB2	575457	614095	7.74%	0.485%
42	12.239	1724	1726	1733	rBV4	66469	130497	1.65%	0.103%
43	12.298	1733	1736	1737	rBV2	133478	137304	1.73%	0.108%
44	12.316	1737	1739	1742	rVB2	142761	103229	1.30%	0.081%
45	12.345	1742	1744	1746	rBV	208541	146344	1.85%	0.115%
46	12.368	1746	1748	1751	rVB	190289	145153	1.83%	0.115%
47	12.421	1751	1757	1760	rBV2	823555	1187092	14.97%	0.937%
48	12.457	1760	1763	1765	rVB2	301083	268913	3.39%	0.212%
49	12.474	1765	1766	1769	rVB	241053	179085	2.26%	0.141%
50	12.504	1769	1771	1776	rBV3	532797	639427	8.06%	0.504%
51	12.580	1779	1784	1788	rBV	3117902	3001945	37.85%	2.368%
52	12.627	1789	1792	1794	rBV	148242	145697	1.84%	0.115%
53	12.645	1794	1795	1798	rVB	129816	89185	1.12%	0.070%
54	12.674	1798	1800	1804	rBV	1068564	1028899	12.97%	0.812%
55	12.710	1804	1806	1809	rBV2	193319	153674	1.94%	0.121%
56	12.751	1809	1813	1818	rVB3	254186	369553	4.66%	0.292%
57	12.816	1818	1824	1829	rBV	4873401	4768775	60.13%	3.762%
58	12.868	1830	1833	1836	rVB2	278524	299408	3.78%	0.236%
59	12.904	1836	1839	1840	rBV3	76247	84770	1.07%	0.067%
60	12.951	1843	1847	1855	rVB	5956600	5883870	74.19%	4.642%
61	13.027	1857	1860	1867	rBV	633732	920558	11.61%	0.726%
62	13.086	1867	1870	1872	rBV4	160808	144526	1.82%	0.114%
63	13.115	1872	1875	1877	rBV3	555161	714155	9.00%	0.563%
64	13.180	1884	1886	1888	rBV2	187998	145456	1.83%	0.115%
65	13.204	1888	1890	1894	rVB	260640	217393	2.74%	0.172%
66	13.245	1894	1897	1899	rBV	858823	708792	8.94%	0.559%
67	13.333	1910	1912	1915	rBV	758587	631327	7.96%	0.498%
68	13.363	1915	1917	1920	rVB	606766	543480	6.85%	0.429%
69	13.457	1930	1933	1935	rBV2	178893	195260	2.46%	0.154%
70	13.621	1958	1961	1963	rBV2	244286	228591	2.88%	0.180%
71	13.645	1963	1965	1970	rVB	583439	586057	7.39%	0.462%

LSC Area Percent Report

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Sample : K2765-17
Misc :
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Instrument : BNA_F
ClientSampleId : P026-SS005-1824-01

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.757	1978	1984	1986	rBV2	584607	837708	10.56%	0.661%
73	13.786	1986	1989	1991	rVB	531880	467432	5.89%	0.369%
74	13.810	1991	1993	1995	rBV	566146	413805	5.22%	0.326%
75	13.845	1995	1999	2004	rBV3	1416478	1860801	23.46%	1.468%
76	14.004	2021	2026	2029	rBV2	2752822	4224941	53.27%	3.333%
77	14.033	2029	2031	2040	rVB	2378663	2526221	31.85%	1.993%
78	14.133	2046	2048	2049	rBV2	140237	137189	1.73%	0.108%
79	14.151	2049	2051	2061	rVB3	787796	1288082	16.24%	1.016%
80	14.268	2068	2071	2073	rBV3	160490	183418	2.31%	0.145%
81	14.357	2084	2086	2088	rBV2	142880	127625	1.61%	0.101%
82	14.398	2088	2093	2096	rVV	692492	923252	11.64%	0.728%
83	14.433	2096	2099	2103	rVV2	581802	821990	10.36%	0.649%
84	14.474	2103	2106	2111	rVV3	844280	1270667	16.02%	1.003%
85	14.521	2112	2114	2116	rVV2	384344	401139	5.06%	0.316%
86	14.545	2116	2118	2121	rVV	392053	325610	4.11%	0.257%
87	14.592	2124	2126	2130	rVB	276750	240130	3.03%	0.189%
88	14.780	2156	2158	2161	rVB2	465176	379804	4.79%	0.300%
89	14.815	2162	2164	2167	rVB2	281406	293880	3.71%	0.232%
90	14.857	2168	2171	2174	rBV	720493	749542	9.45%	0.591%
91	15.057	2200	2205	2207	rBV	1736506	2522789	31.81%	1.990%
92	15.115	2212	2215	2220	rVV3	1092502	1787817	22.54%	1.411%
93	15.157	2220	2222	2234	rVB	549260	846525	10.67%	0.668%
94	15.357	2251	2256	2261	rVB	1538702	1911335	24.10%	1.508%
95	15.421	2262	2267	2271	rVB	1706101	2128865	26.84%	1.680%
96	15.480	2271	2277	2289	rVB3	1764514	3173130	40.01%	2.504%
97	15.927	2350	2353	2358	rVB	288469	352019	4.44%	0.278%
98	16.039	2369	2372	2377	rVB2	182802	250622	3.16%	0.198%
99	16.945	2520	2526	2534	rVB2	729162	1336227	16.85%	1.054%
100	17.392	2595	2602	2611	rVB	704142	1503505	18.96%	1.186%

Sum of corrected areas: 126746278

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114178.D
Acq On : 12 May 2019 2:38
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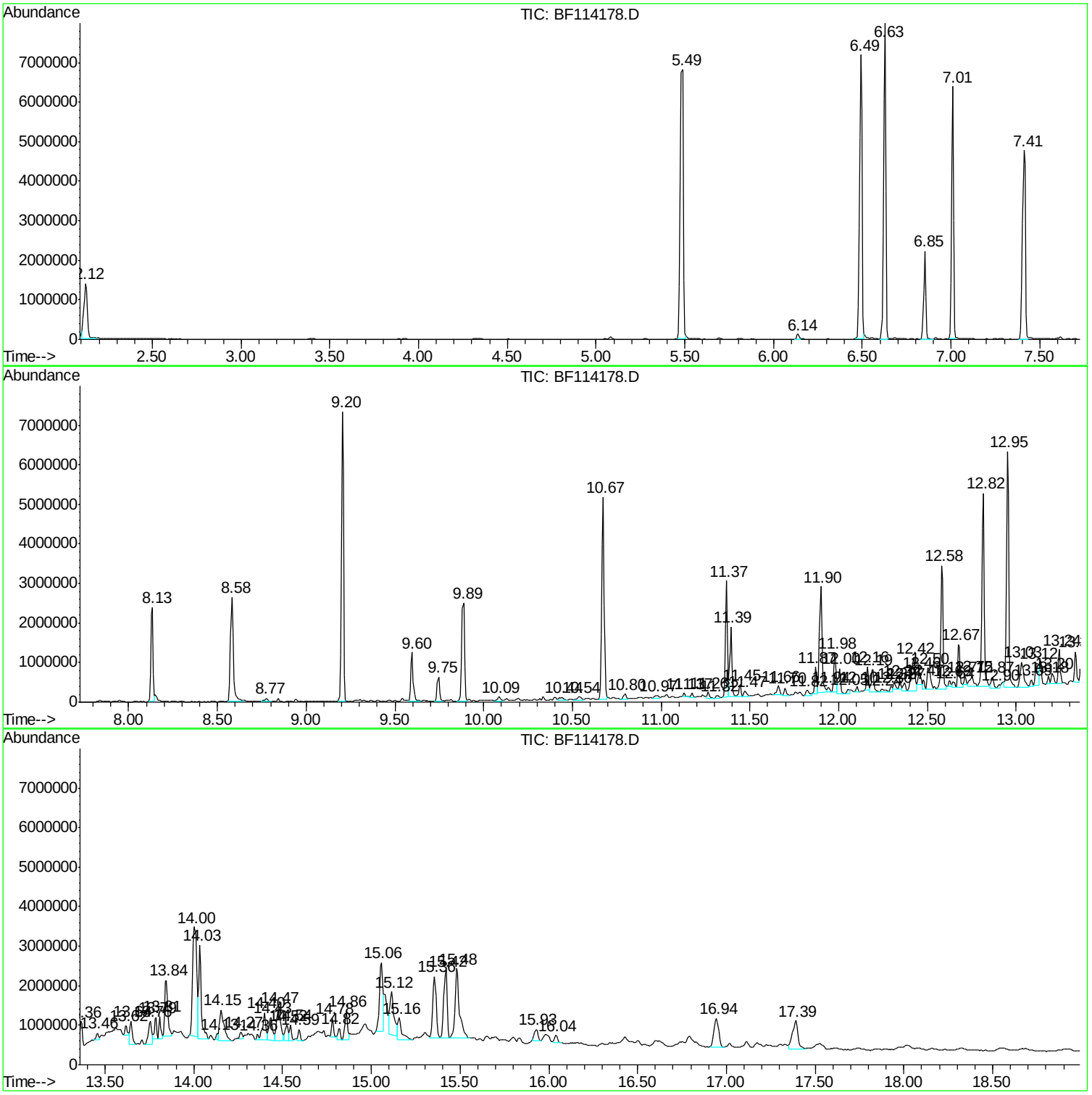
Sample : K2765-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114178.D
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Instrument : BNA_F
ClientSampleId : P026-SS005-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

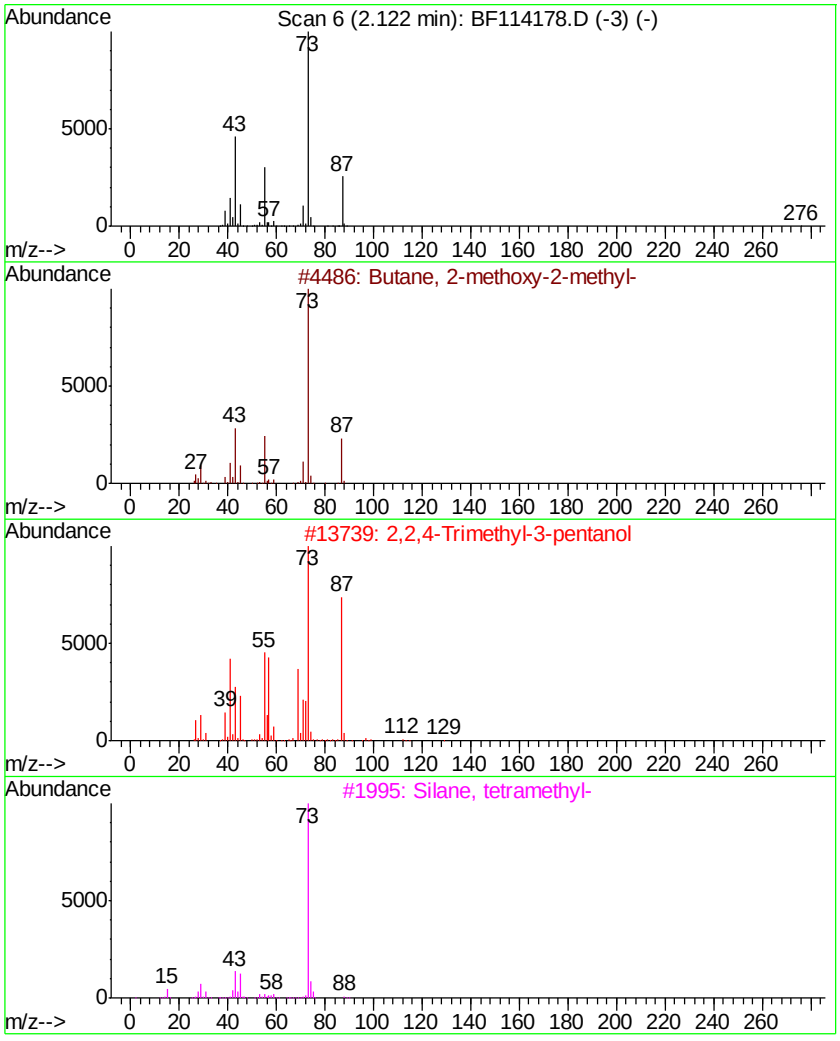
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

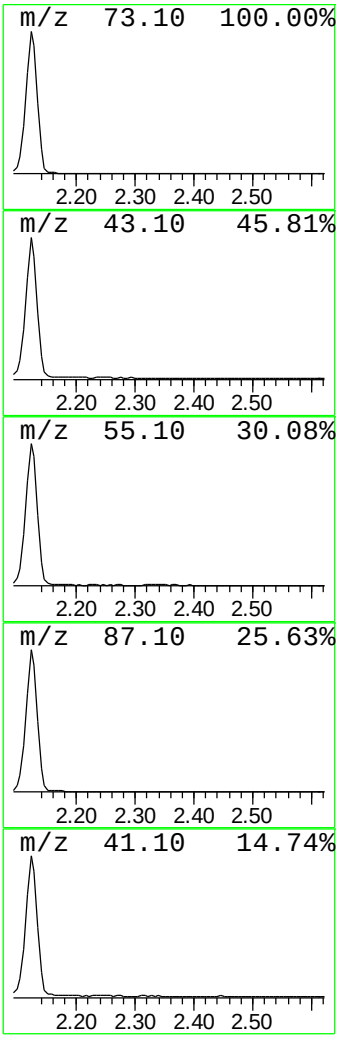
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	20.58 ng	1806610	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

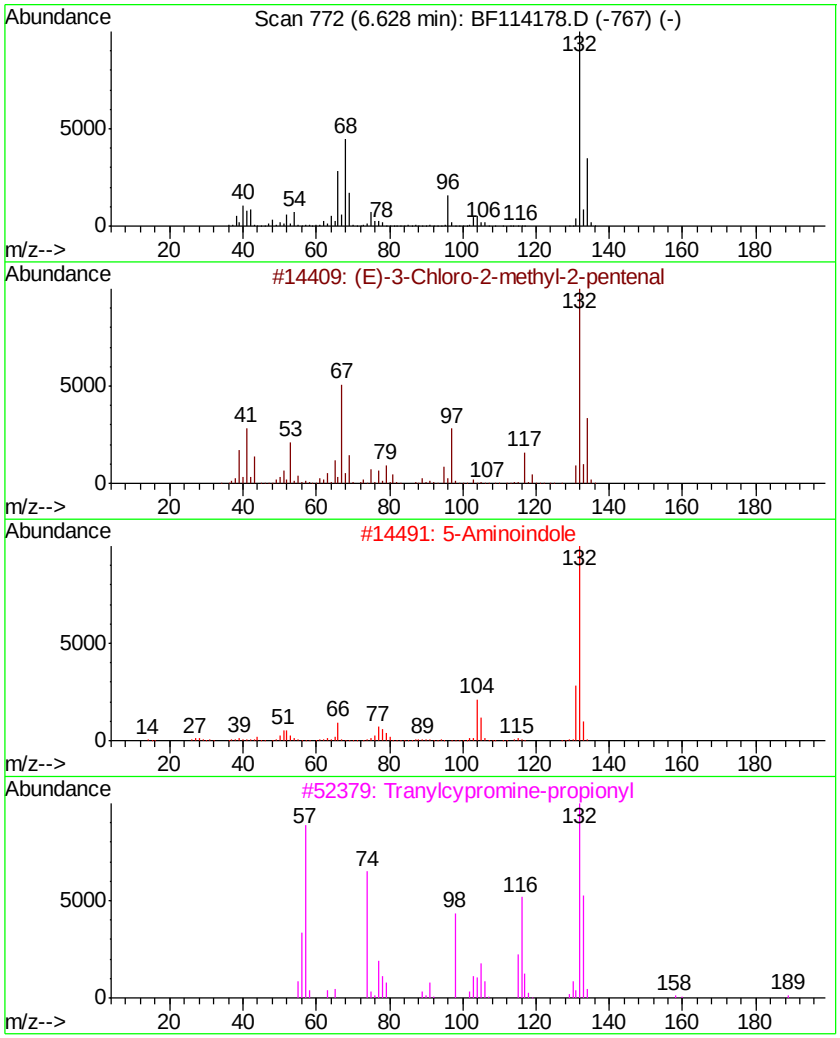
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

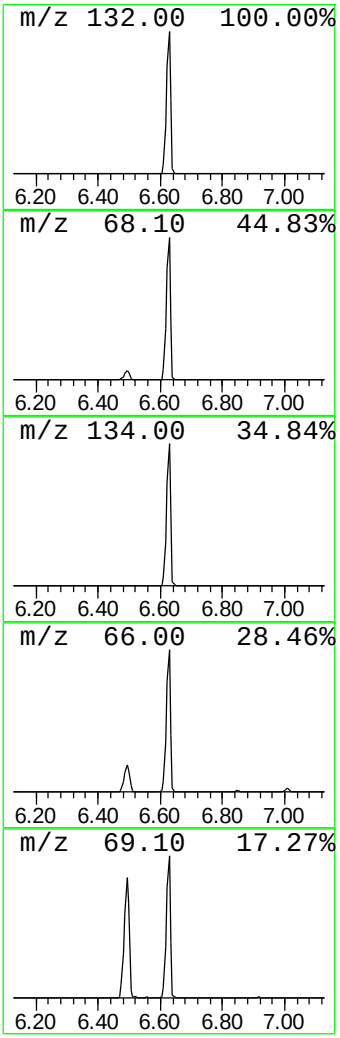
****

Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	85.62 ng	7515690	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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TIC Library : C:\DATABASE\NIST11.L
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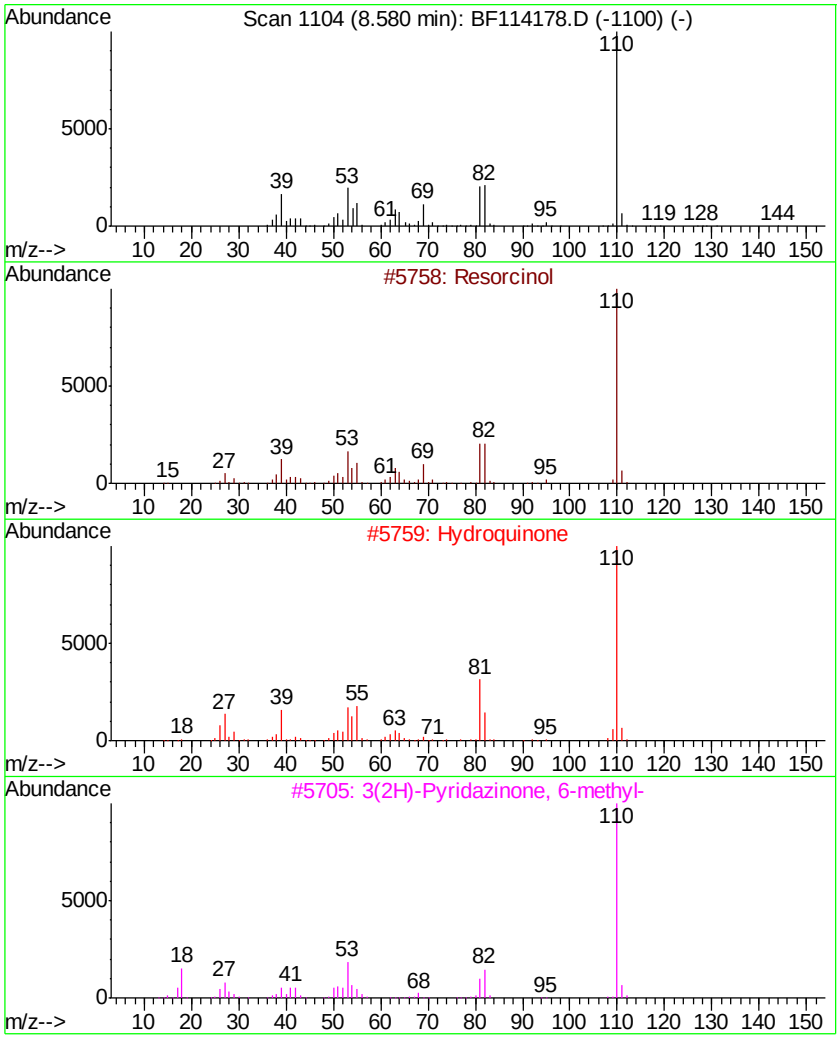
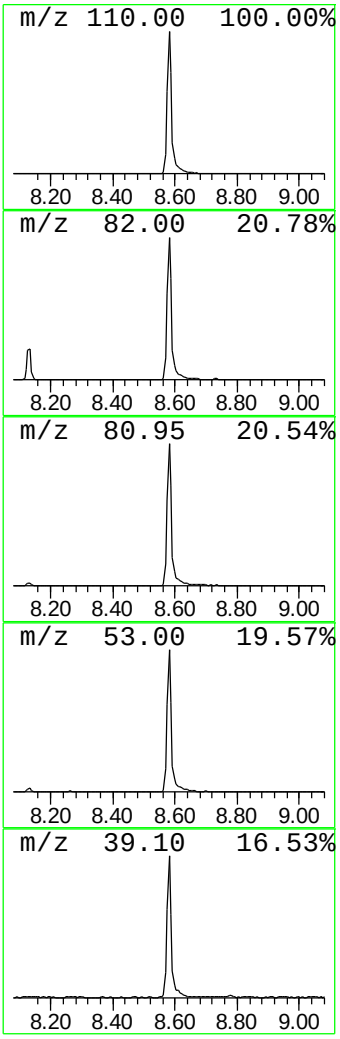
Peak Number 4 Resorcinol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	24.67 ng	2696460	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Resorcinol	110	C6H6O2	000108-46-3	97
2	Hydroquinone	110	C6H6O2	000123-31-9	80
3	3(2H)-Pyridazinone, 6-methyl-	110	C5H6N2O	013327-27-0	72
4	2(1H)-Pyridinone, 3-amino-	110	C5H6N2O	033630-99-8	58
5	Catechol	110	C6H6O2	000120-80-9	53





Library Search Compound Report

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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

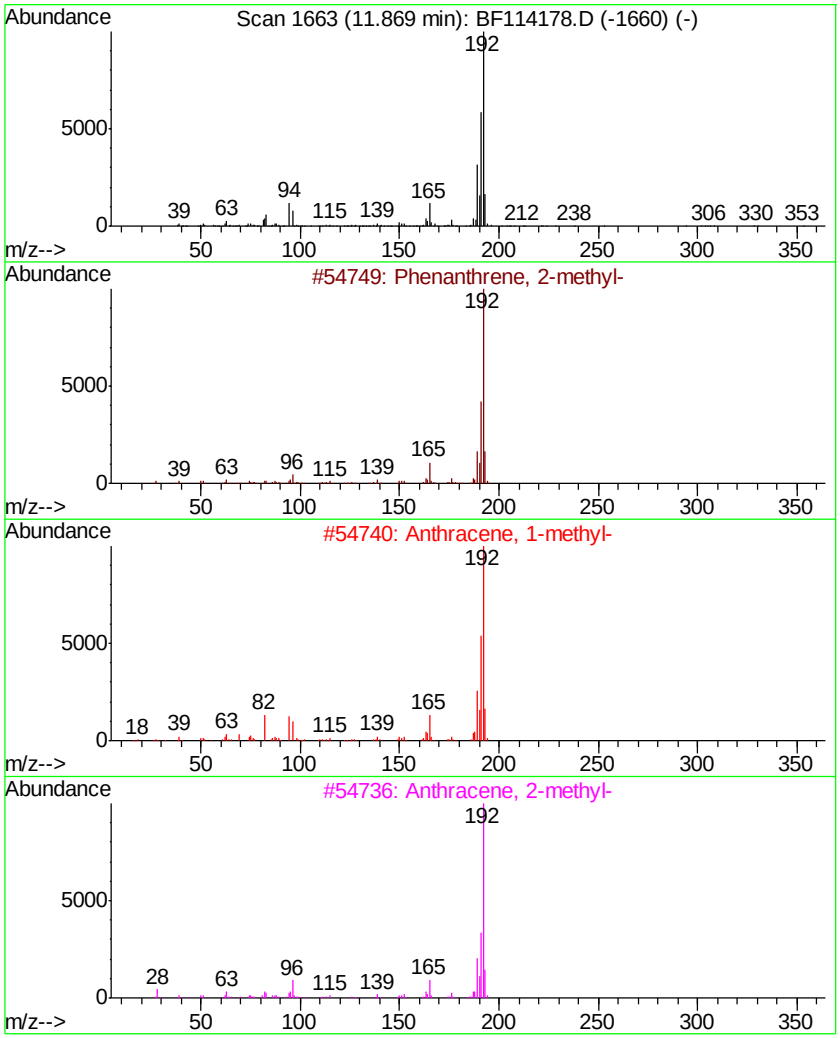
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

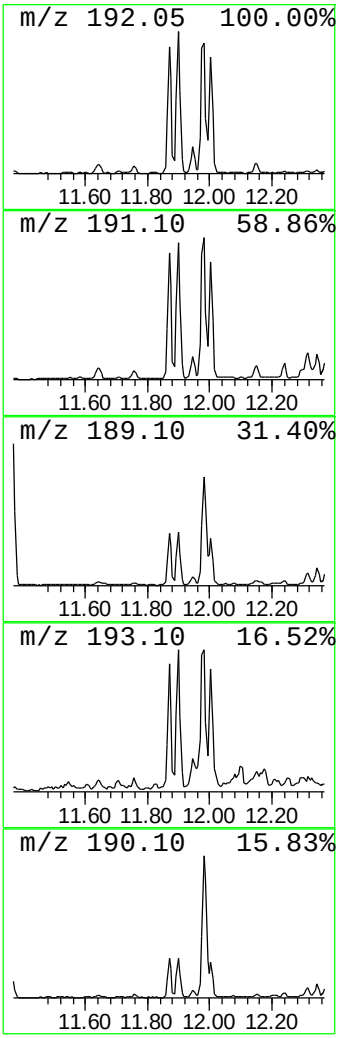
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	4.56 ng	579520	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





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Data File : BF114178.D
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Operator : JU/SJ
Sample : K2765-17
Misc :
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Instrument : BNA_F
ClientSampleId : P026-SS005-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

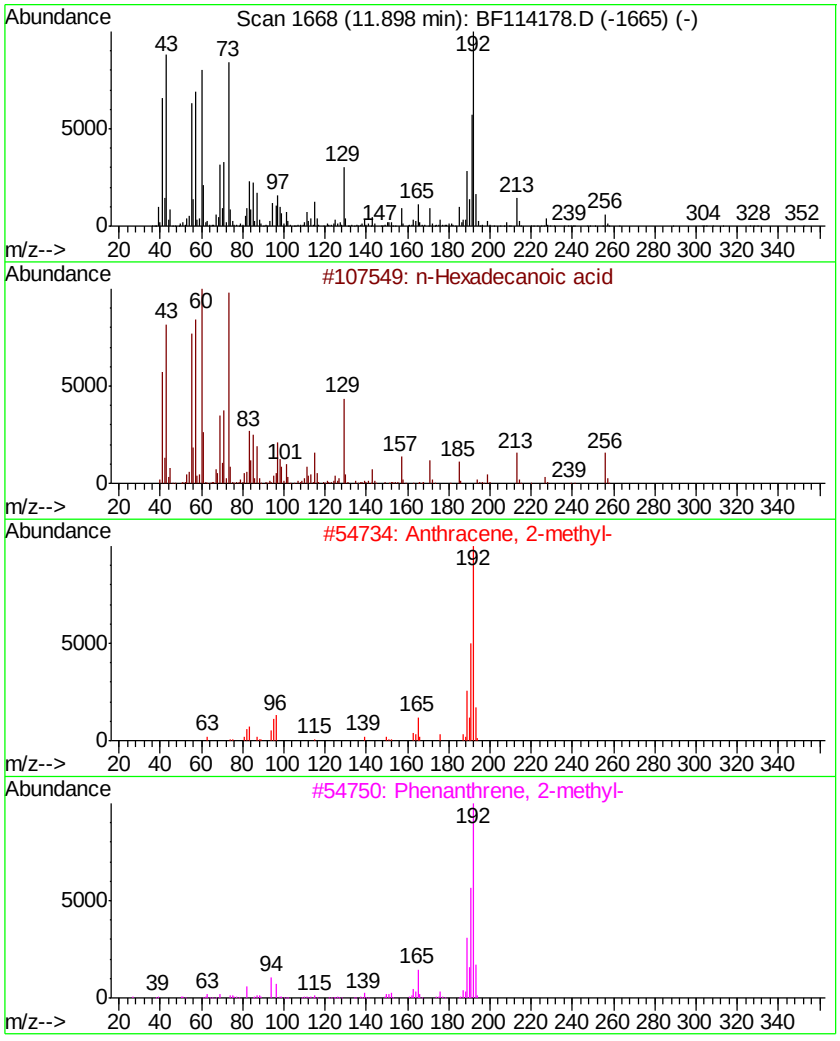
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

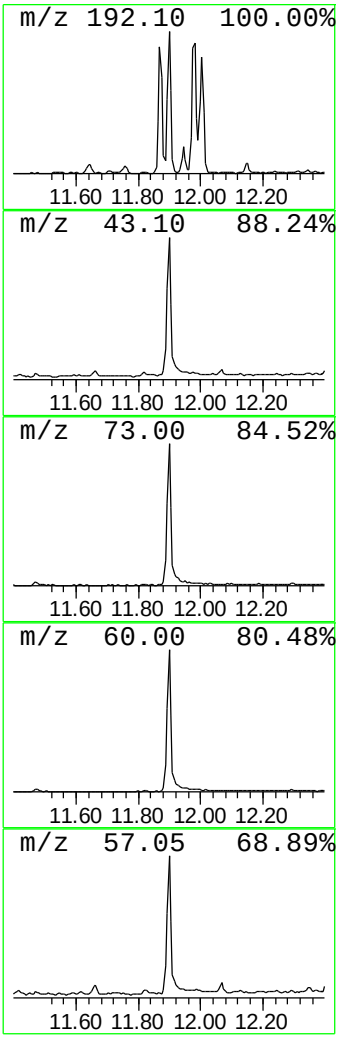
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	19.13 ng	2430690	Phenanthrene-d10	11.37

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	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Operator : JU/SJ
Sample : K2765-17
Misc :
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Instrument : BNA_F
ClientSampleId : P026-SS005-1824-01

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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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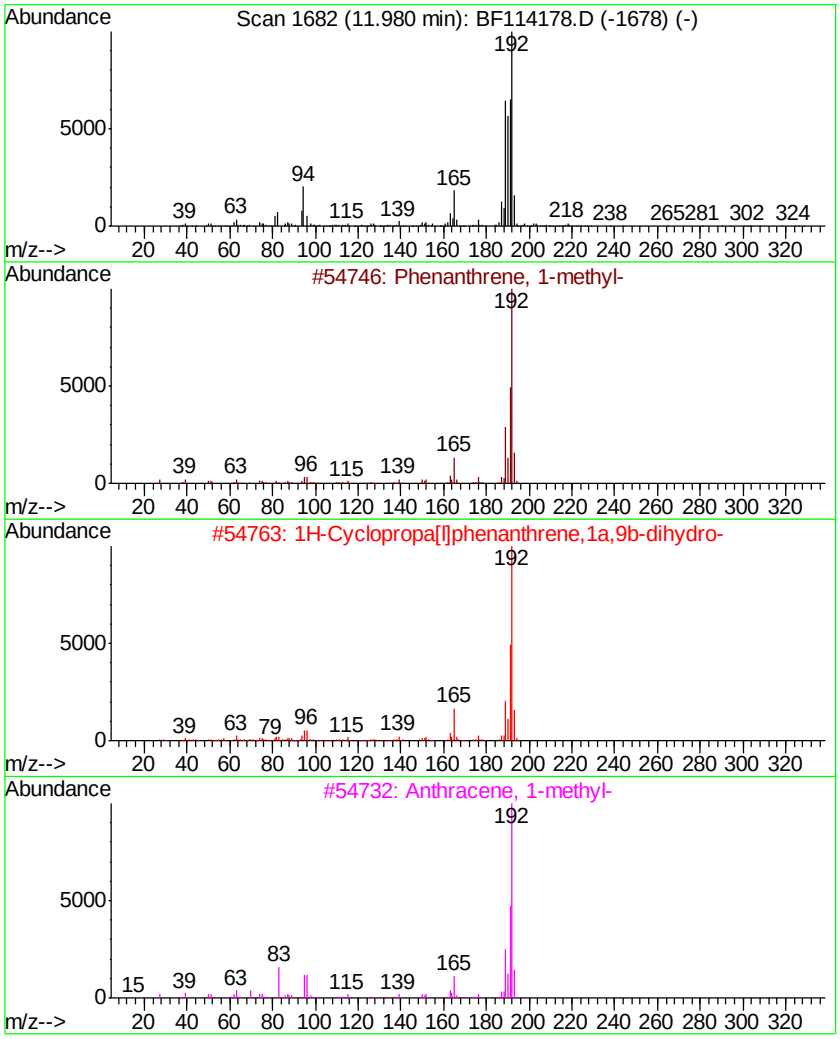
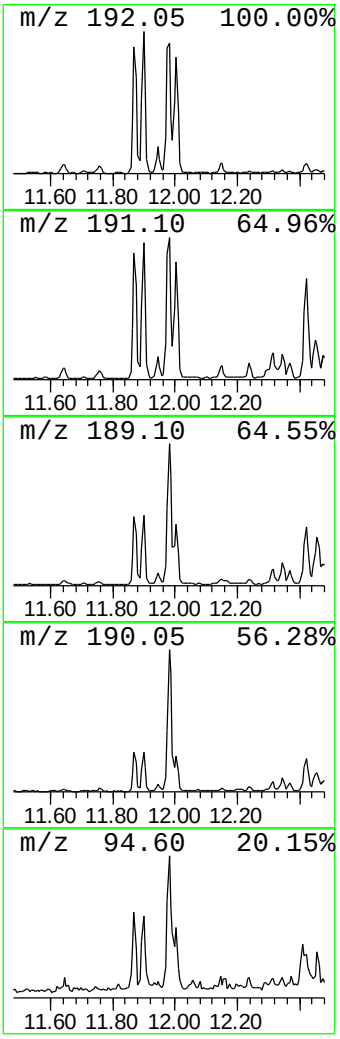
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	7.62 ng	968139	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	60
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60





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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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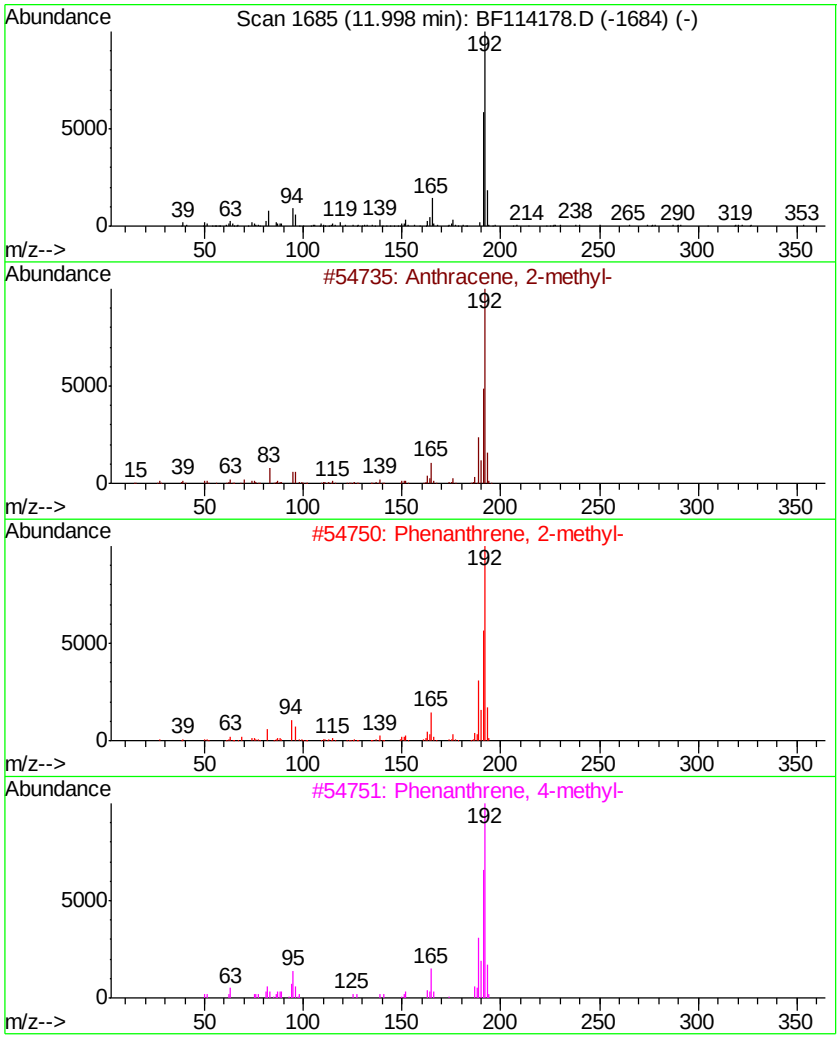
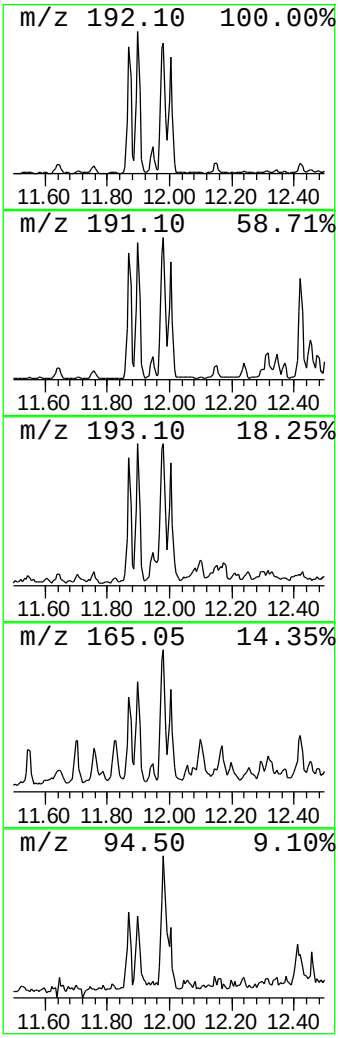
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	3.97 ng	504593	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





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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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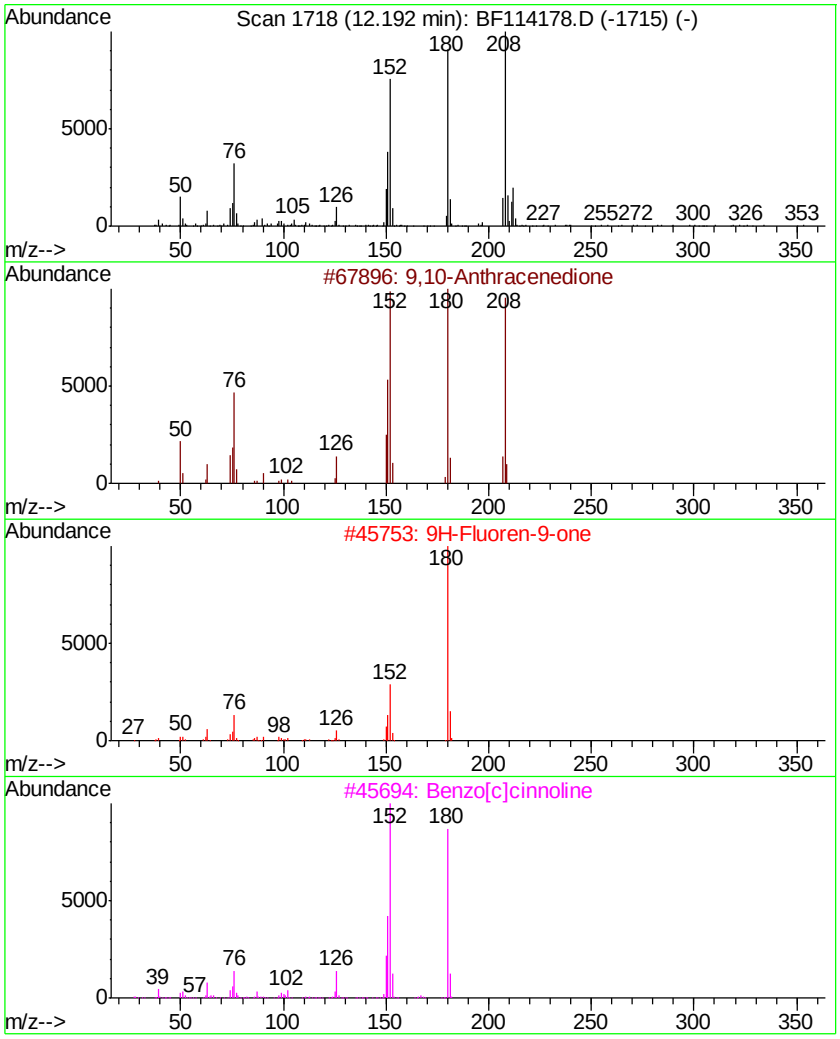
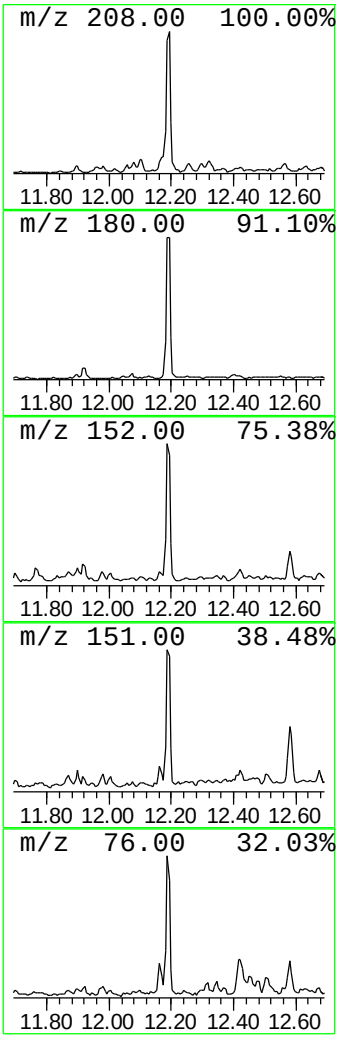
Peak Number 9 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	4.83 ng	614095	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	45
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	45





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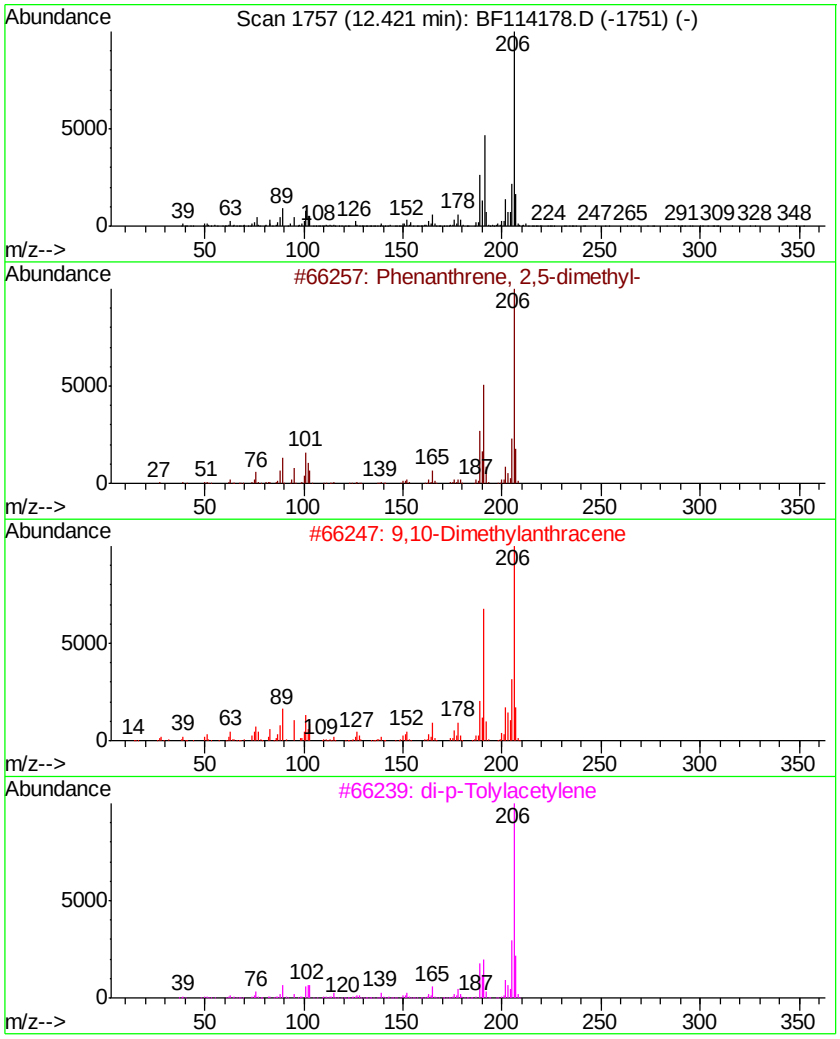
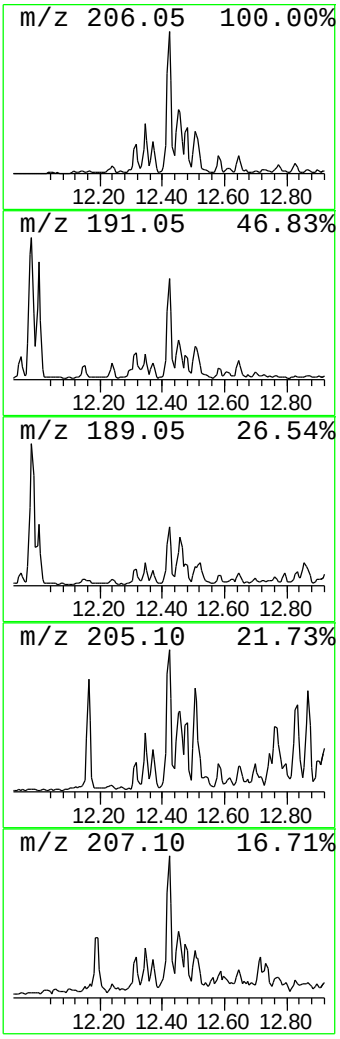
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	9.34 ng	1187090	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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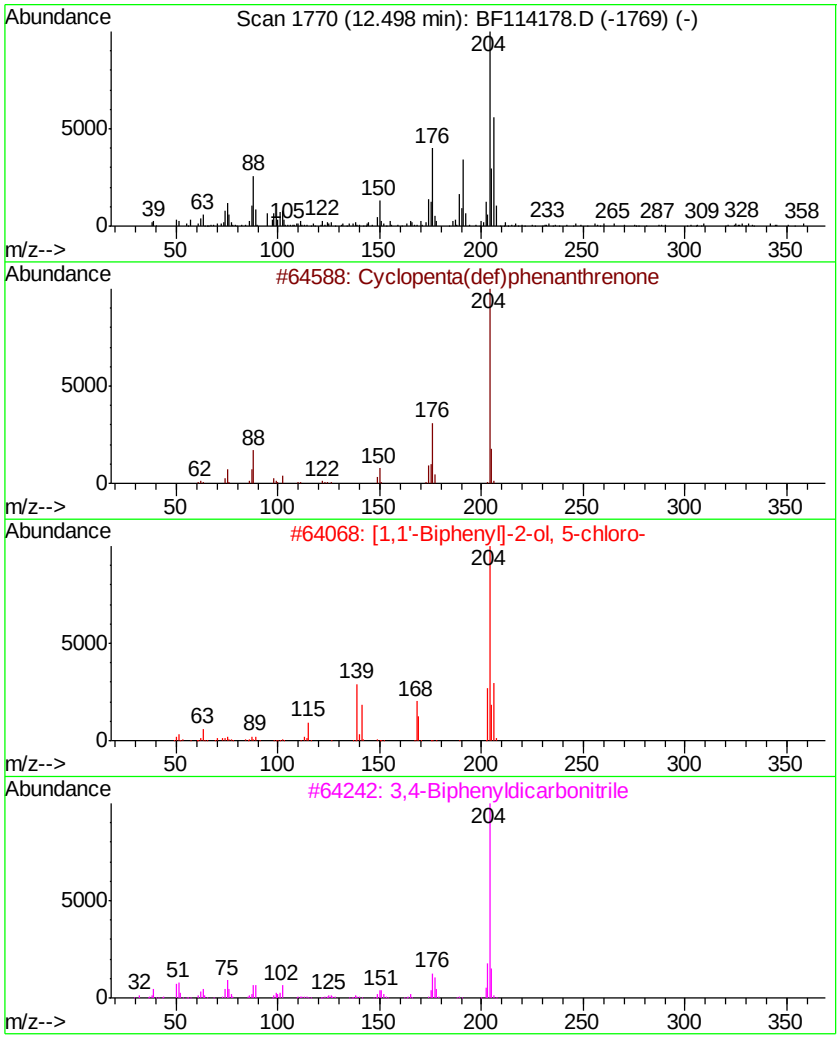
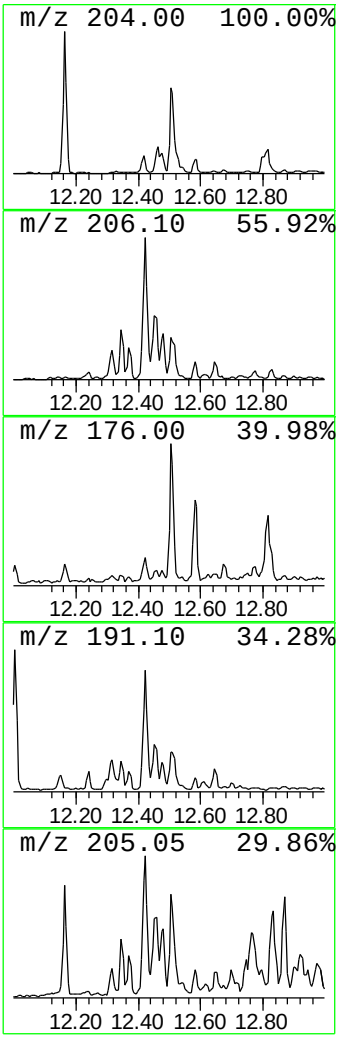
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	5.03 ng	639427	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	49
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47
4	Mannose, 6-deoxy-2,3,4,5-tetraki...	452	C18H44O5Si4	019127-15-2	43
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43





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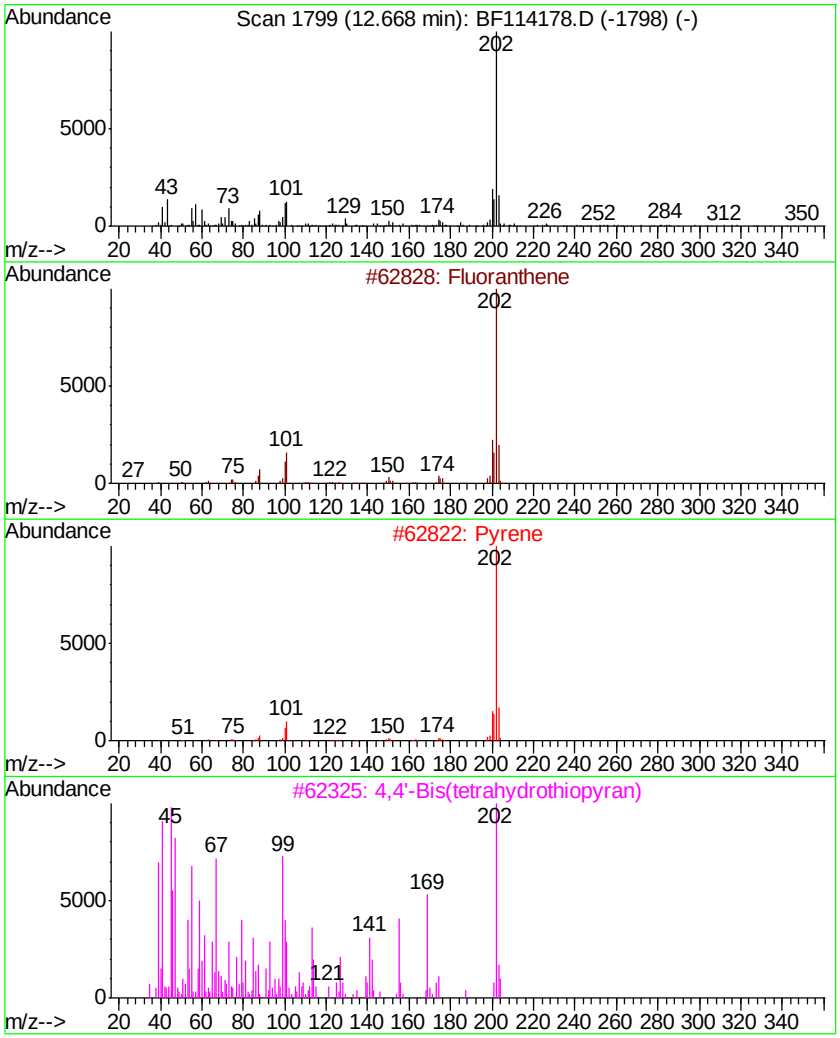
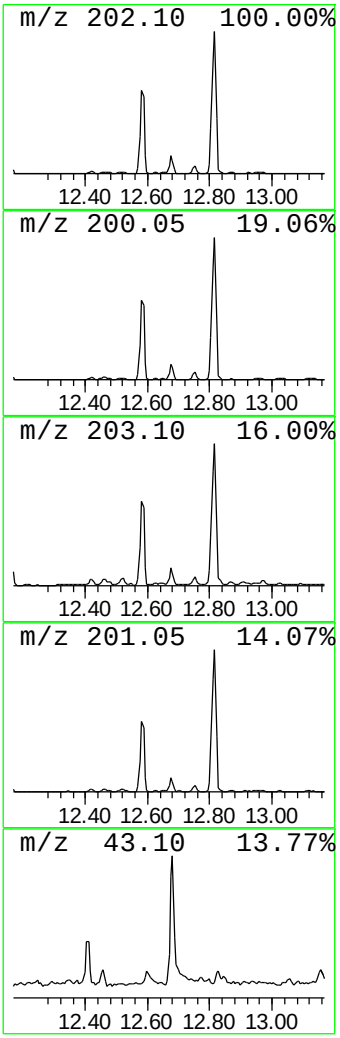
Peak Number 12 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	8.10 ng	1028900	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	98
2	Pyrene	202	C16H10	000129-00-0	81
3	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	60
4	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	58
5	1,4-Pentadiyn-3-one, 1,5-diphenyl-	230	C17H10O	015814-30-9	45





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ClientSampleId : P026-SS005-1824-01

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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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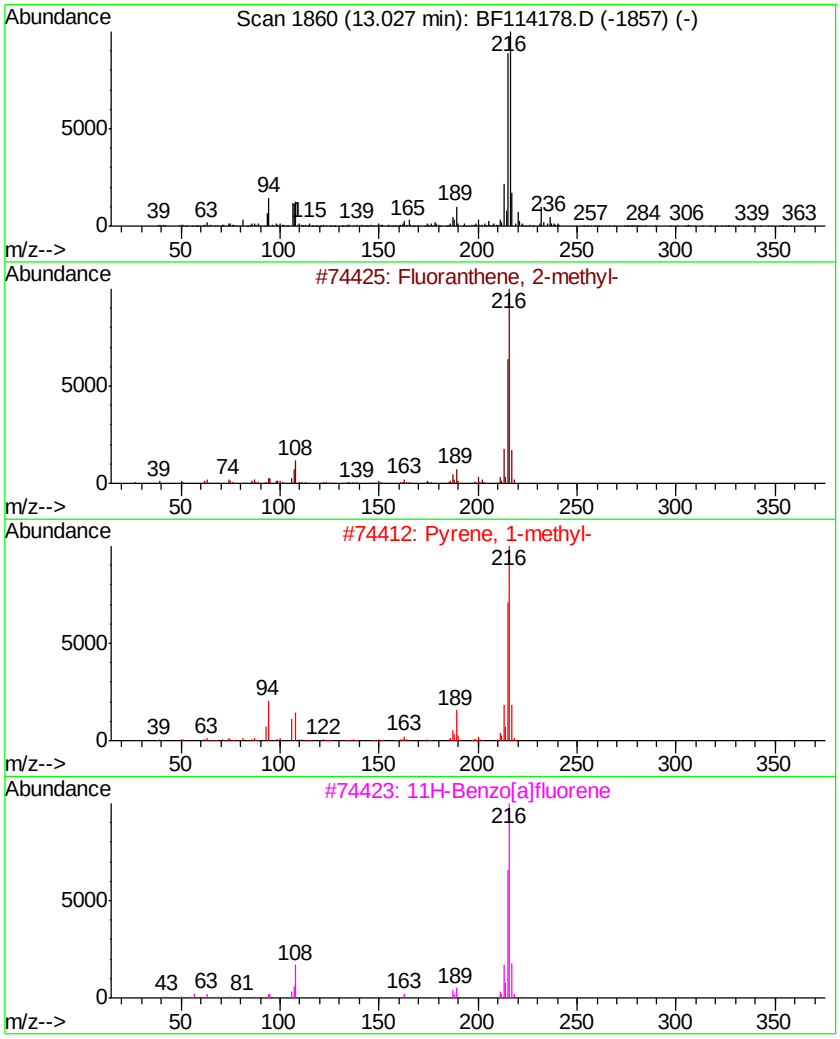
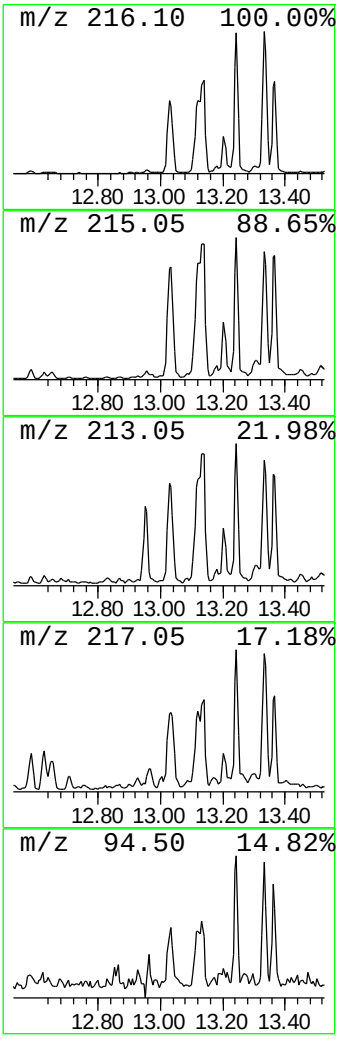
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	4.36 ng	920558	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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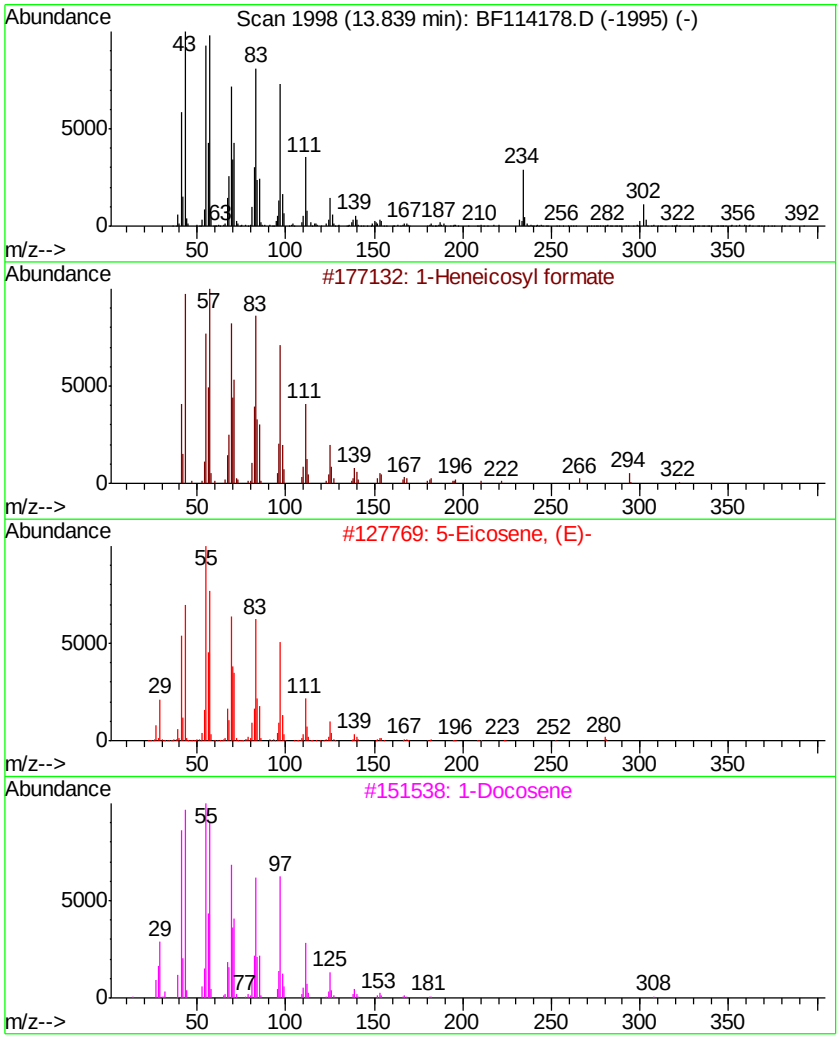
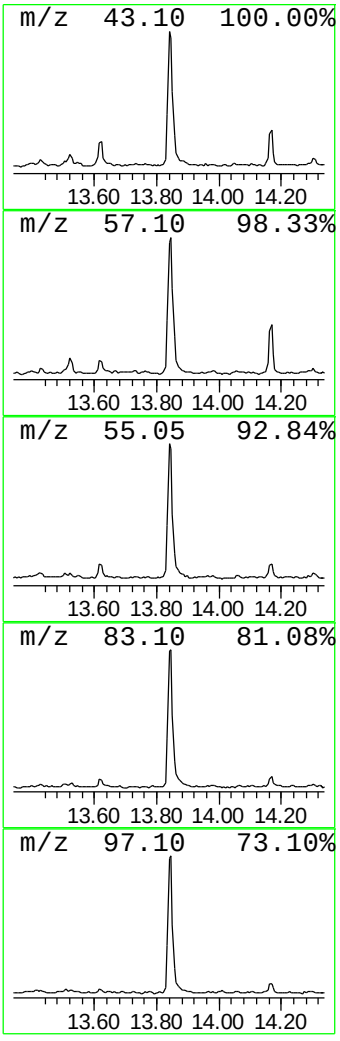
Peak Number 14 1-Heneicosyl formate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	8.81 ng	1860800	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	97
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
3	1-Docosene	308	C22H44	001599-67-3	95
4	Octacosanol	410	C28H58O	000557-61-9	87
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	87





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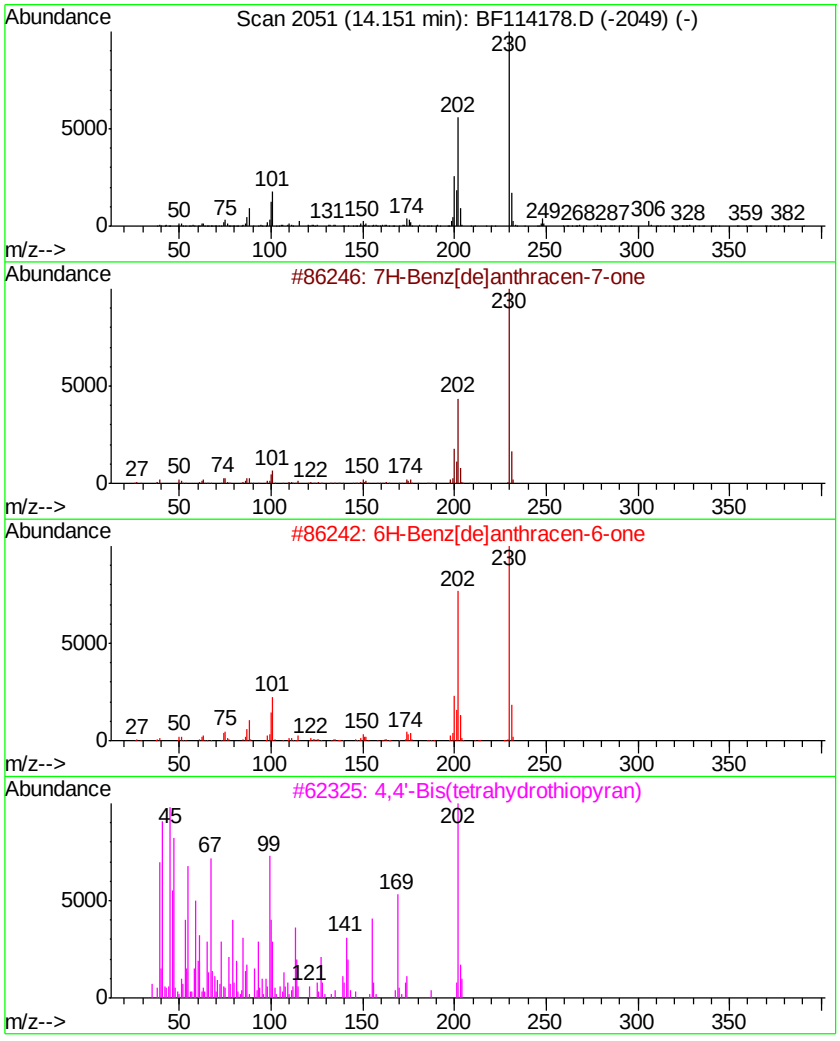
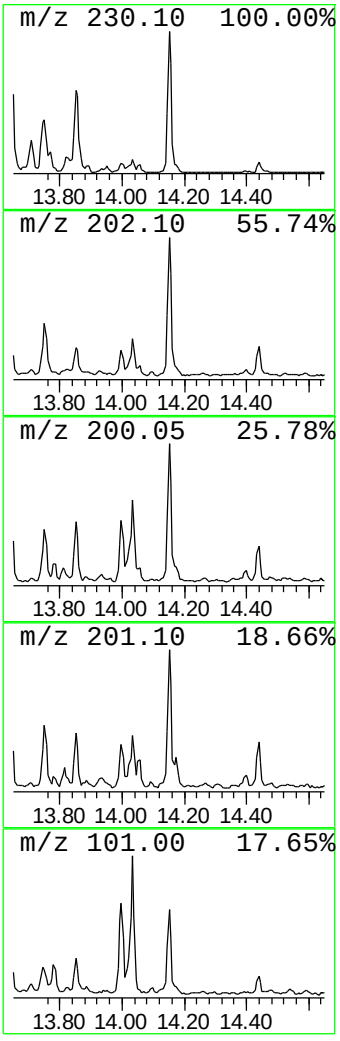
Peak Number 15 7H-Benz[de]anthracen-7-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	6.10 ng	1288080	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	95
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	95
3	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	91
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	89
5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	68





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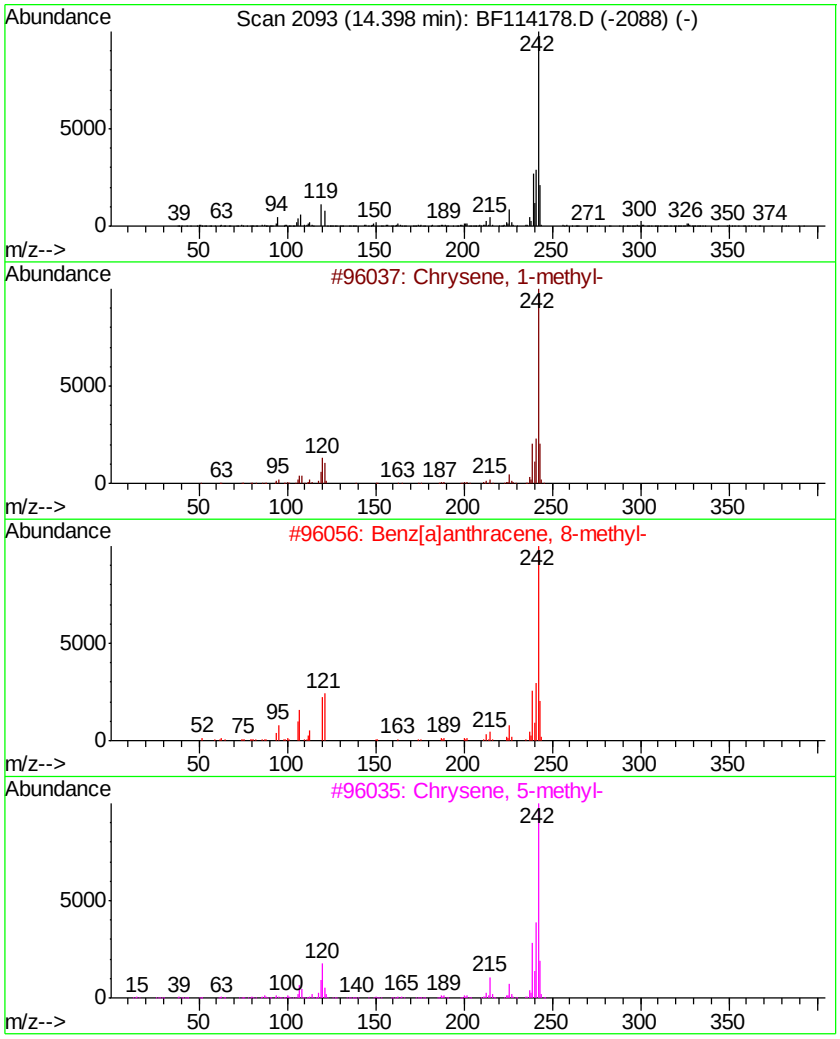
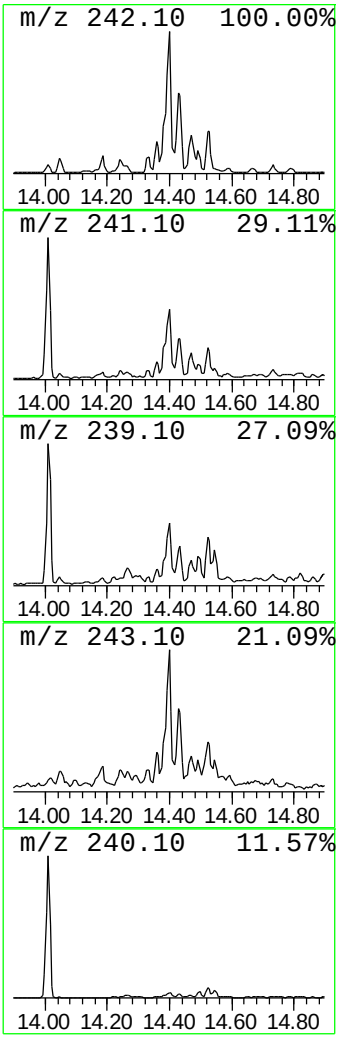
Peak Number 16 Chrysene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	4.37 ng	923252	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	91
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89
3	Chrysene, 5-methyl-	242	C19H14	003697-24-3	89
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	86
5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	86





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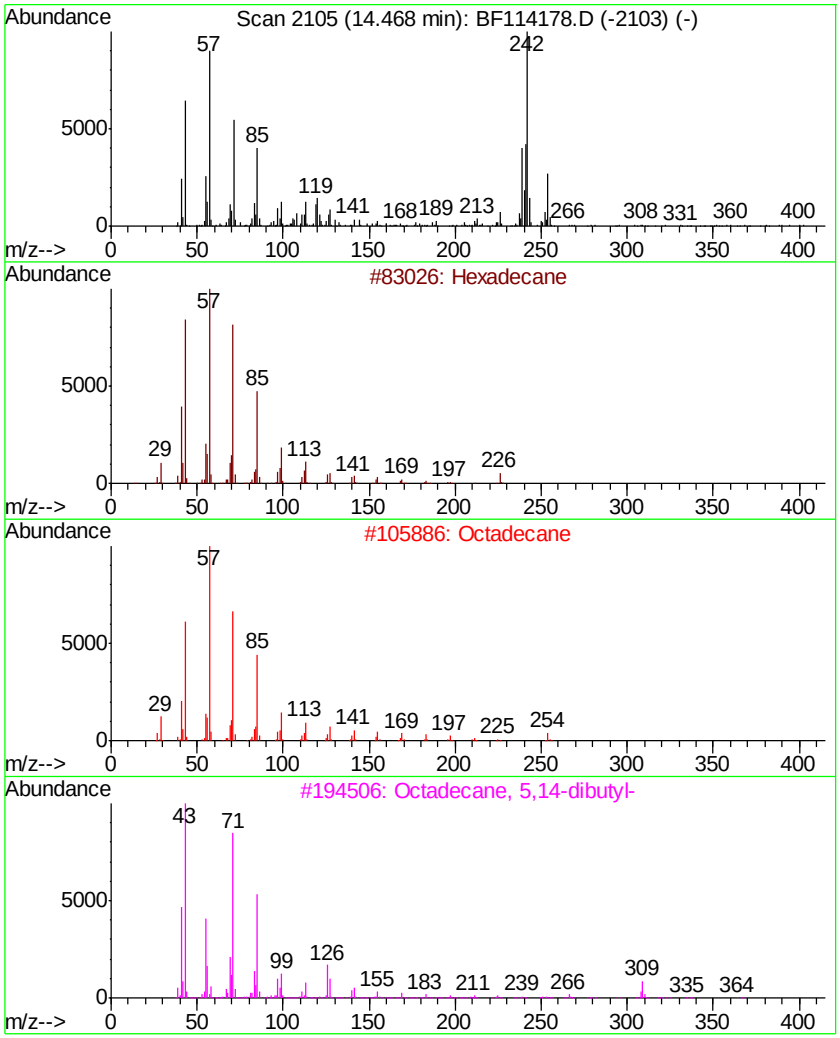
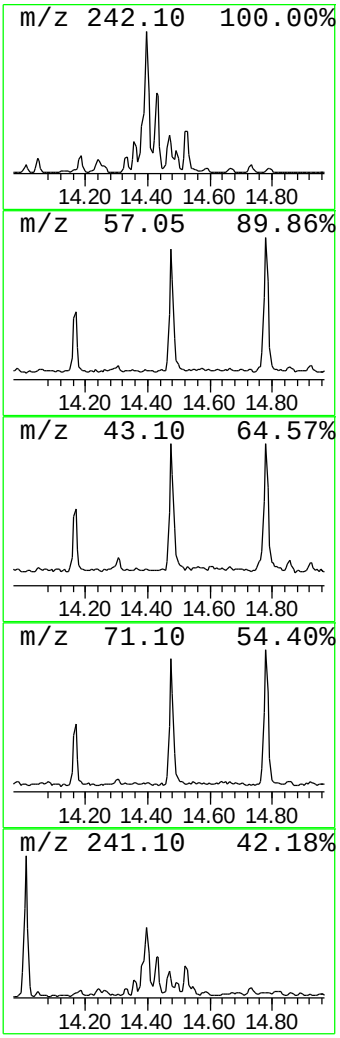
Peak Number 17 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	6.02 ng	1270670	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Octadecane	254	C18H38	000593-45-3	78
3	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	52
4	Heptadecane	240	C17H36	000629-78-7	50
5	Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	45





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ClientSampleId : P026-SS005-1824-01

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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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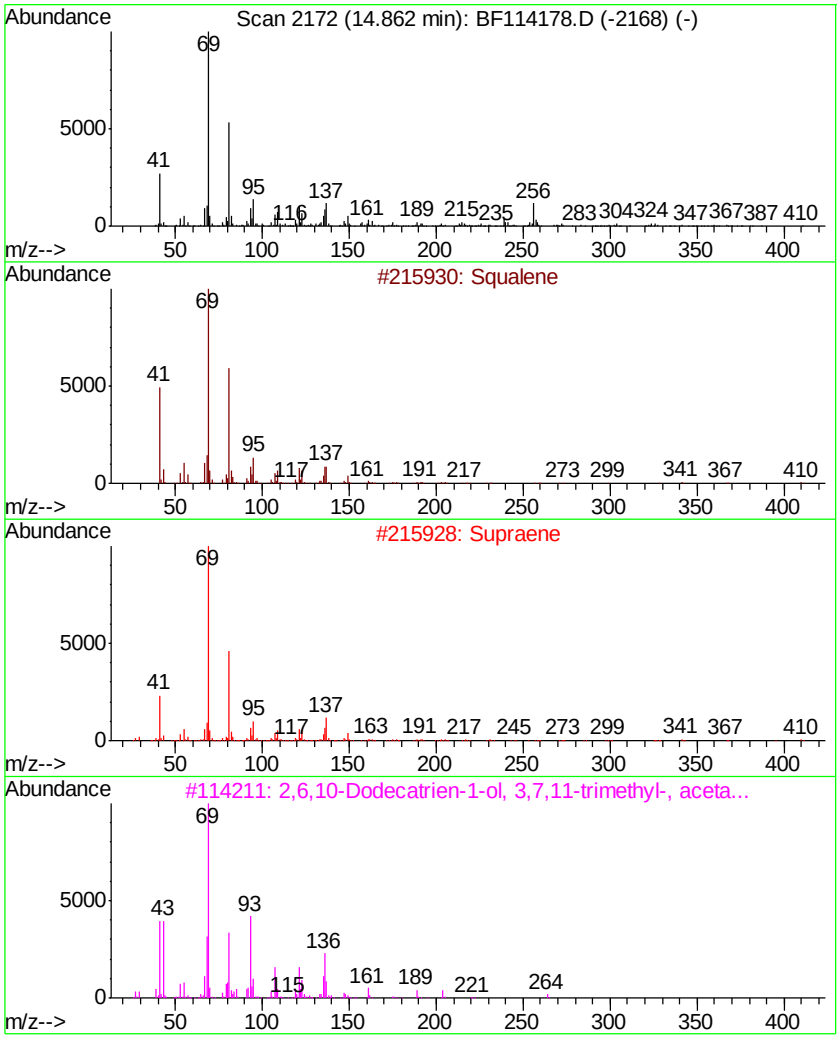
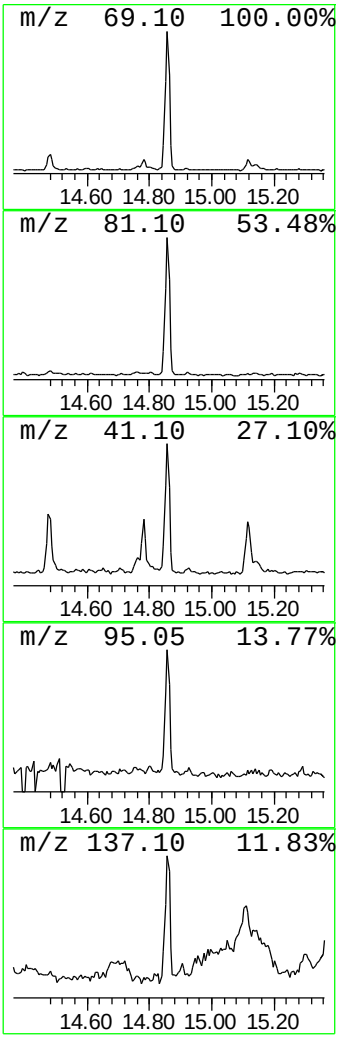
Peak Number 18 Squalene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	4.72 ng	749542	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	90
2	Supraene	410	C30H50	007683-64-9	83
3	2,6,10-Dodecatrien-1-ol, 3,7,11-...	264	C17H28O2	004128-17-0	64
4	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64
5	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114178.D
Acq On : 12 May 2019 2:38
Operator : JU/SJ
Sample : K2765-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS005-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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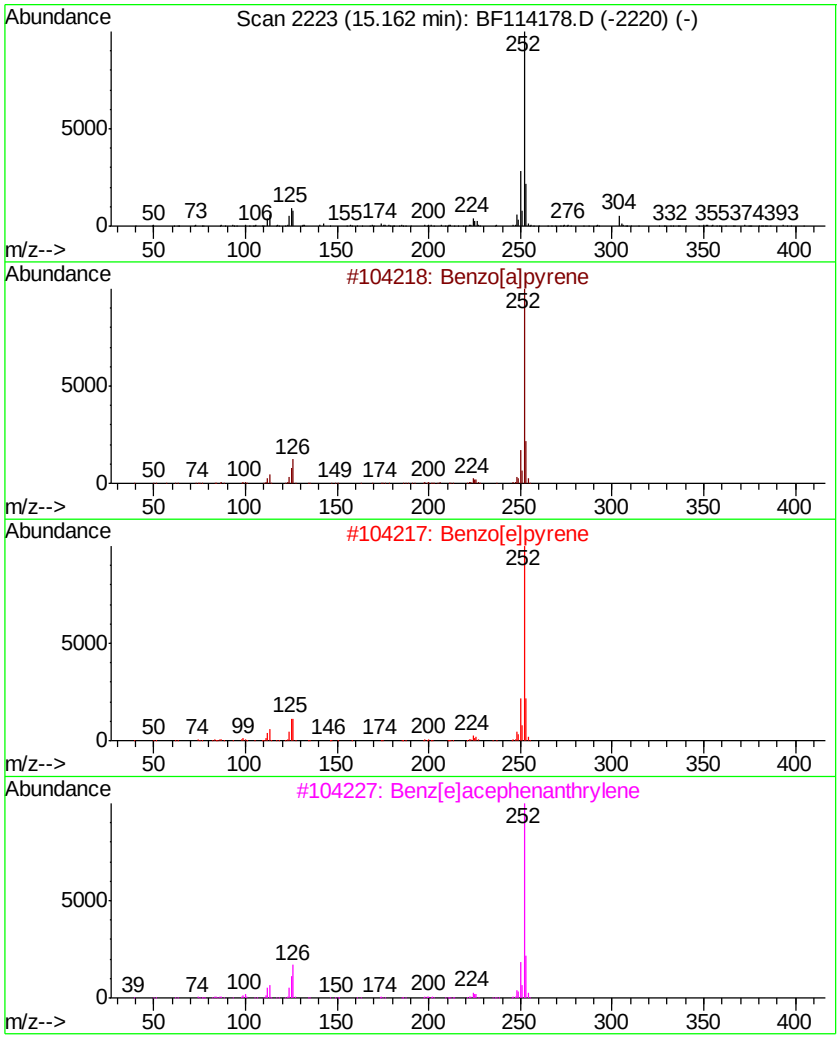
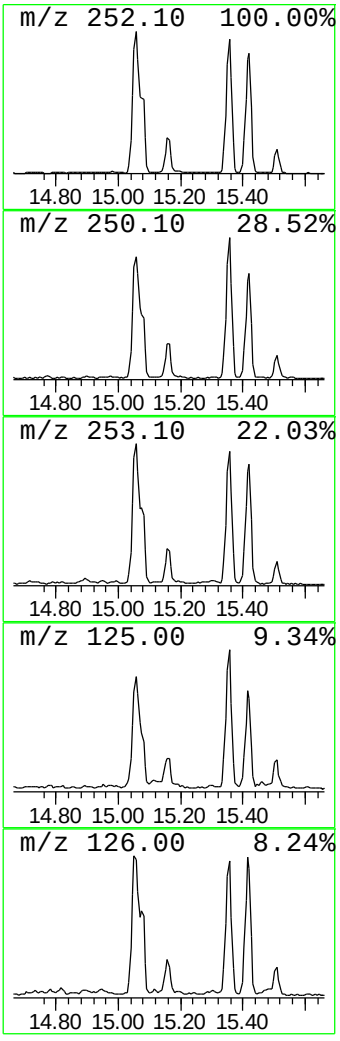
Peak Number 19 Benzo[j]fluoranthene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	5.34 ng	846525	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Perylene	252	C20H12	000198-55-0	81
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114178.D
Acq On : 12 May 2019 2:38
Operator : JU/SJ
Sample : K2765-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS005-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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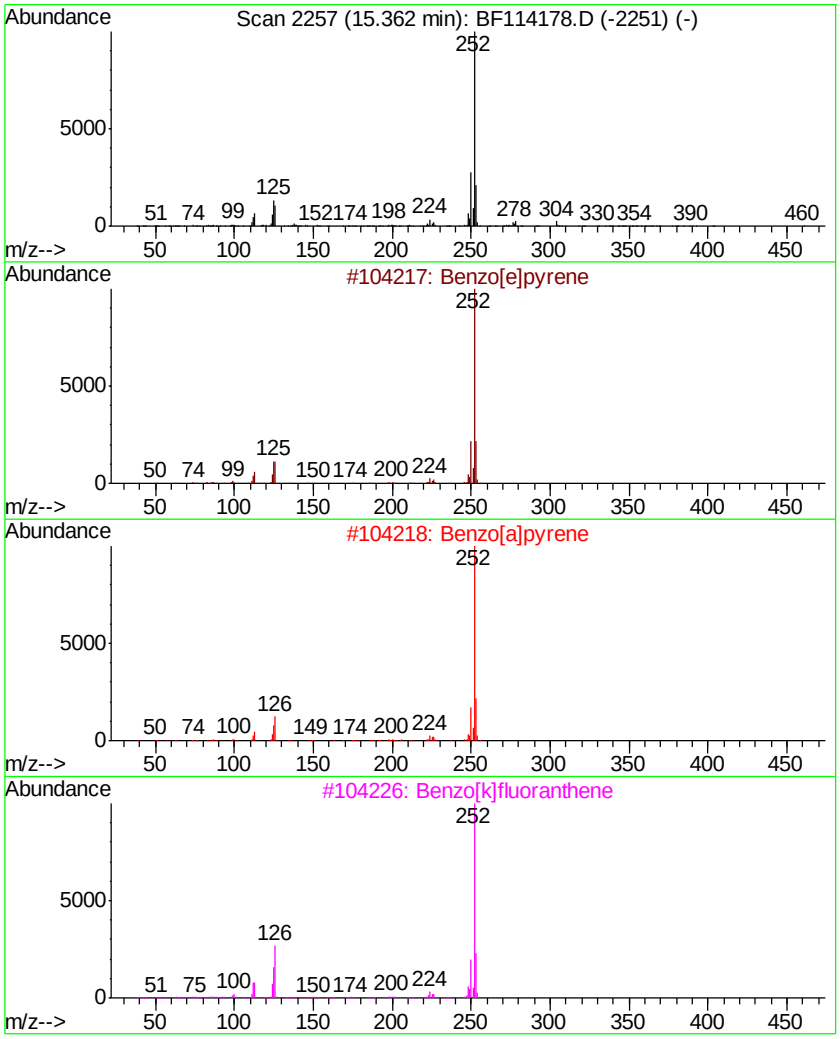
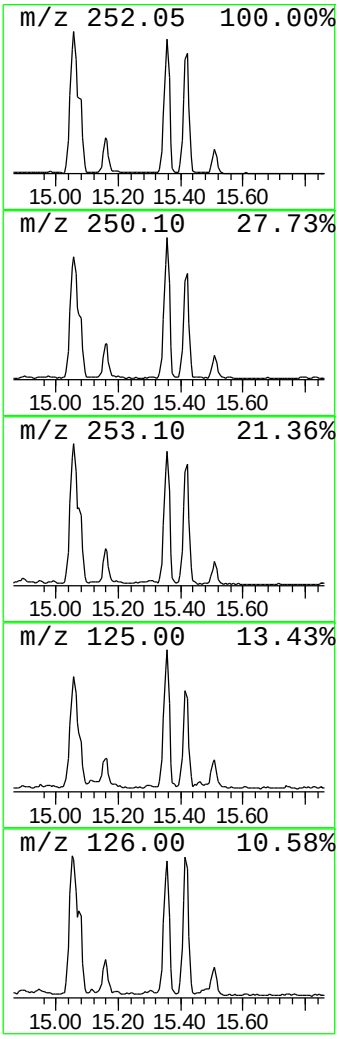
Peak Number 20 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	12.05 ng	1911340	Perylene-d12	15.48

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	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Perylene	252	C20H12	000198-55-0	94
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
Data File : BF114178.D
Acq On : 12 May 2019 2:38
Operator : JU/SJ
Sample : K2765-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS005-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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...	2.12	20.6	ng	1806610	1	6.85	1755670	20.0
unknown6.63	6.63	85.6	ng	7515690	1	6.85	1755670	20.0
Resorcinol	8.58	24.7	ng	2696460	2	8.13	2185720	20.0
Phenanthrene, 2-m...	11.87	4.6	ng	579520	4	11.37	2541570	20.0
n-Hexadecanoic acid	11.90	19.1	ng	2430690	4	11.37	2541570	20.0
Phenanthrene, 1-m...	11.98	7.6	ng	968139	4	11.37	2541570	20.0
Anthracene, 2-met...	12.00	4.0	ng	504593	4	11.37	2541570	20.0
9,10-Anthracenedione	12.19	4.8	ng	614095	4	11.37	2541570	20.0
Phenanthrene, 2,5...	12.42	9.3	ng	1187090	4	11.37	2541570	20.0
Cyclopenta(def)ph...	12.50	5.0	ng	639427	4	11.37	2541570	20.0
Benzene, 1,1'-(1,...	12.67	8.1	ng	1028900	4	11.37	2541570	20.0
Fluoranthene, 2-m...	13.03	4.4	ng	920558	5	14.01	4224940	20.0
1-Heneicosyl formate	13.84	8.8	ng	1860800	5	14.01	4224940	20.0
7H-Benz[de]anthra...	14.15	6.1	ng	1288080	5	14.01	4224940	20.0
Chrysene, 1-methyl-	14.40	4.4	ng	923252	5	14.01	4224940	20.0
Hexadecane	14.47	6.0	ng	1270670	5	14.01	4224940	20.0
Squalene	14.86	4.7	ng	749542	6	15.48	3173130	20.0
Benzo[j]fluoranthene	15.16	5.3	ng	846525	6	15.48	3173130	20.0
Benzo[e]pyrene	15.36	12.1	ng	1911340	6	15.48	3173130	20.0