LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118137.D
Acq On : 7 Dec 2019 18:58
Operator : JU
Sample : K6147-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC006

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-BF120619.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	5.075	503	508	522	rVB	396790	488550	1.81%	0.186%
2	5.481	573	577	581	rBV	2468478	2541762	9.43%	0.969%
3	6.498	745	750	753	rBV	2795159	2752770	10.21%	1.049%
4	6.639	769	774	777	rBV	3165138	2958060	10.98%	1.128%
5	6.863	809	812	816	rBV	847302	736906	2.73%	0.281%
6	7.022	835	839	843	rBV	2688105	2279073	8.46%	0.869%
7	7.433	903	909	912	rBV	1785114	1725208	6.40%	0.658%
8	8.151	1027	1031	1034	rBV	1183927	980574	3.64%	0.374%
9	9.233	1210	1215	1218	rBV	4268718	3470041	12.87%	1.323%
10	9.774	1304	1307	1313	rVB	454185	379463	1.41%	0.145%
11	9.916	1328	1331	1333	rVV	1349480	1166320	4.33%	0.445%
12	9.951	1333	1337	1340	rVB	2949627	2533845	9.40%	0.966%
13	10.116	1361	1365	1369	rVV	1034503	921645	3.42%	0.351%
14	10.463	1420	1424	1429	rBV	1989477	1726486	6.41%	0.658%
15	10.621	1448	1451	1454	rVB	679760	566296	2.10%	0.216%
16	10.704	1459	1465	1469	rBV	2771864	2931378	10.88%	1.117%
17	11.016	1510	1518	1520	rBV3	462311	633532	2.35%	0.241%
18	11.163	1541	1543	1549	rVV	350218	427749	1.59%	0.163%
19	11.210	1549	1551	1555	rVV	580644	533209	1.98%	0.203%
20	11.257	1555	1559	1563	rVV3	336717	518766	1.92%	0.198%
21	11.304	1563	1567	1572	rVB	1049551	954589	3.54%	0.364%
22	11.457	1579	1593	1595	rBV	10399969	16491290	61.19%	6.286%
23	11.498	1595	1600	1603	rVV	5837383	4859137	18.03%	1.852%
24	11.639	1621	1624	1626	rVB	834928	624746	2.32%	0.238%
25	11.704	1631	1635	1638	rBV	581535	470633	1.75%	0.179%
26	11.915	1665	1671	1673	rBV	1943598	1963411	7.28%	0.748%
27	11.945	1673	1676	1679	rVB	2952212	2706443	10.04%	1.032%
28	11.992	1679	1684	1687	rBV	1136620	1048972	3.89%	0.400%
29	12.033	1687	1691	1697	rVB2	3864873	4956504	18.39%	1.889%
30	12.210	1717	1721	1724	rVV	2097722	1791720	6.65%	0.683%
31	12.251	1724	1728	1731	rVB	1296004	1419887	5.27%	0.541%
32	12.357	1741	1746	1749	rBV	540734	529954	1.97%	0.202%
33	12.463	1760	1764	1767	rBV	763371	959529	3.56%	0.366%
34	12.510	1767	1772	1778	rVB3	562163	933591	3.46%	0.356%

LSC Area Percent Report

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Acq On : 7 Dec 2019 18:58
Operator : JU
Sample : K6147-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC006

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-BF120619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.580	1778	1784	1788	rVB2	746156	1121352	4.16%	0.427%
36	12.668	1788	1799	1802	rBV	11407576	26951793	100.00%	10.273%
37	12.704	1802	1805	1807	rVB	435918	374247	1.39%	0.143%
38	12.786	1815	1819	1822	rBV	1391133	1366180	5.07%	0.521%
39	12.886	1829	1836	1837	rBV2	10104741	16987508	63.03%	6.475%
40	12.904	1837	1839	1840	rVV	9970945	7217842	26.78%	2.751%
41	12.915	1840	1841	1845	rVB2	1464236	1087458	4.03%	0.415%
42	13.004	1845	1856	1858	rBV2	3553430	5019869	18.63%	1.913%
43	13.027	1858	1860	1863	rVB	852504	702983	2.61%	0.268%
44	13.086	1864	1870	1873	rBV2	1333506	2482582	9.21%	0.946%
45	13.115	1873	1875	1877	rVB	542358	398896	1.48%	0.152%
46	13.168	1880	1884	1886	rBV3	1087018	1352382	5.02%	0.515%
47	13.198	1886	1889	1892	rVB	3403291	3284586	12.19%	1.252%
48	13.262	1896	1900	1902	rBV	2517542	2255010	8.37%	0.860%
49	13.298	1902	1906	1909	rVV2	1578267	1988929	7.38%	0.758%
50	13.321	1909	1910	1913	rVB	824414	582839	2.16%	0.222%
51	13.392	1919	1922	1924	rBV	831839	652288	2.42%	0.249%
52	13.421	1924	1927	1930	rBV2	982158	1036012	3.84%	0.395%
53	13.568	1949	1952	1954	rBV3	304764	375915	1.39%	0.143%
54	13.615	1958	1960	1962	rVV	509215	461739	1.71%	0.176%
55	13.674	1967	1970	1972	rVV2	341441	414374	1.54%	0.158%
56	13.704	1972	1975	1979	rVV	1701308	1901707	7.06%	0.725%
57	13.815	1990	1994	1996	rVV	2390128	2567453	9.53%	0.979%
58	13.845	1996	1999	2001	rVV	2208727	2299416	8.53%	0.876%
59	13.874	2001	2004	2010	rVV3	2295609	3989401	14.80%	1.521%
60	13.927	2010	2013	2015	rVV	1762317	1842412	6.84%	0.702%
61	13.986	2018	2023	2027	rVV	621144	989628	3.67%	0.377%
62	14.080	2029	2039	2042	rVV2	7810686	16692165	61.93%	6.363%
63	14.121	2042	2046	2050	rVV	8246504	11156711	41.40%	4.253%
64	14.162	2050	2053	2054	rVV2	453294	511604	1.90%	0.195%
65	14.186	2054	2057	2060	rVV	2173948	2063541	7.66%	0.787%
66	14.215	2060	2062	2066	rVV2	824324	1259985	4.67%	0.480%
67	14.262	2067	2070	2072	rVV	1471288	1434698	5.32%	0.547%
68	14.292	2072	2075	2079	rVV2	1652175	2216233	8.22%	0.845%
69	14.327	2079	2081	2084	rVV2	590554	637885	2.37%	0.243%
70	14.386	2088	2091	2093	rVV2	377394	442495	1.64%	0.169%
71	14.415	2093	2096	2098	rVV	802001	877383	3.26%	0.334%

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Misc :
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Instrument : BNA_F
ClientSampleId : P001-WC006

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.457	2098	2103	2105	rVV	1912874	2326771	8.63%	0.887%
73	14.492	2105	2109	2112	rVV3	1097855	1545282	5.73%	0.589%
74	14.539	2112	2117	2118	rVV3	677017	1172816	4.35%	0.447%
75	14.557	2118	2120	2122	rVV	844529	867394	3.22%	0.331%
76	14.586	2122	2125	2126	rVV	1263663	1323843	4.91%	0.505%
77	14.604	2126	2128	2131	rVV3	1352578	1289625	4.78%	0.492%
78	14.651	2131	2136	2142	rVV3	710451	1167525	4.33%	0.445%
79	14.774	2153	2157	2166	rVV5	824635	1656854	6.15%	0.632%
80	14.839	2166	2168	2171	rVV2	346314	406683	1.51%	0.155%
81	14.962	2185	2189	2193	rBV	912166	1161366	4.31%	0.443%
82	15.162	2212	2223	2225	rBV2	6039462	14833022	55.04%	5.654%
83	15.204	2229	2230	2234	rVV	454247	428666	1.59%	0.163%
84	15.251	2234	2238	2241	rVB	1662166	1743152	6.47%	0.664%
85	15.327	2247	2251	2253	rBV3	509896	674858	2.50%	0.257%
86	15.462	2266	2274	2279	rVV	3406090	5903385	21.90%	2.250%
87	15.539	2279	2287	2290	rVV	4875993	8582716	31.84%	3.271%
88	15.580	2290	2294	2296	rVV	690586	926187	3.44%	0.353%
89	15.621	2296	2301	2305	rVB2	2252395	3185677	11.82%	1.214%
90	15.939	2351	2355	2361	rVB4	275485	453640	1.68%	0.173%
91	16.015	2364	2368	2372	rVB2	251902	386837	1.44%	0.147%
92	16.145	2386	2390	2395	rVB2	442154	588673	2.18%	0.224%
93	16.621	2467	2471	2478	rBV3	178385	378127	1.40%	0.144%
94	16.886	2510	2516	2519	rBV2	325382	671689	2.49%	0.256%
95	17.115	2543	2555	2559	rVV	2215937	5766093	21.39%	2.198%
96	17.162	2559	2563	2569	rVB	275444	480215	1.78%	0.183%
97	17.262	2574	2580	2585	rBV	558021	1077999	4.00%	0.411%
98	17.327	2585	2591	2596	rBV2	441755	877522	3.26%	0.334%
99	17.574	2621	2633	2642	rVB	1492243	4192049	15.55%	1.598%
100	17.792	2663	2670	2686	rVB2	464439	1304041	4.84%	0.497%

Sum of corrected areas: 262352247

LSC Report - Integrated Chromatogram

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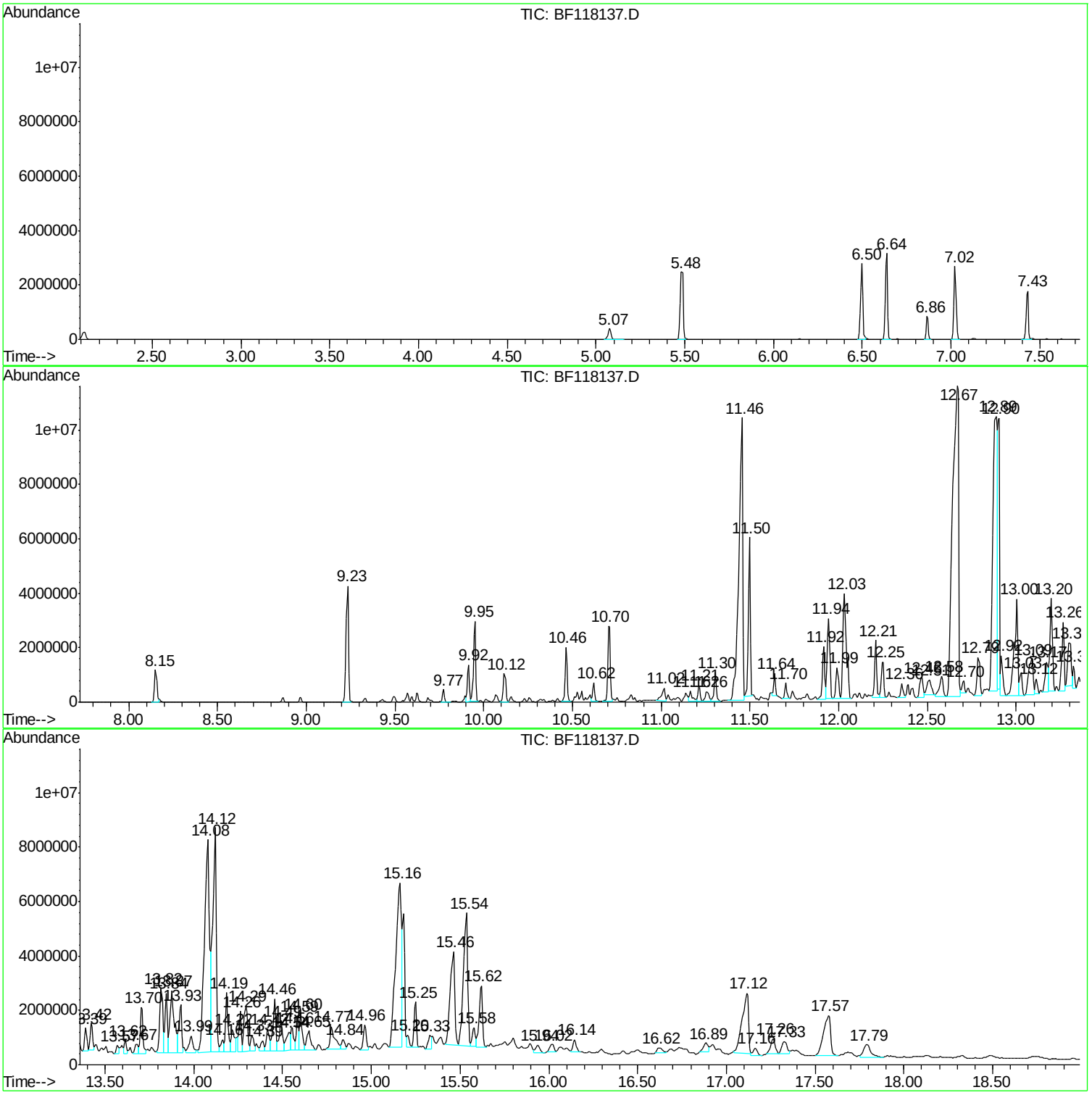
Sample : K6147-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC006

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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\BF120719\
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Instrument : BNA_F
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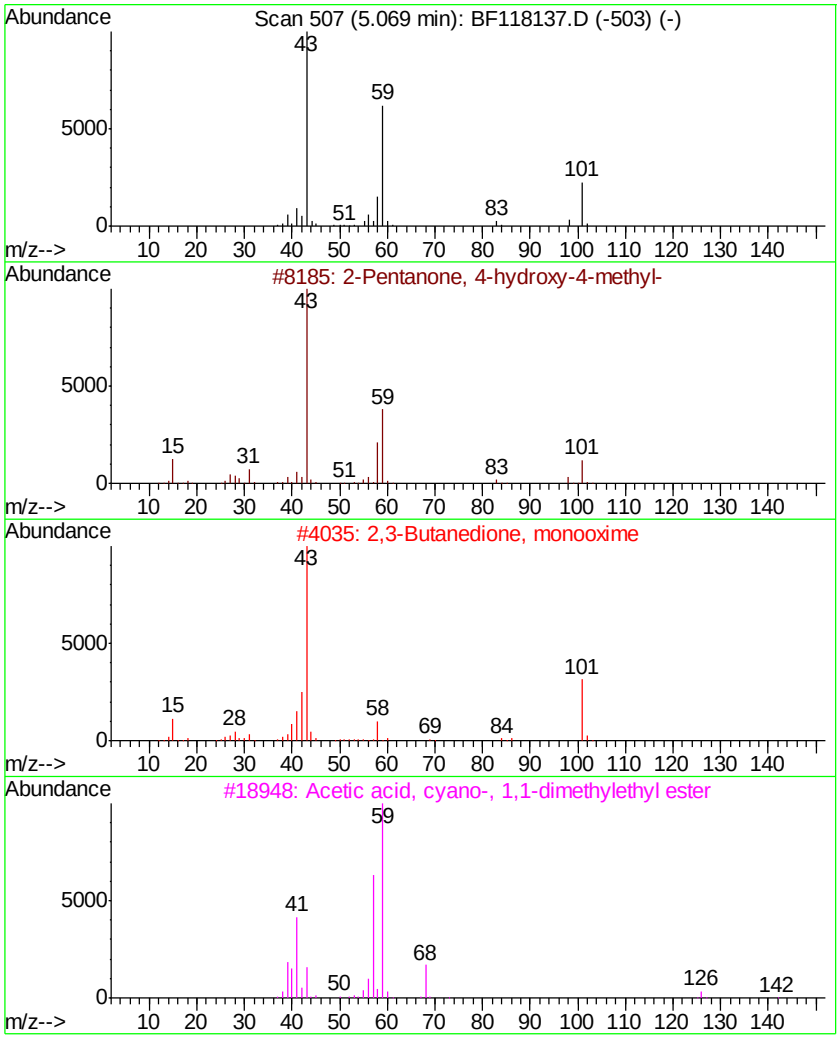
TIC Integration Parameters: LSCINT.P

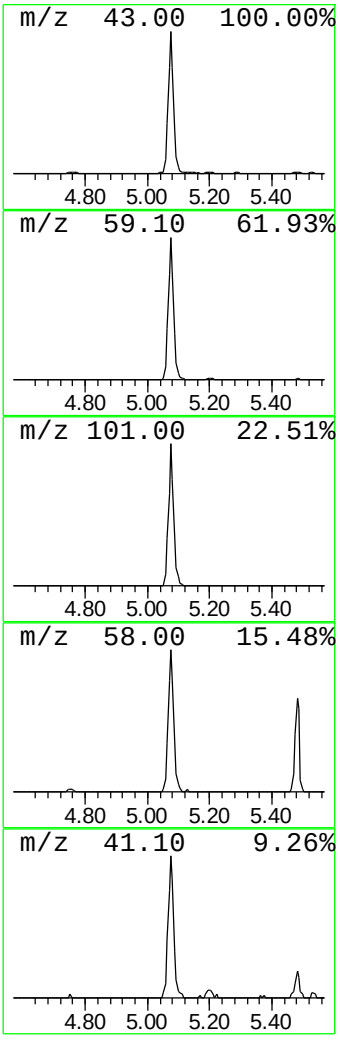
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	13.26 ng	488550	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Instrument : BNA_F
ClientSampleId : P001-WC006

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

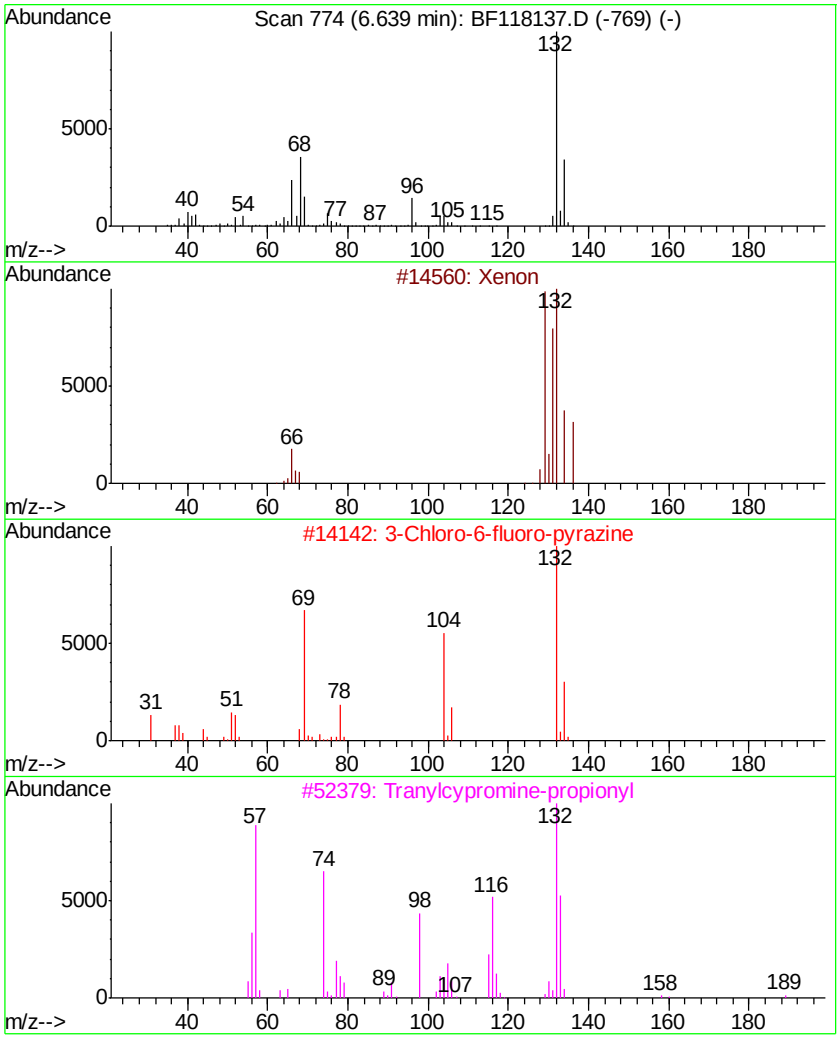
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

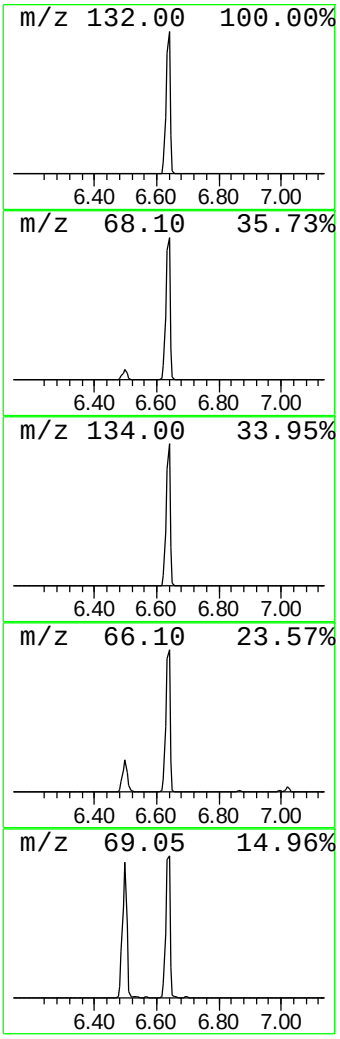
****

Peak Number 2 unknown6.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	80.28 ng	2958060	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Xenon	132	Xe	007440-63-3	50
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	16
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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TIC Library : C:\DATABASE\NIST11.L
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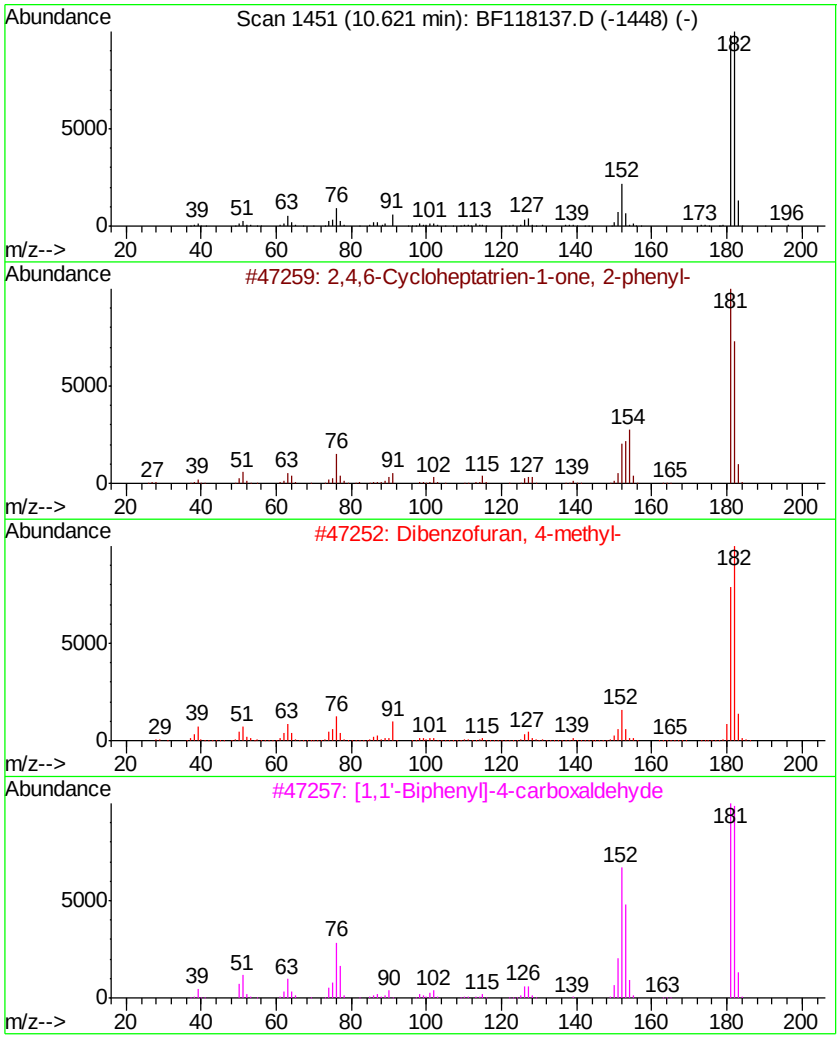
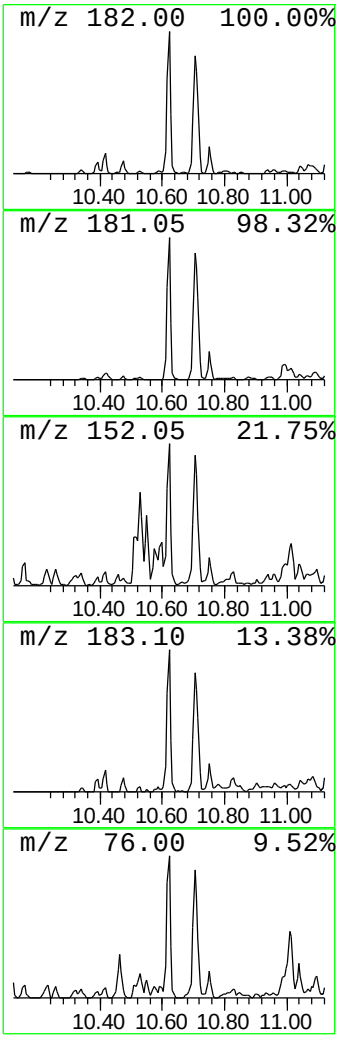
****

Peak Number 4 2,4,6-Cycloheptatrien-1-one... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	9.71 ng	566296	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	64





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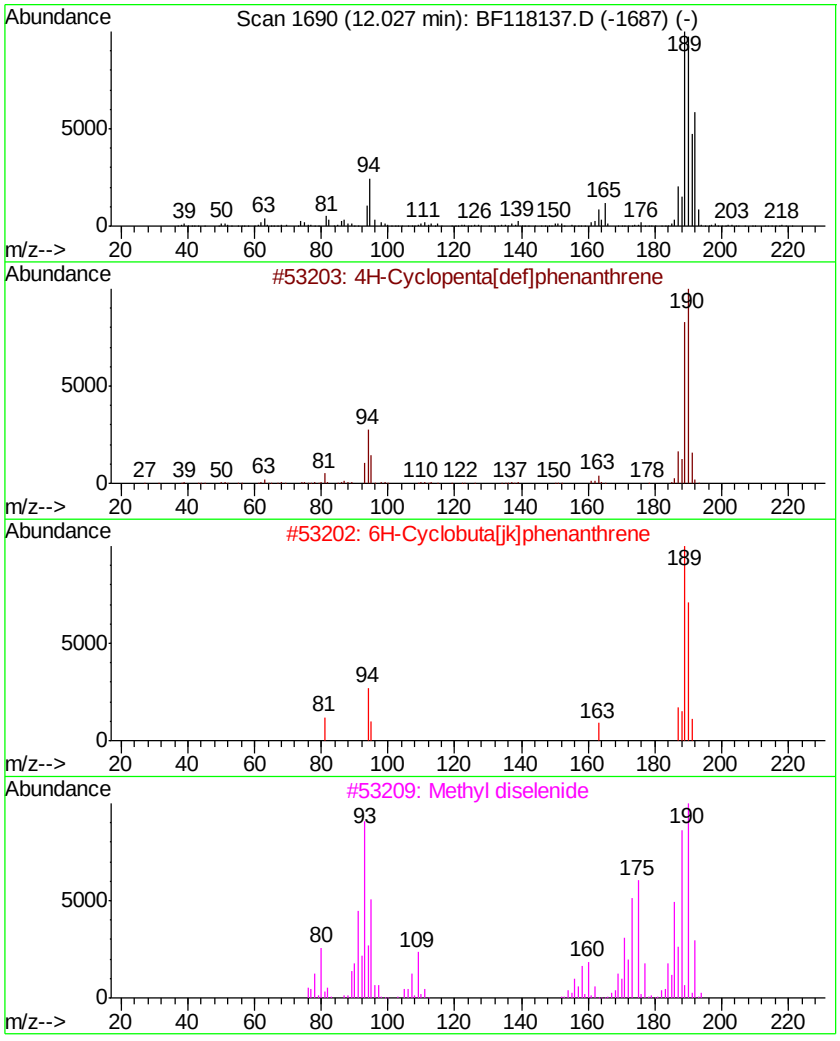
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

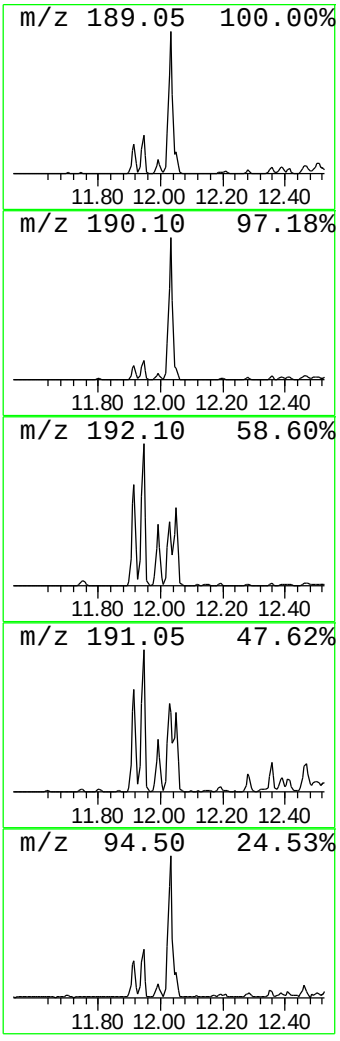
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	6.01 ng	4956500	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	55
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Misc :
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Instrument : BNA_F
ClientSampleId : P001-WC006

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

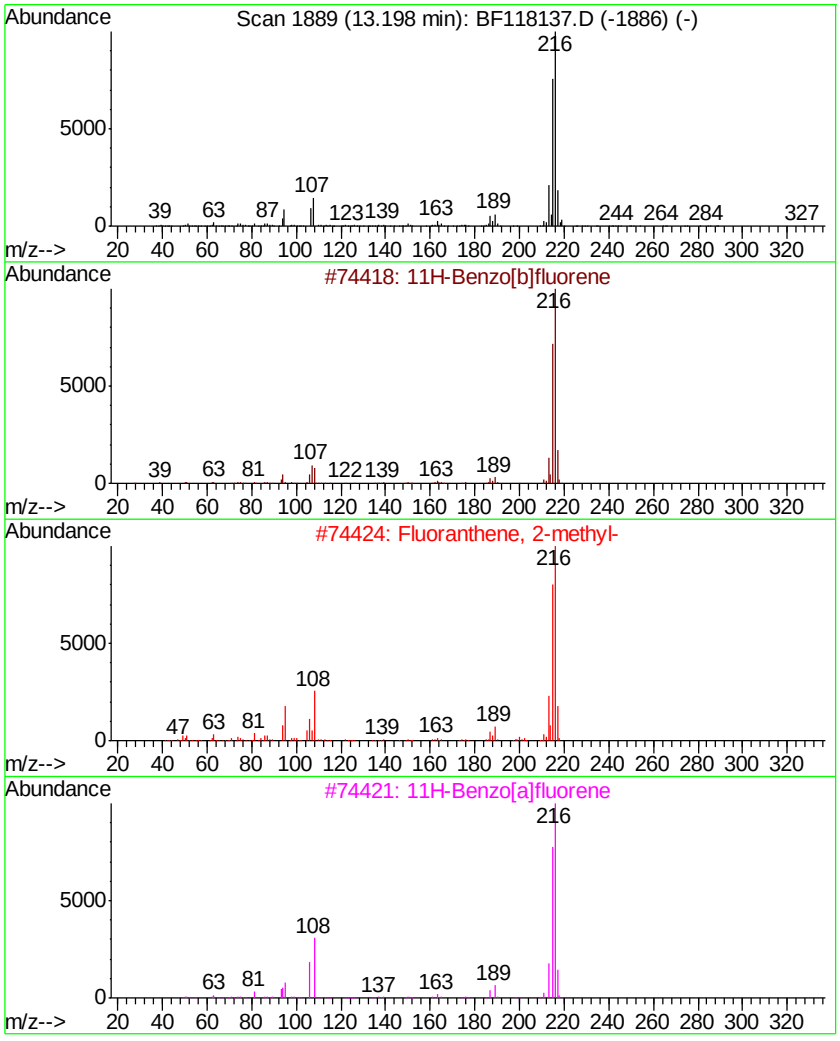
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

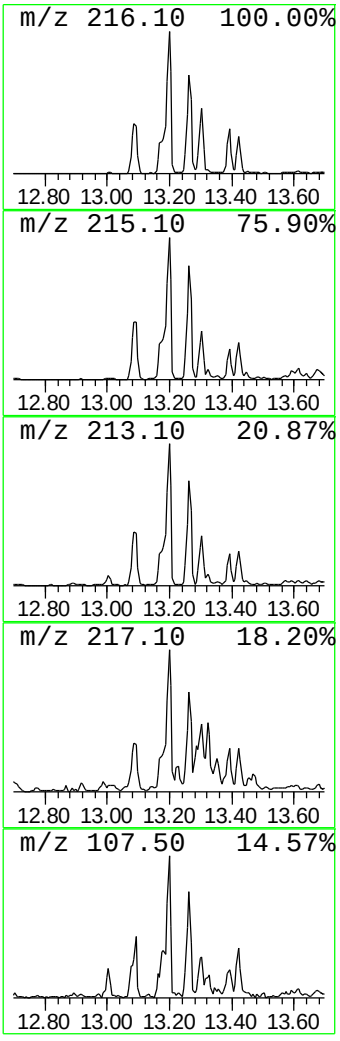
****

Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	3.94 ng	3284590	Chrysene-d12	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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Acq On : 7 Dec 2019 18:58
Operator : JU
Sample : K6147-06
Misc :
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Instrument : BNA_F
ClientSampleId : P001-WC006

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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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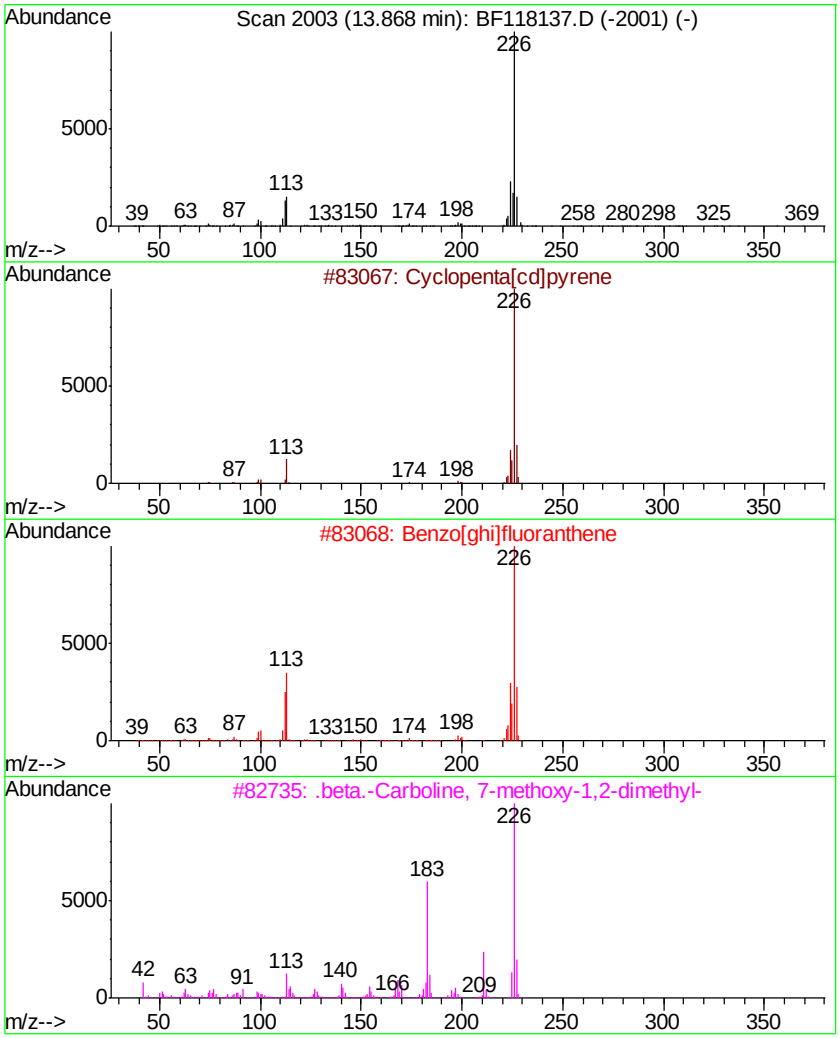
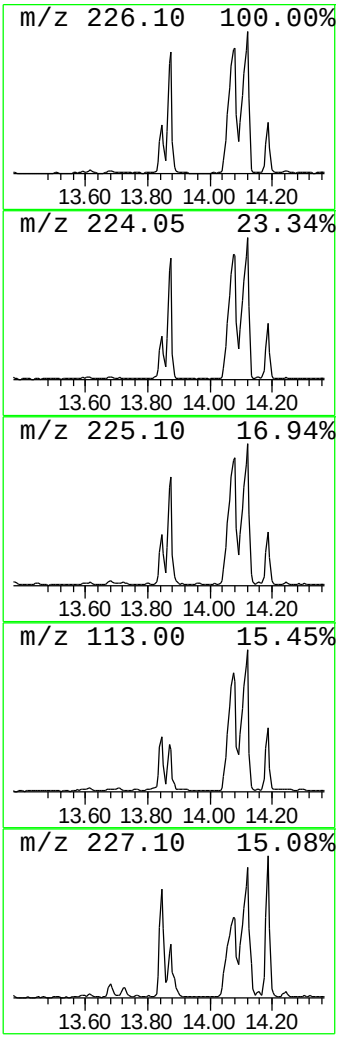
Peak Number 7 Cyclopenta[cd]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	4.78 ng	3989400	Chrysene-d12	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	64
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	52
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	52
4	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	47
5	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	47





Library Search Compound Report

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Sample : K6147-06
Misc :
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Instrument : BNA_F
ClientSampleId : P001-WC006

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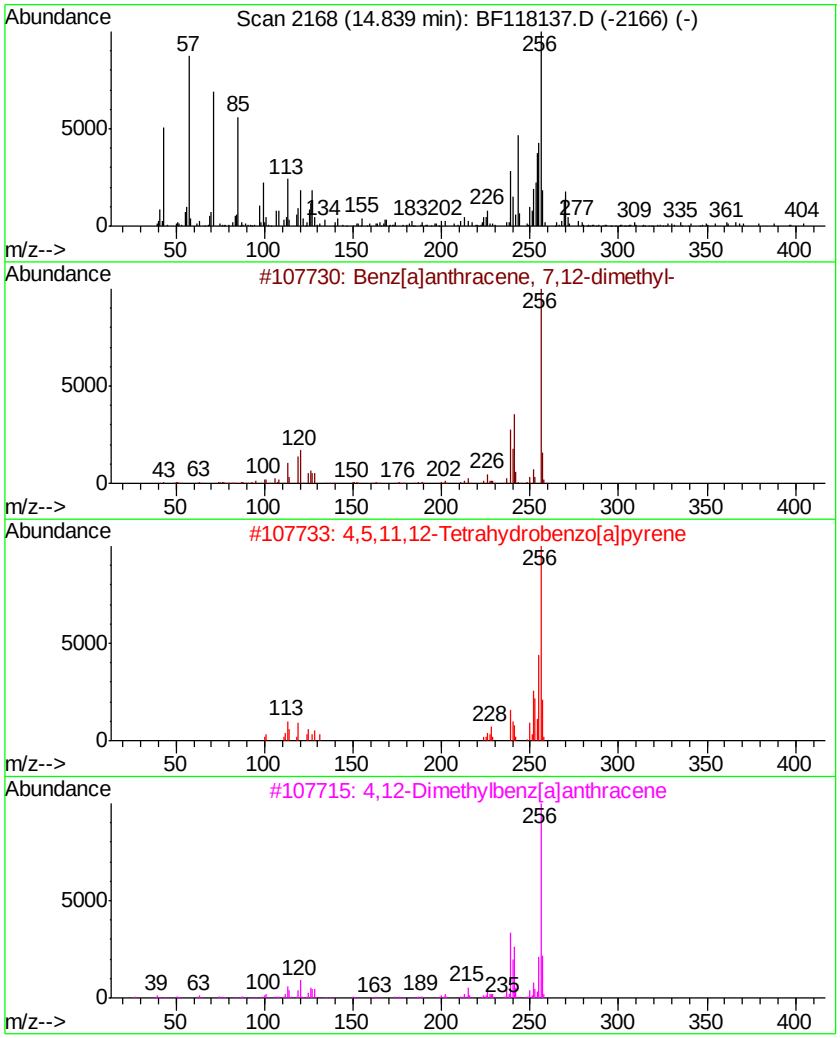
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

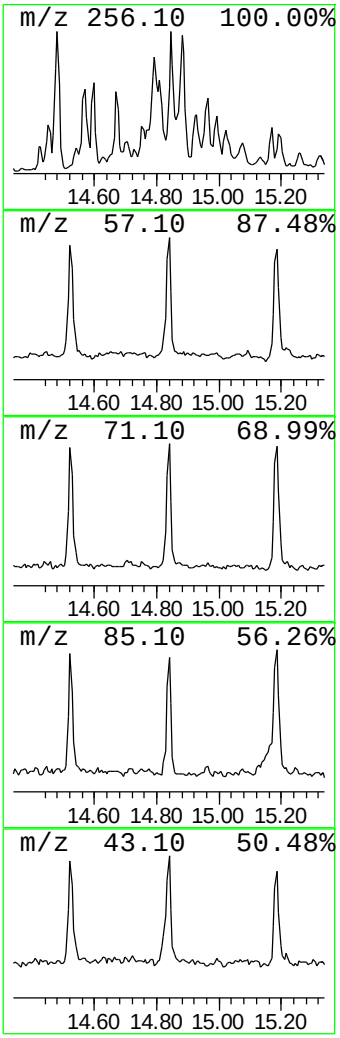
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benz[a]anthracene, 7,12-dim... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	8.78 ng	406683	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	55
2	4,5,11,12-Tetrahydrobenzo[a]pyrene	256	C20H16	109292-58-2	46
3	4,12-Dimethylbenz[a]anthracene	256	C20H16	035187-19-0	42
4	Benzene, 1,1',1''-(1-ethenyl-2-y...	256	C20H16	000058-72-0	38
5	Benz(a)anthracene, 6,8-dimethyl-	256	C20H16	000317-64-6	35





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ClientSampleId : P001-WC006

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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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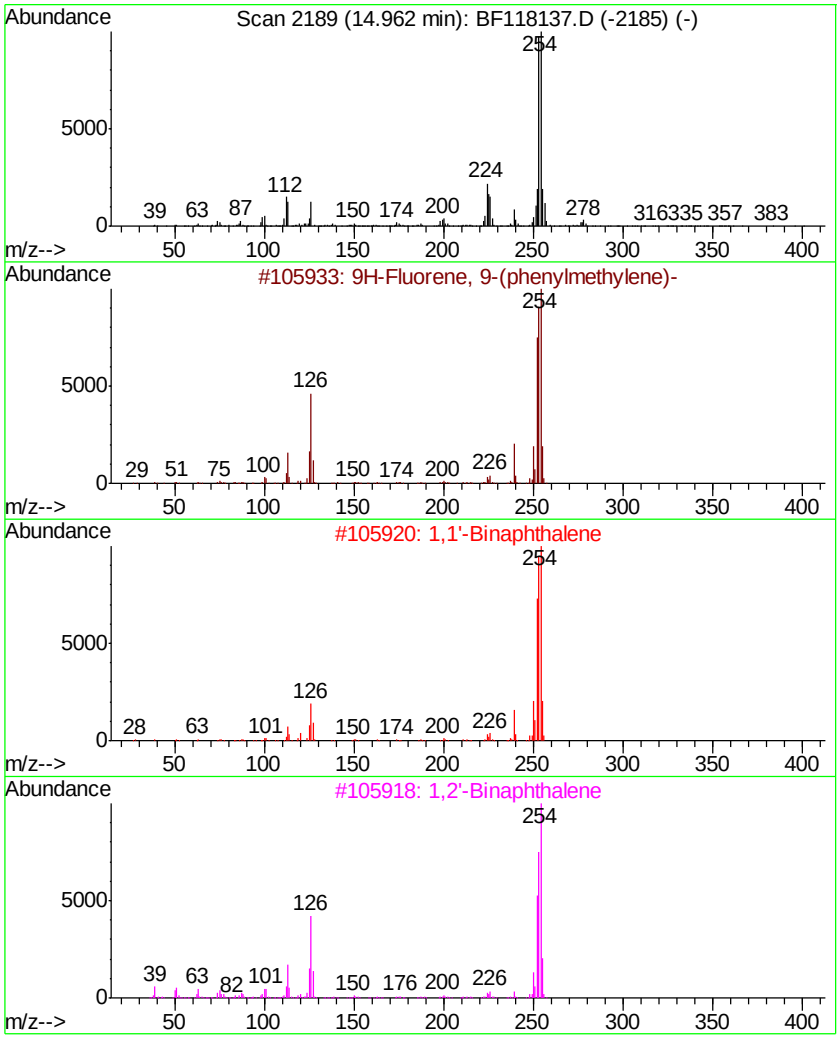
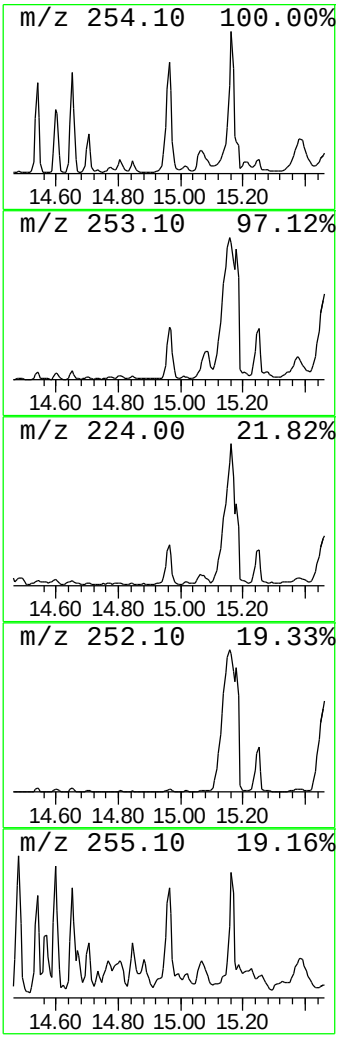
Peak Number 9 9H-Fluorene, 9-(phenylmethy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	25.08 ng	1161370	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	76
2	1,1'-Binaphthalene	254	C20H14	000604-53-5	68
3	1,2'-Binaphthalene	254	C20H14	004325-74-0	64
4	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	62
5	1H-Indene, 1,1'-(1,2-ethanediyli...	254	C20H14	072088-04-1	53





Library Search Compound Report

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Sample : K6147-06
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Instrument : BNA_F
ClientSampleId : P001-WC006

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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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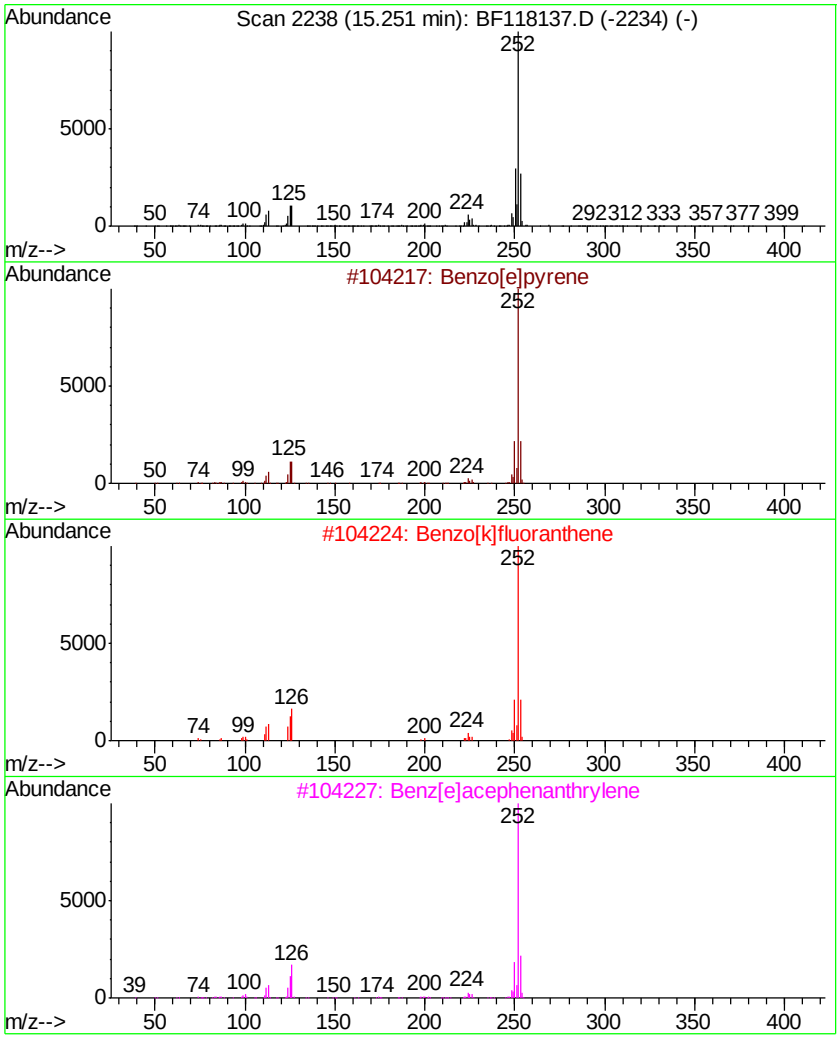
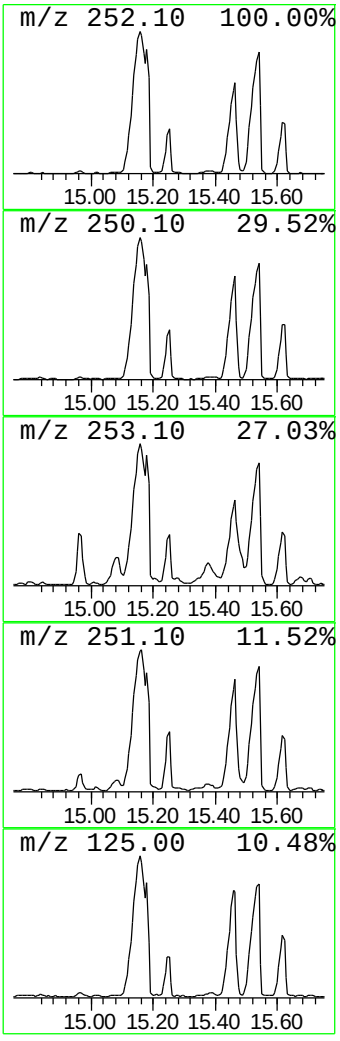
Peak Number 10 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	37.64 ng	1743150	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





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Operator : JU
Sample : K6147-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC006

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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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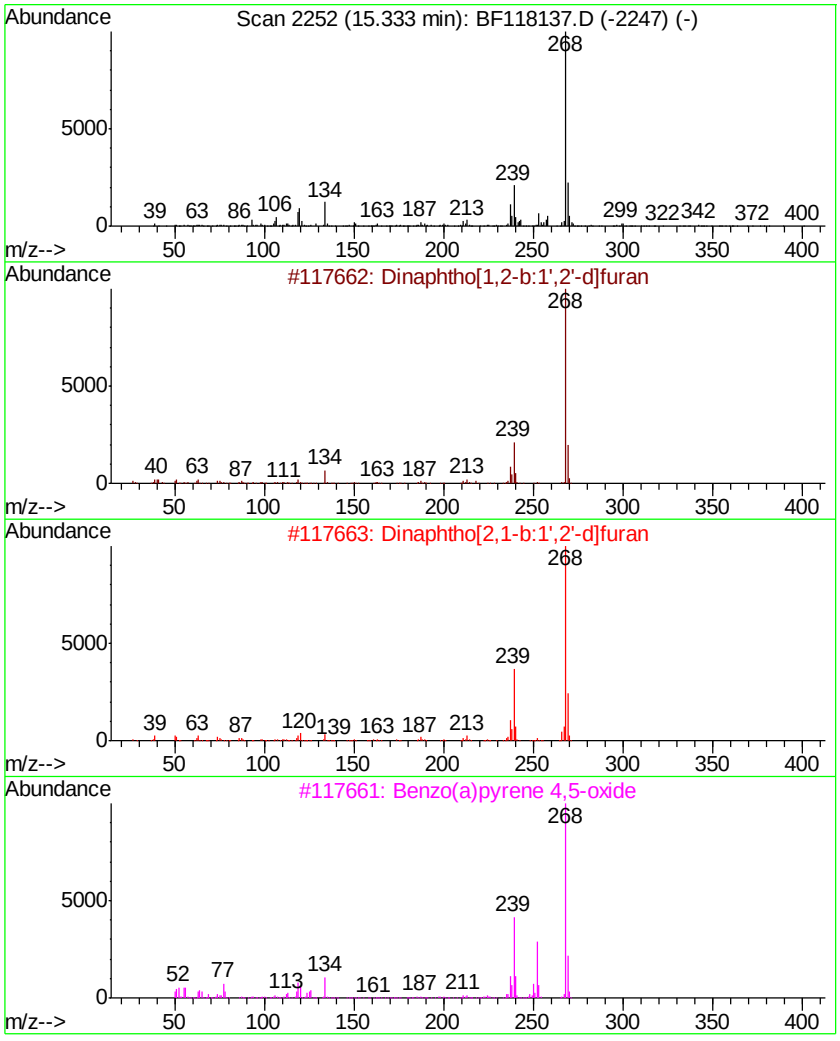
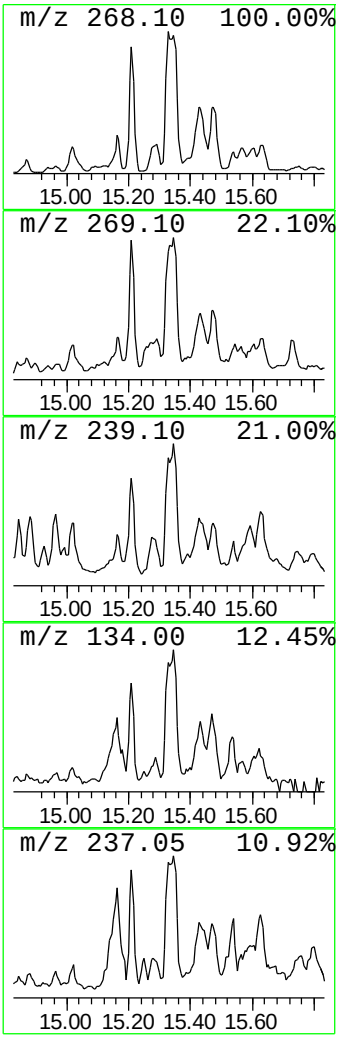
Peak Number 11 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	14.57 ng	674858	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	93
2	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	90
3	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	80
4	Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	59
5	4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	59





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Operator : JU
Sample : K6147-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC006

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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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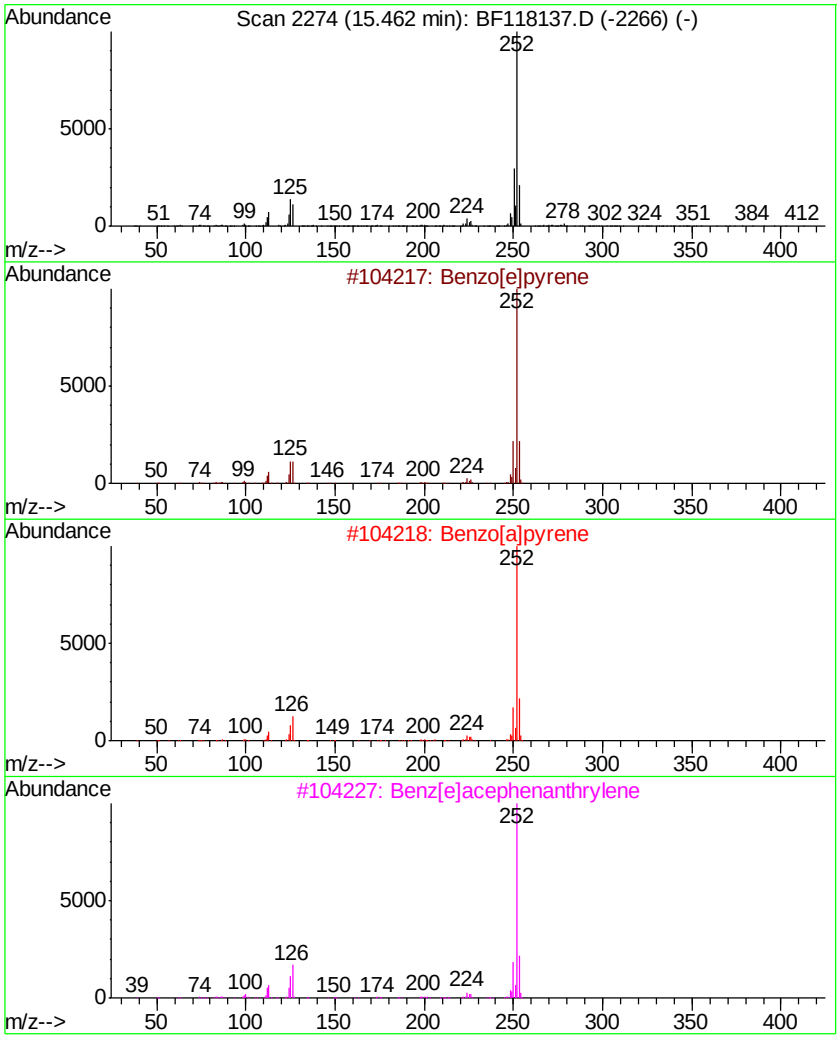
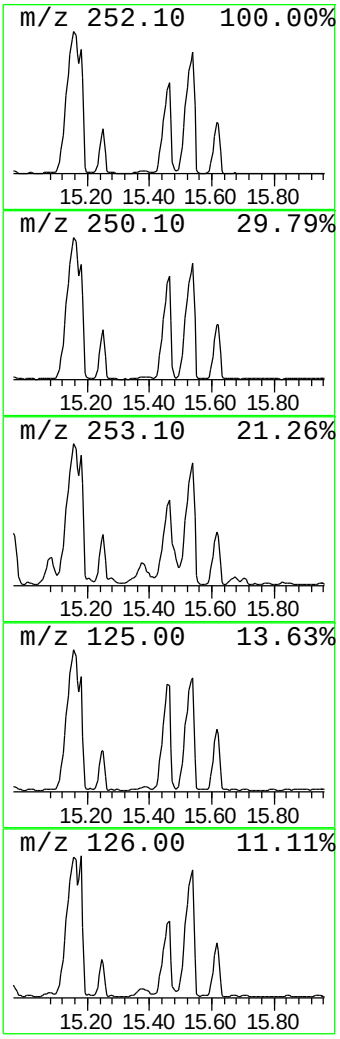
Peak Number 12 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	127.48 ng	5903390	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Perylene	252	C20H12	000198-55-0	90





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Operator : JU
Sample : K6147-06
Misc :
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Instrument : BNA_F
ClientSampleId : P001-WC006

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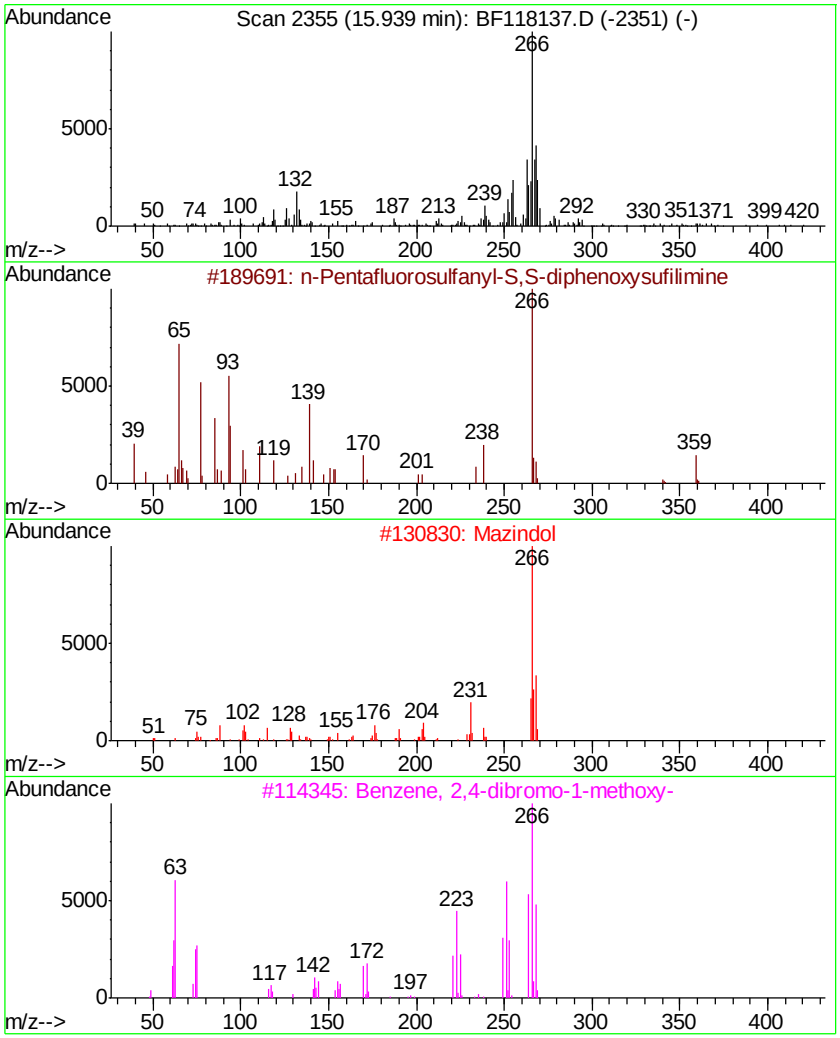
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

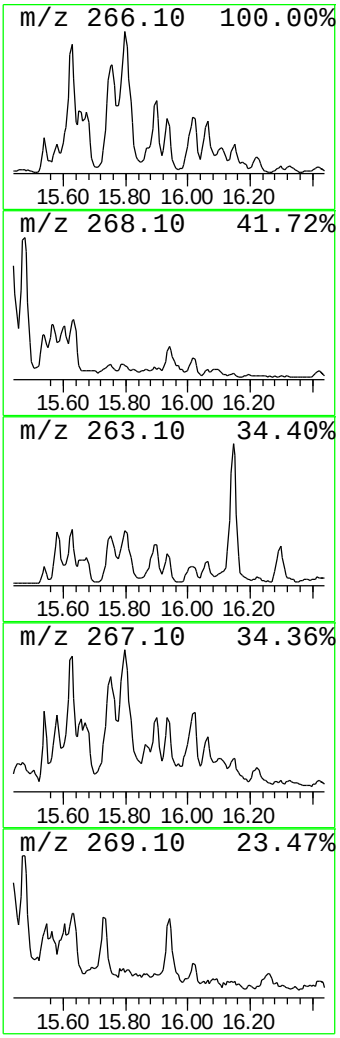
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 n-Pentafluorosulfanyl-S,S-d... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	9.80 ng	453640	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Pentafluorosulfanyl-S,S-diphen...	359	C12H10F5NO2S2	080039-31-2	56
2	Mazindol	284	C16H13ClN2O	022232-71-9	47
3	Benzene, 2,4-dibromo-1-methoxy-	264	C7H6Br2O	021702-84-1	43
4	10-Methylbenzo(a)pyrene	266	C21H14	063104-32-5	42
5	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	41





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

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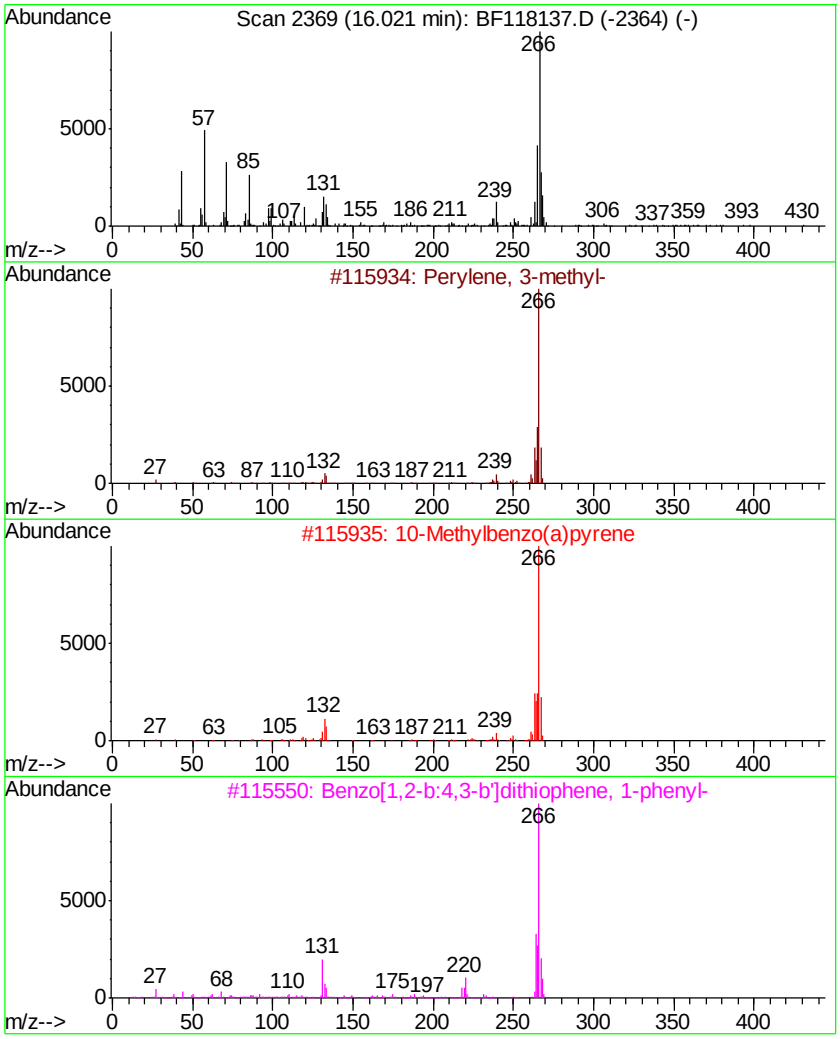
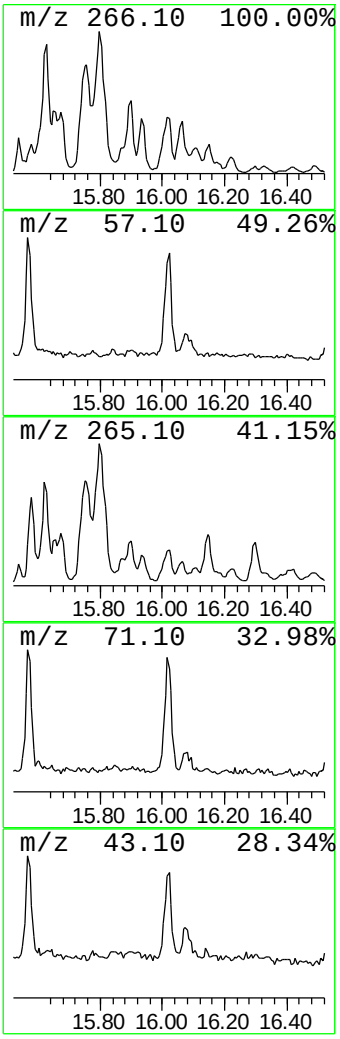
Peak Number 14 Perylene, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	8.35 ng	386837	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene, 3-methyl-	266	C21H14	024471-47-4	76
2	10-Methylbenzo(a)pyrene	266	C21H14	063104-32-5	62
3	Benzo[1,2-b:4,3-b']dithiophene, ...	266	C16H10S2	016587-58-9	53
4	Thiazole, 4-(4-methylphenyl)-2-p...	266	C16H14N2S	093020-56-5	52
5	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	47





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

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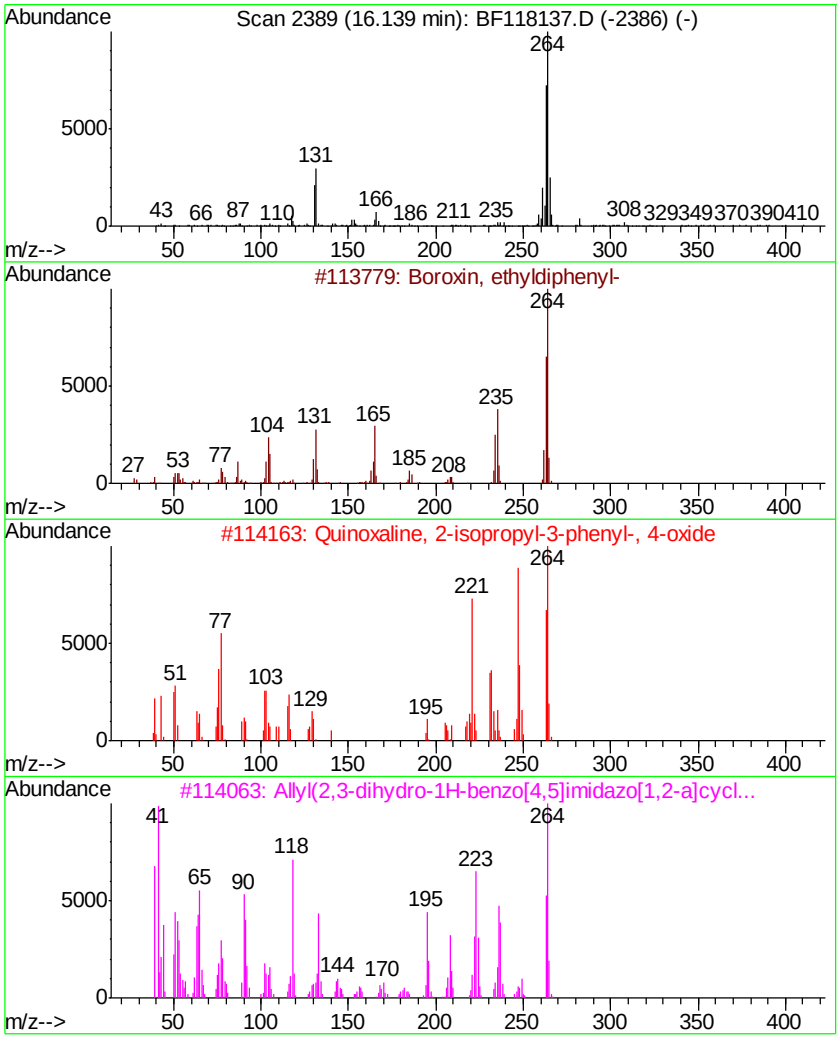
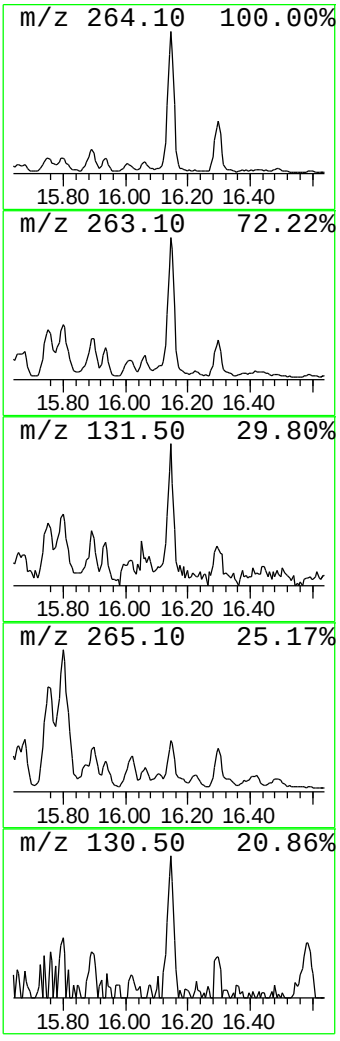
Peak Number 15 Boroxin, ethyldiphenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	12.71 ng	588673	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	59
2	Quinoxaline, 2-isopropyl-3-phenyl...	264	C17H16N2O	016007-79-7	40
3	Allyl(2,3-dihydro-1H-benzo[4,5]i...	264	C16H16N4	1000322-09-2	40
4	Iron, (.eta.-5-cyclopentadienyl)...	264	C16H16Fe	1000155-06-6	32
5	Amfonelic acid	308	C18H16N2O3	015180-02-6	27





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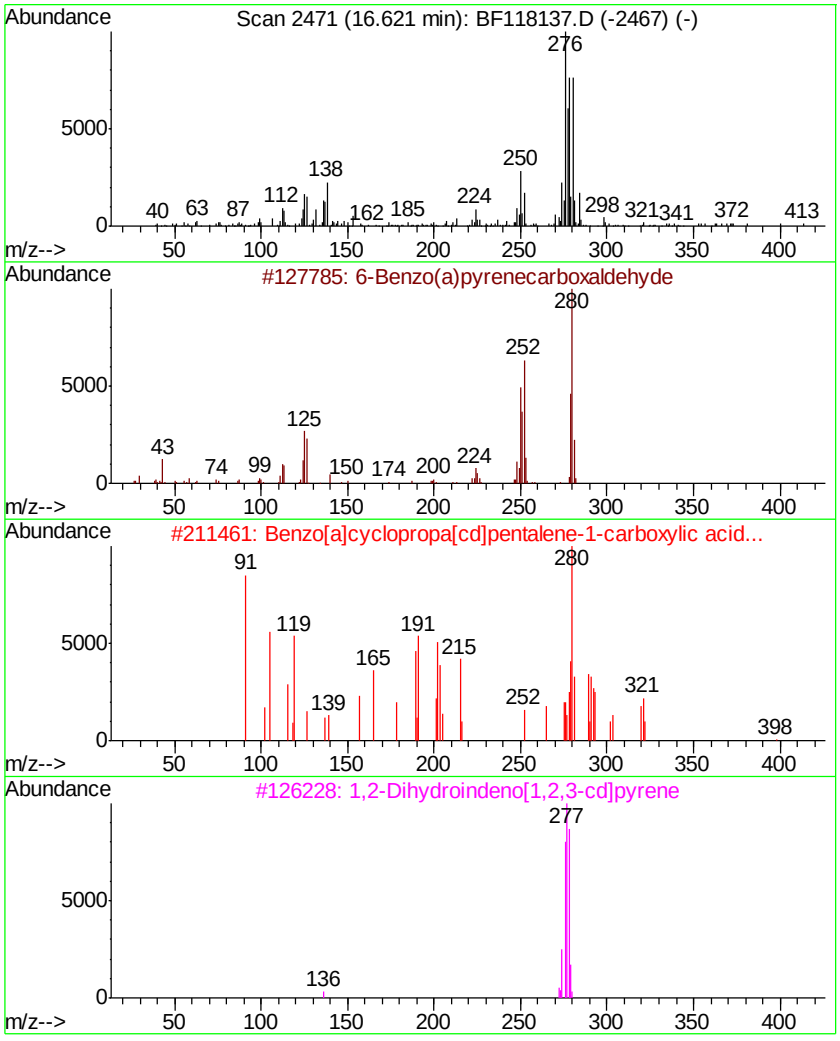
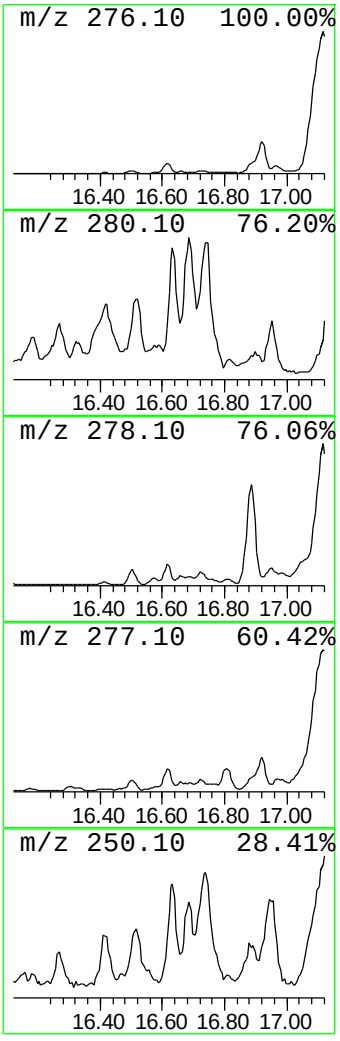
Peak Number 16 6-Benzo(a)pyrenecarboxaldehyde Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	8.17 ng	378127	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Benzo(a)pyrenecarboxaldehyde	280	C21H12O	013312-42-0	64
2	Benzo[a]cyclopropa[cd]pentalene-...	398	C26H22O4	040897-27-6	30
3	1,2-Dihydroindeno[1,2,3-cd]pyrene	278	C22H14	120362-68-7	25
4	Bis(4-methoxyphenyl)phosphinic acid	278	C14H15O4P	020434-05-3	25
5	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	18





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TIC Library : C:\DATABASE\NIST11.L
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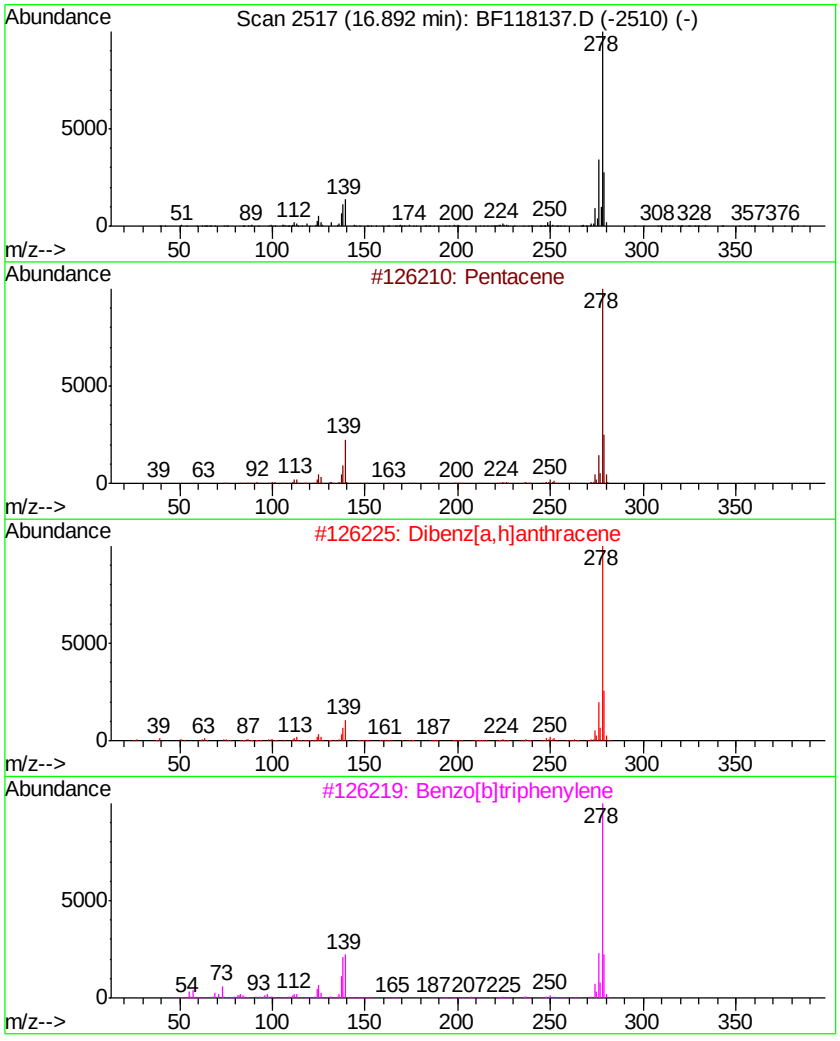
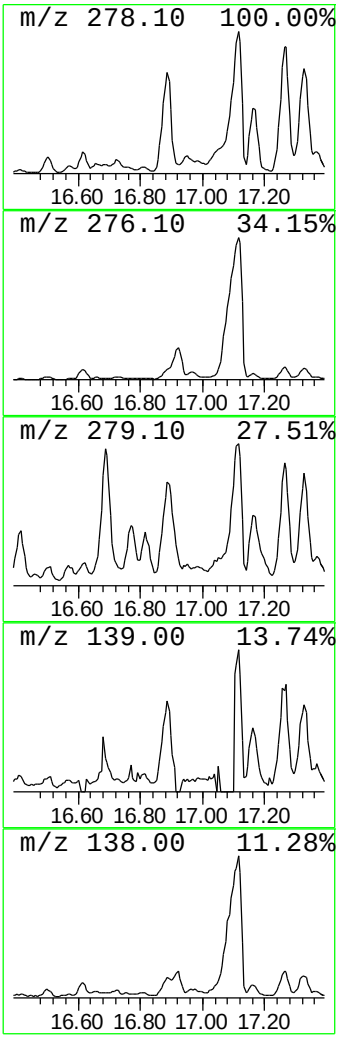
Peak Number 17 Pentacene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	14.50 ng	671689	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacene	278	C22H14	000135-48-8	96
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	96
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	93
4	Picene	278	C22H14	000213-46-7	90
5	Dibenz[a,j]anthracene	278	C22H14	000224-41-9	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118137.D
Acq On : 7 Dec 2019 18:58
Operator : JU
Sample : K6147-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC006

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

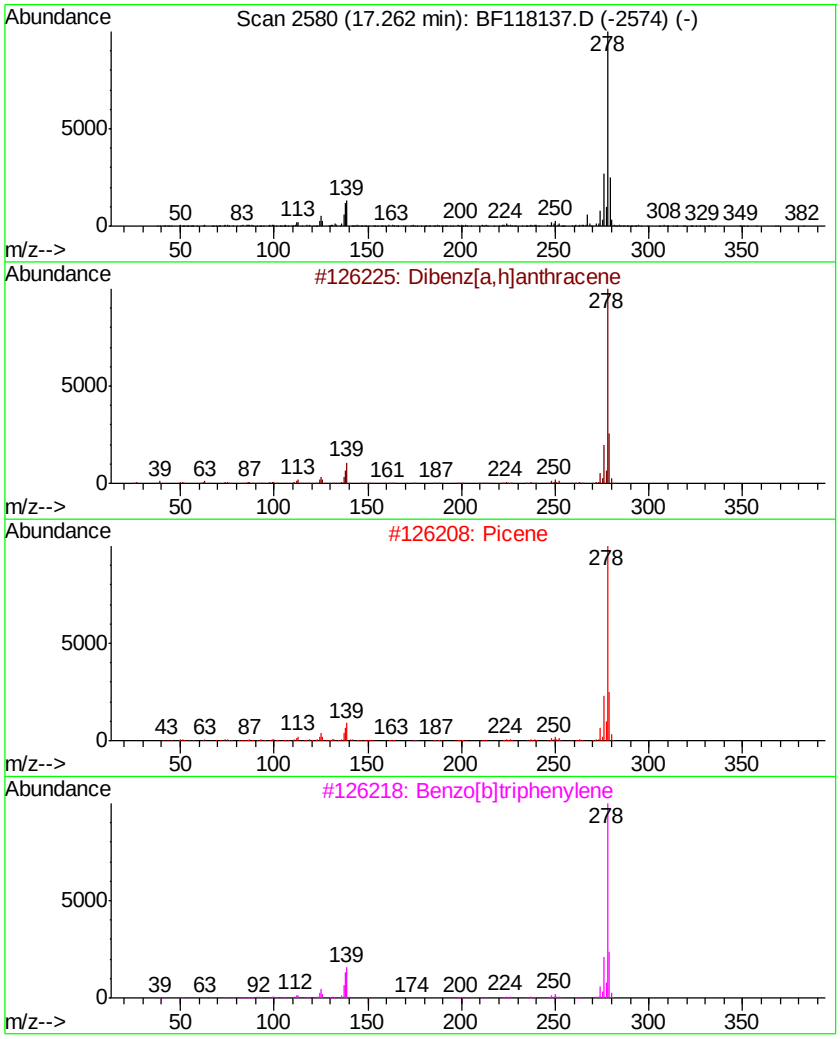
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

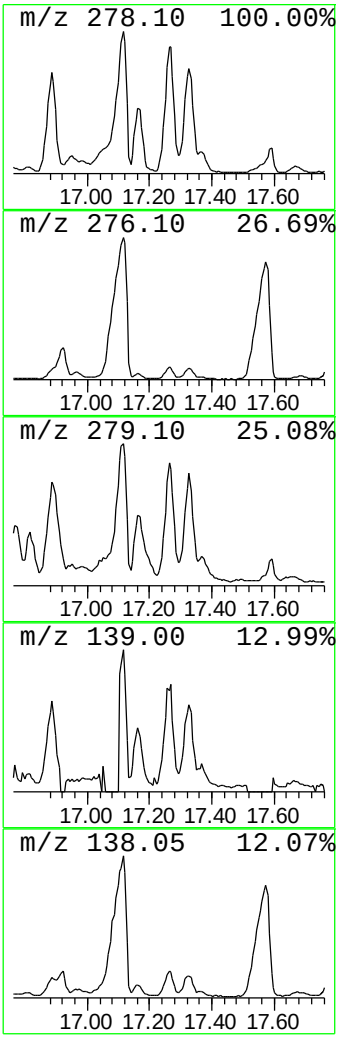
****

Peak Number 18 Picene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	23.28 ng	1078000	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	99
2	Picene	278	C22H14	000213-46-7	99
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	99
4	Benzo[b]chrysene	278	C22H14	000214-17-5	97
5	Pentaphene	278	C22H14	000222-93-5	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120719\
Data File : BF118137.D
Acq On : 7 Dec 2019 18:58
Operator : JU
Sample : K6147-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC006

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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
2-Pentanone, 4-hy...	5.07	13.3	ng	488550	1	6.86	736906	20.0
unknown6.64	6.64	80.3	ng	2958060	1	6.86	736906	20.0
2,4,6-Cycloheptat...	10.62	9.7	ng	566296	3	9.92	1166320	20.0
4H-Cyclopenta[def...	12.03	6.0	ng	4956500	4	11.41	16491300	20.0
11H-Benzo[b]fluorene	13.20	3.9	ng	3284590	5	14.09	16692200	20.0
Cyclopenta[cd]pyrene	13.87	4.8	ng	3989400	5	14.09	16692200	20.0
Benz[a]anthracene...	14.84	8.8	ng	406683	6	15.58	926187	20.0
9H-Fluorene, 9-(p...	14.96	25.1	ng	1161370	6	15.58	926187	20.0
Benzo[e]pyrene	15.25	37.6	ng	1743150	6	15.58	926187	20.0
Dinaphtho[1,2-b:1...	15.33	14.6	ng	674858	6	15.58	926187	20.0
Perylene	15.46	127.5	ng	5903390	6	15.58	926187	20.0
n-Pentafluorosulf...	15.94	9.8	ng	453640	6	15.58	926187	20.0
Perylene, 3-methyl-	16.02	8.3	ng	386837	6	15.58	926187	20.0
Boroxin, ethyldip...	16.14	12.7	ng	588673	6	15.58	926187	20.0
6-Benzo(a)pyrenec...	16.62	8.2	ng	378127	6	15.58	926187	20.0
Pentacene	16.89	14.5	ng	671689	6	15.58	926187	20.0
Picene	17.26	23.3	ng	1078000	6	15.58	926187	20.0