LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022920\
Data File : BF119160.D
Acq On : 29 Feb 2020 16:02
Operator : CG/JU
Sample : L1696-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-052-A

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-BF022020.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	5.357	553	556	576	rVB	2354586	2559246	72.61%	4.626%
2	6.381	726	730	746	rBV	2588976	2765375	78.45%	4.998%
3	6.734	786	790	799	rBV	1050540	893017	25.34%	1.614%
4	6.892	813	817	820	rBV	2449924	2364090	67.07%	4.273%
5	7.298	881	886	889	rBV	1828673	1720724	48.82%	3.110%
6	7.545	924	928	931	rBV	82781	87500	2.48%	0.158%
7	7.581	931	934	936	rVV	193018	176314	5.00%	0.319%
8	7.598	936	937	940	rVV	74714	59623	1.69%	0.108%
9	7.634	940	943	947	rVB	119315	100504	2.85%	0.182%
10	7.704	950	955	957	rVV	95719	86468	2.45%	0.156%
11	7.734	957	960	962	rVV	115393	121610	3.45%	0.220%
12	7.757	962	964	967	rVB2	82427	74541	2.11%	0.135%
13	7.816	969	974	977	rBV	71418	79050	2.24%	0.143%
14	7.863	977	982	988	rVV2	162701	224053	6.36%	0.405%
15	7.916	988	991	995	rVV	71627	78262	2.22%	0.141%
16	7.957	995	998	1000	rVV	67288	60494	1.72%	0.109%
17	8.016	1004	1008	1009	rVV	1279071	1142981	32.43%	2.066%
18	8.039	1009	1012	1015	rVV2	2207410	2257864	64.06%	4.081%
19	8.069	1015	1017	1026	rVB2	255278	224885	6.38%	0.406%
20	8.375	1066	1069	1078	rBV	60785	67672	1.92%	0.122%
21	8.728	1125	1129	1132	rBV	513675	442255	12.55%	0.799%
22	8.822	1142	1145	1153	rVB	315183	288603	8.19%	0.522%
23	9.086	1184	1190	1194	rBV	3560185	3524828	100.00%	6.371%
24	9.186	1199	1207	1214	rVB	274729	265634	7.54%	0.480%
25	9.286	1220	1224	1229	rVB	89138	93666	2.66%	0.169%
26	9.357	1231	1236	1240	rBV	106153	148558	4.21%	0.269%
27	9.428	1244	1248	1250	rBV	160764	161937	4.59%	0.293%
28	9.451	1250	1252	1255	rVV	98368	89160	2.53%	0.161%
29	9.480	1255	1257	1262	rVV	445532	399057	11.32%	0.721%
30	9.545	1264	1268	1273	rVV	64763	72918	2.07%	0.132%
31	9.763	1299	1305	1308	rBV	1497416	1516197	43.01%	2.741%
32	9.798	1308	1311	1315	rVV	2091569	1686826	47.86%	3.049%
33	9.922	1328	1332	1336	rBV	86002	76791	2.18%	0.139%
34	9.969	1336	1340	1344	rVV	1154799	946212	26.84%	1.710%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022920\
Data File : BF119160.D
Acq On : 29 Feb 2020 16:02
Operator : CG/JU
Sample : L1696-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-052-A

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-BF022020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.310	1394	1398	1404	rBV	1470289	1314868	37.30%	2.377%
36	10.398	1411	1413	1415	rVV	150120	125005	3.55%	0.226%
37	10.445	1419	1421	1423	rVV	90918	78961	2.24%	0.143%
38	10.469	1423	1425	1429	rVB	184705	148845	4.22%	0.269%
39	10.557	1435	1440	1446	rBV	2550718	2458623	69.75%	4.444%
40	10.675	1457	1460	1467	rVB3	50807	73132	2.07%	0.132%
41	10.863	1485	1492	1494	rBV3	94466	125364	3.56%	0.227%
42	11.057	1523	1525	1529	rVB	114123	107572	3.05%	0.194%
43	11.104	1529	1533	1537	rVV4	48526	80753	2.29%	0.146%
44	11.145	1537	1540	1546	rVB	279325	247958	7.03%	0.448%
45	11.251	1554	1558	1560	rBV	1402592	1509925	42.84%	2.729%
46	11.275	1560	1562	1566	rVV	3672717	3302142	93.68%	5.969%
47	11.327	1566	1571	1574	rVV	996451	957943	27.18%	1.732%
48	11.363	1574	1577	1583	rVB	71399	81962	2.33%	0.148%
49	11.480	1591	1597	1604	rBV	425987	442947	12.57%	0.801%
50	11.539	1604	1607	1612	rVV3	66159	80280	2.28%	0.145%
51	11.751	1639	1643	1645	rBV	191169	181342	5.14%	0.328%
52	11.780	1645	1648	1653	rVV	453934	464628	13.18%	0.840%
53	11.827	1653	1656	1658	rVV	109195	108821	3.09%	0.197%
54	11.863	1658	1662	1664	rVV	444966	443341	12.58%	0.801%
55	11.880	1664	1665	1671	rVB	108213	96318	2.73%	0.174%
56	12.039	1688	1692	1696	rVB	142799	149114	4.23%	0.270%
57	12.074	1696	1698	1703	rVB	88679	89028	2.53%	0.161%
58	12.298	1733	1736	1739	rBV	55673	62457	1.77%	0.113%
59	12.392	1748	1752	1760	rVB3	43655	56549	1.60%	0.102%
60	12.463	1760	1764	1767	rBV	2611271	2264935	64.26%	4.094%
61	12.563	1777	1781	1785	rBV2	102296	126657	3.59%	0.229%
62	12.610	1786	1789	1792	rVV	79360	83952	2.38%	0.152%
63	12.686	1796	1802	1806	rVV	1673409	2030685	57.61%	3.671%
64	12.739	1808	1811	1816	rVB2	73151	86526	2.45%	0.156%
65	12.827	1820	1826	1829	rBV	3156763	3068021	87.04%	5.546%
66	12.851	1829	1830	1834	rVB	90544	62654	1.78%	0.113%
67	12.910	1835	1840	1843	rBV3	82663	143915	4.08%	0.260%
68	12.992	1851	1854	1855	rBV2	82815	82327	2.34%	0.149%
69	13.016	1855	1858	1861	rVB	252479	249619	7.08%	0.451%
70	13.080	1866	1869	1872	rVB2	231886	195504	5.55%	0.353%
71	13.121	1872	1876	1878	rBV2	131425	148127	4.20%	0.268%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022920\
Data File : BF119160.D
Acq On : 29 Feb 2020 16:02
Operator : CG/JU
Sample : L1696-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-052-A

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-BF022020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.216	1889	1892	1894	rBV	61106	58594	1.66%	0.106%
73	13.245	1894	1897	1906	rVV2	75736	91838	2.61%	0.166%
74	13.321	1906	1910	1914	rVV6	39405	61213	1.74%	0.111%
75	13.533	1943	1946	1949	rVB	74981	72973	2.07%	0.132%
76	13.633	1960	1963	1965	rBV	146181	141432	4.01%	0.256%
77	13.657	1965	1967	1970	rVV	118569	105824	3.00%	0.191%
78	13.686	1970	1972	1974	rVV	98812	95107	2.70%	0.172%
79	13.727	1976	1979	1987	rVB4	221206	341628	9.69%	0.617%
80	13.886	1998	2006	2008	rBV2	1324366	2032837	57.67%	3.674%
81	13.910	2008	2010	2014	rVB	724765	650731	18.46%	1.176%
82	13.992	2021	2024	2027	rVB	166000	139740	3.96%	0.253%
83	14.045	2029	2033	2037	rBV3	68979	99195	2.81%	0.179%
84	14.115	2041	2045	2048	rVB2	61242	88313	2.51%	0.160%
85	14.274	2069	2072	2074	rVV	119743	116358	3.30%	0.210%
86	14.351	2082	2085	2087	rVV3	103482	123430	3.50%	0.223%
87	14.398	2090	2093	2094	rVV2	94160	88755	2.52%	0.160%
88	14.415	2094	2096	2099	rVB	92579	88330	2.51%	0.160%
89	14.586	2123	2125	2128	rBV2	62833	69192	1.96%	0.125%
90	14.715	2144	2147	2150	rVB	117555	114422	3.25%	0.207%
91	14.757	2152	2154	2157	rBV	62351	62696	1.78%	0.113%
92	14.904	2175	2179	2182	rBV	728420	995393	28.24%	1.799%
93	14.962	2186	2189	2194	rVV3	112039	137734	3.91%	0.249%
94	15.010	2194	2197	2201	rVB	102502	106524	3.02%	0.193%
95	15.192	2224	2228	2234	rVB	428253	513973	14.58%	0.929%
96	15.251	2234	2238	2243	rBV	576315	682845	19.37%	1.234%
97	15.310	2244	2248	2252	rBV	898492	1133647	32.16%	2.049%
98	15.721	2315	2318	2324	rVB3	102925	153065	4.34%	0.277%
99	16.709	2480	2486	2494	rBV	224294	462493	13.12%	0.836%
100	17.127	2553	2557	2567	rVB	161130	308407	8.75%	0.557%

Sum of corrected areas: 55324404

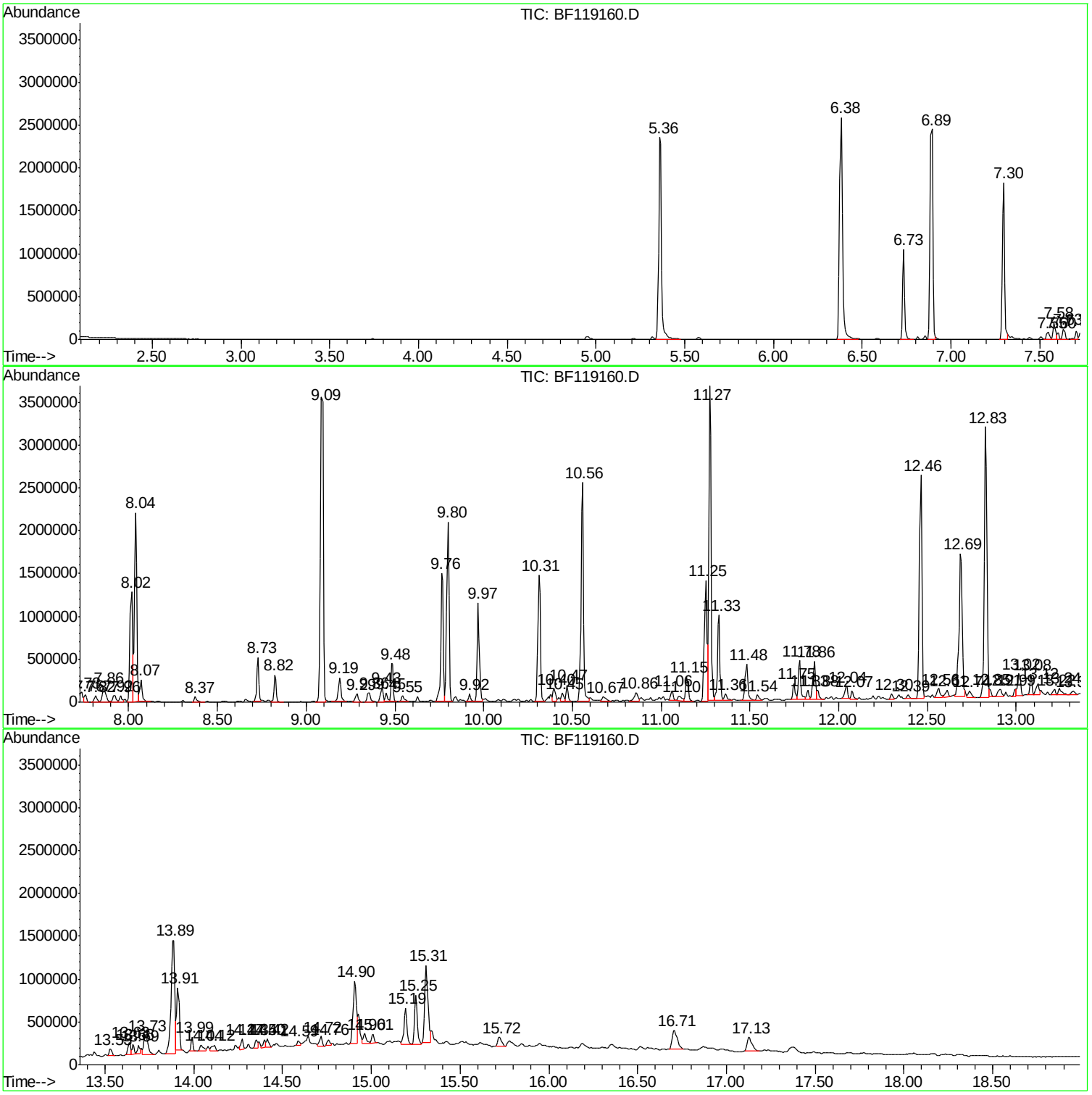
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022920\
Data File : BF119160.D
Acq On : 29 Feb 2020 16:02
Operator : CG/JU
Sample : L1696-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-052-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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\BF022920\
Data File : BF119160.D
Acq On : 29 Feb 2020 16:02
Operator : CG/JU
Sample : L1696-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-052-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

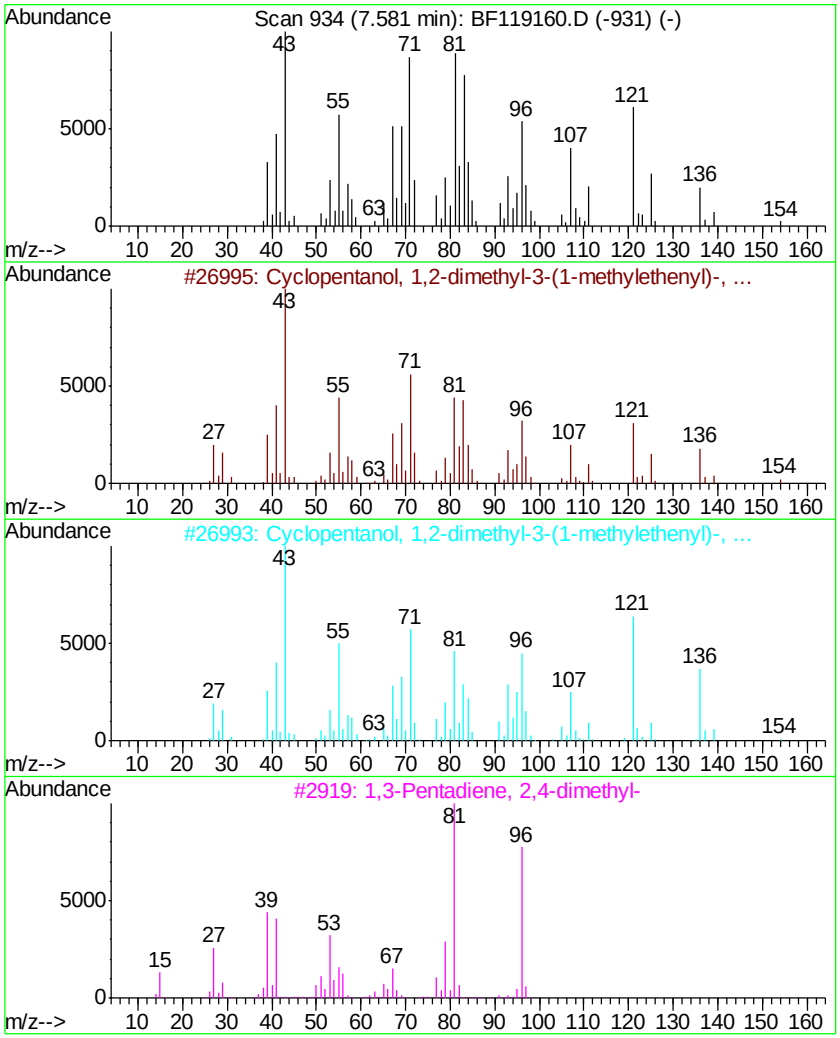
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

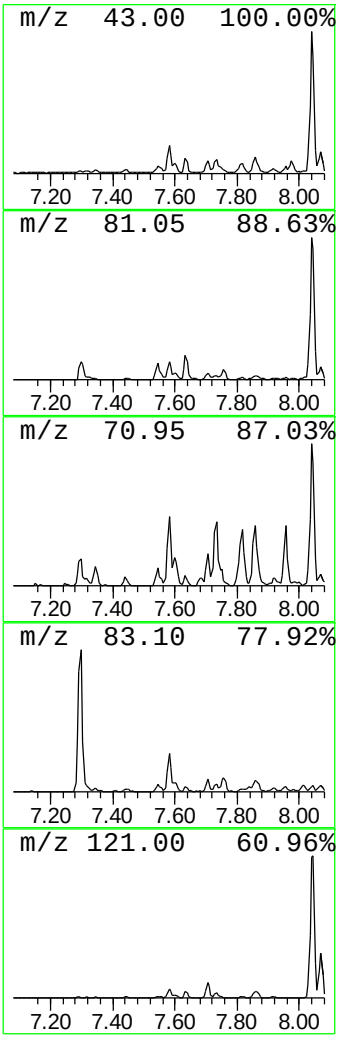
****

Peak Number 2 Cyclopentanol, 1,2-dimethyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	3.09 ng	176314	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanol, 1,2-dimethyl-3-(1...	154	C10H18O	004028-60-8	95
2	Cyclopentanol, 1,2-dimethyl-3-(1...	154	C10H18O	004099-07-4	38
3	1,3-Pentadiene, 2,4-dimethyl-	96	C7H12	001000-86-8	35
4	3-Cyclohexen-1-ol, 1-methyl-4-(1...	154	C10H18O	000586-82-3	27
5	Butanoic acid, 2-methylcyclohexy...	184	C11H20O2	015287-80-6	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022920\
Data File : BF119160.D
Acq On : 29 Feb 2020 16:02
Operator : CG/JU
Sample : L1696-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-052-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

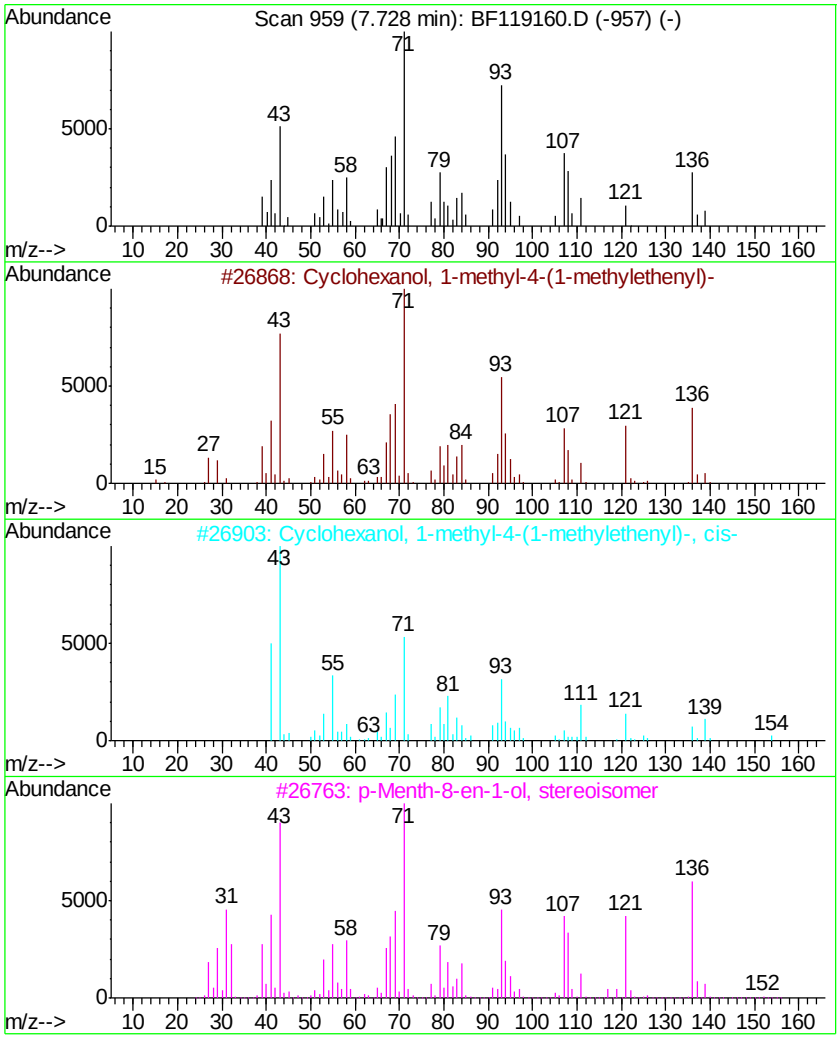
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

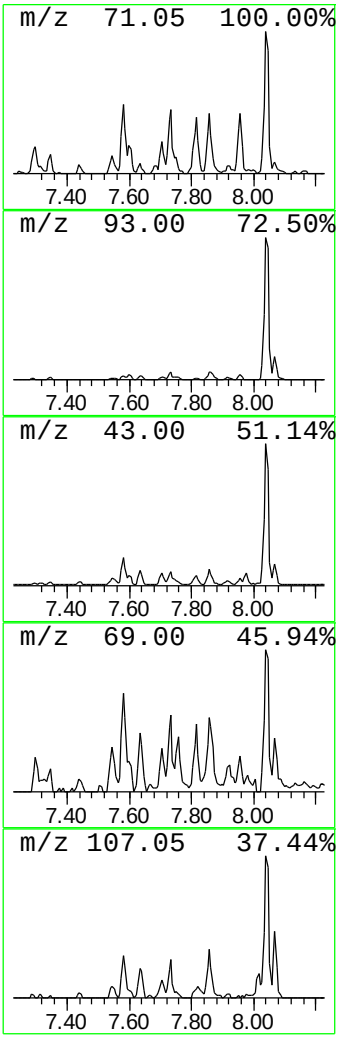
****

Peak Number 3 Cyclohexanol, 1-methyl-4-(1... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	2.13 ng	121610	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1-methyl-4-(1-meth...	154	C10H18O	000138-87-4	90
2	Cyclohexanol, 1-methyl-4-(1-meth...	154	C10H18O	007299-41-4	42
3	p-Menth-8-en-1-ol, stereoisomer	154	C10H18O	007299-40-3	38
4	Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	001461-27-4	35
5	Cycloheptene, 5-ethylidene-1-met...	136	C10H16	015402-94-5	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022920\
Data File : BF119160.D
Acq On : 29 Feb 2020 16:02
Operator : CG/JU
Sample : L1696-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-052-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

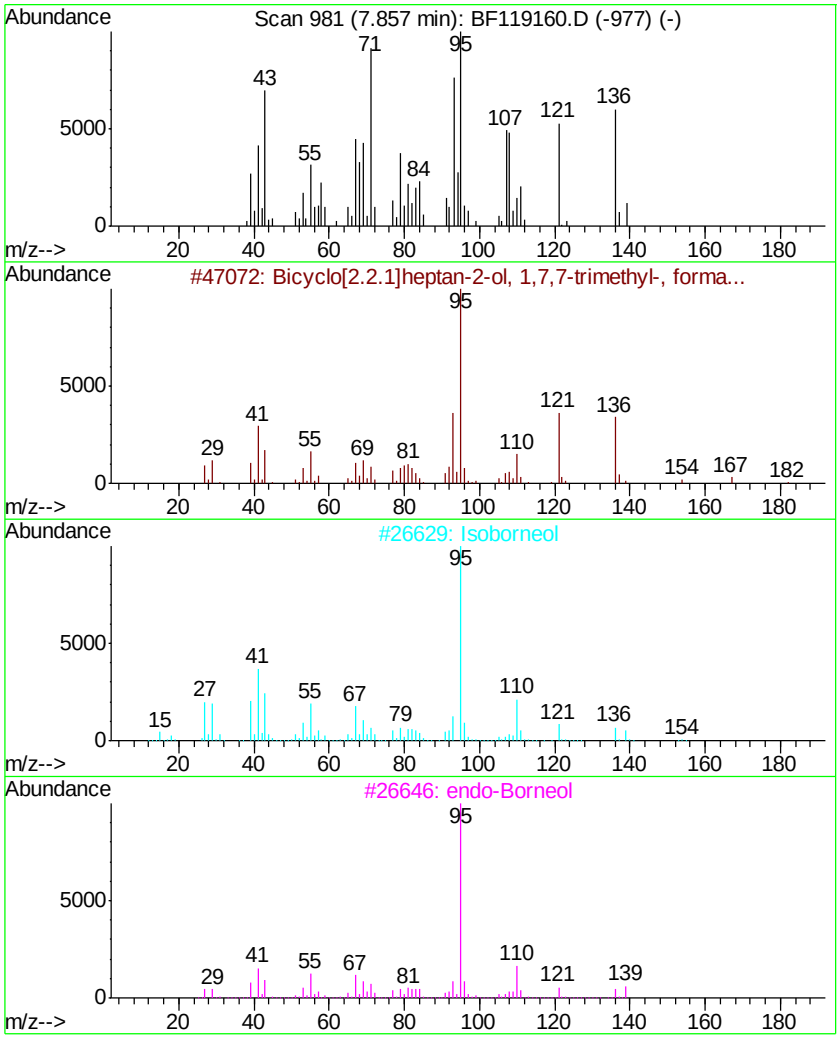
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

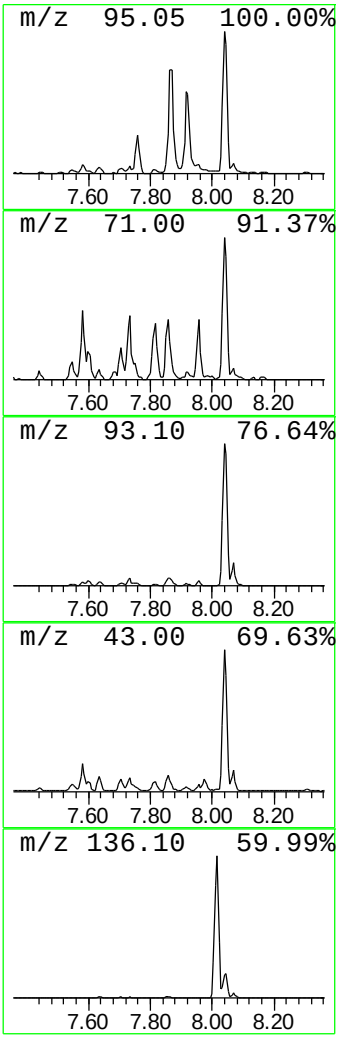
****

Peak Number 4 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	3.92 ng	224053	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	182	C11H18O2	007492-41-3	64
2	Isoborneol	154	C10H18O	000124-76-5	53
3	endo-Borneol	154	C10H18O	000507-70-0	50
4	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	49
5	4-(1,2-Dimethyl-cyclopent-2-enyl...	166	C11H18O	075698-06-5	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022920\
Data File : BF119160.D
Acq On : 29 Feb 2020 16:02
Operator : CG/JU
Sample : L1696-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-052-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

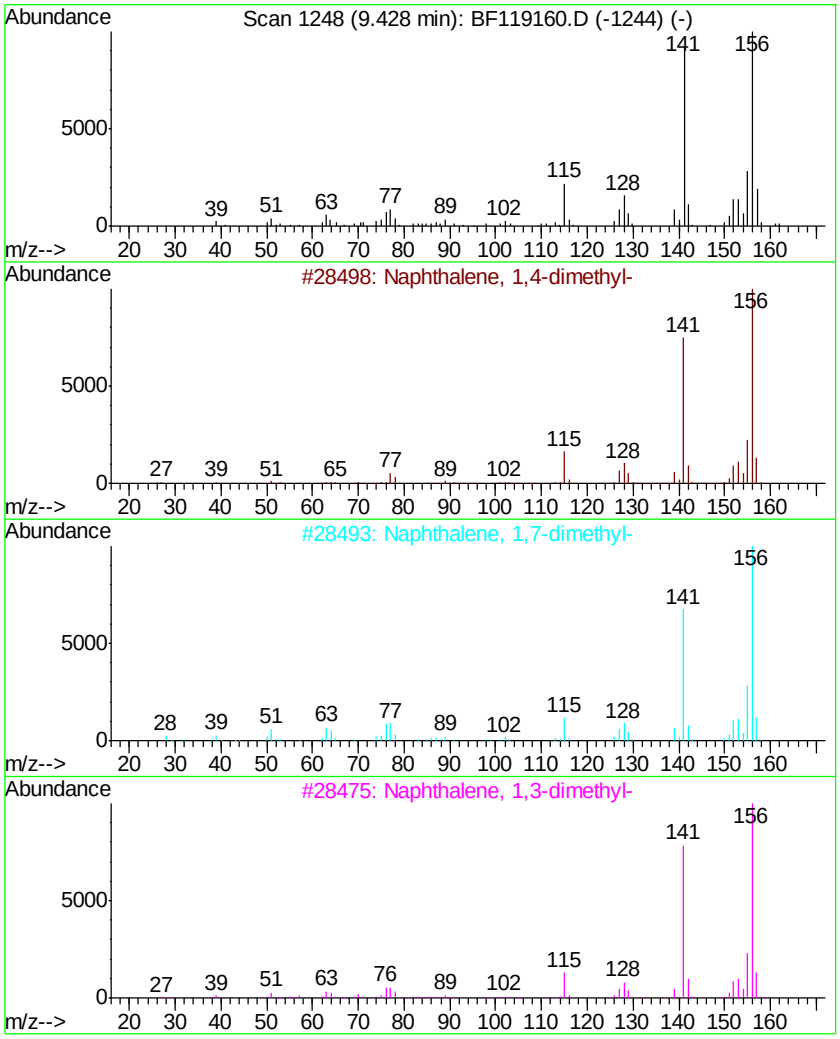
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

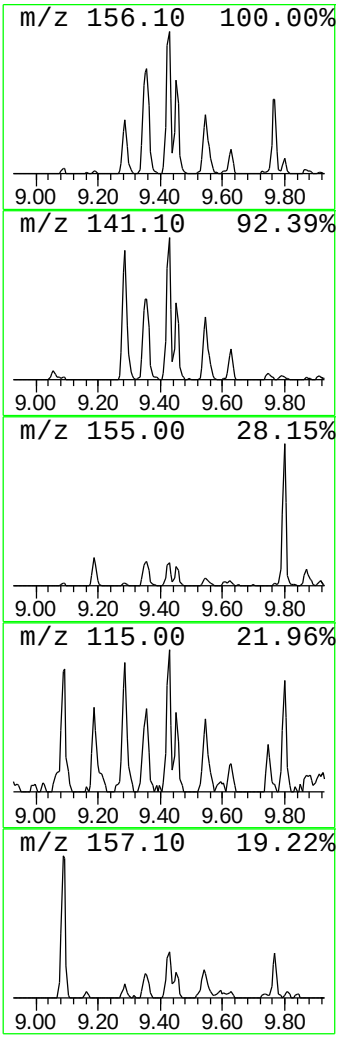
****

Peak Number 5 Naphthalene, 1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	2.14 ng	161937	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022920\
Data File : BF119160.D
Acq On : 29 Feb 2020 16:02
Operator : CG/JU
Sample : L1696-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-052-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

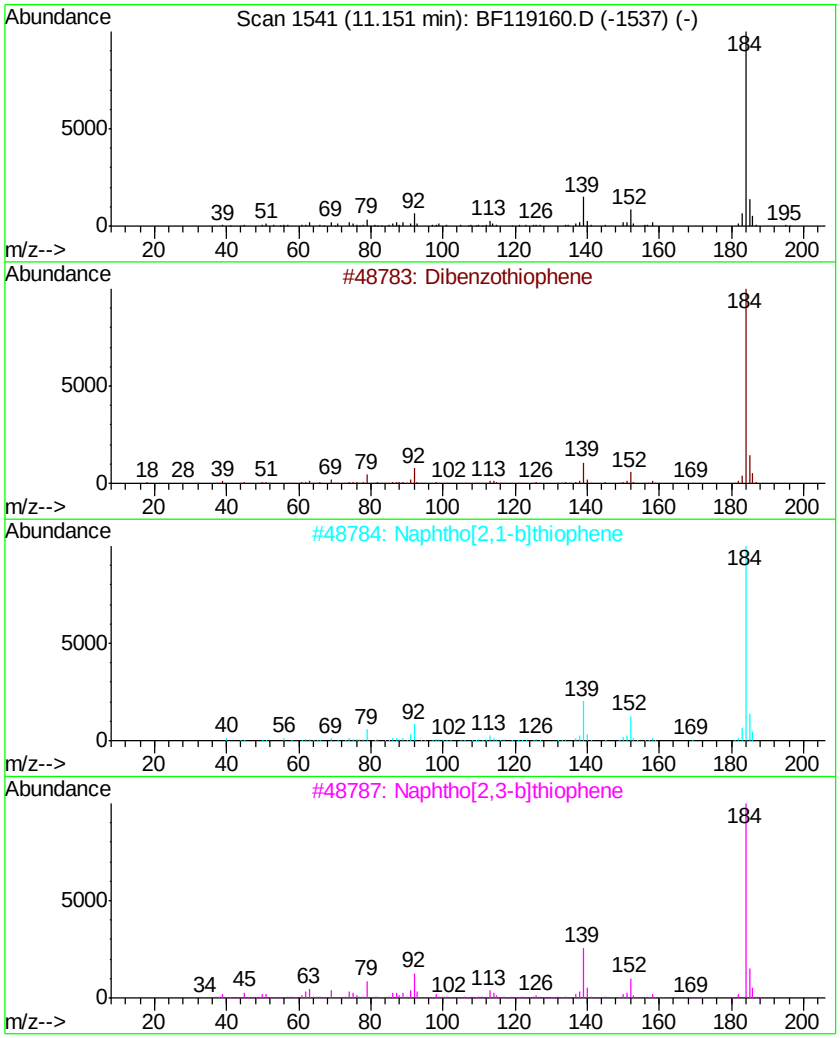
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

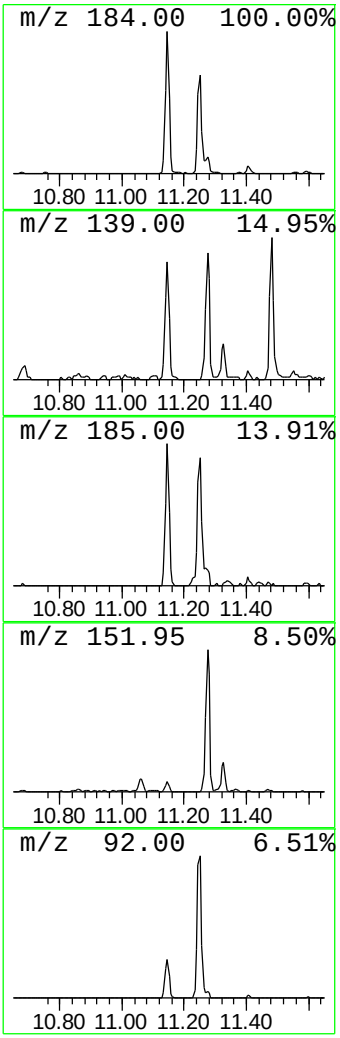
****

Peak Number 6 Dibenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	3.28 ng	247958	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022920\
Data File : BF119160.D
Acq On : 29 Feb 2020 16:02
Operator : CG/JU
Sample : L1696-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-052-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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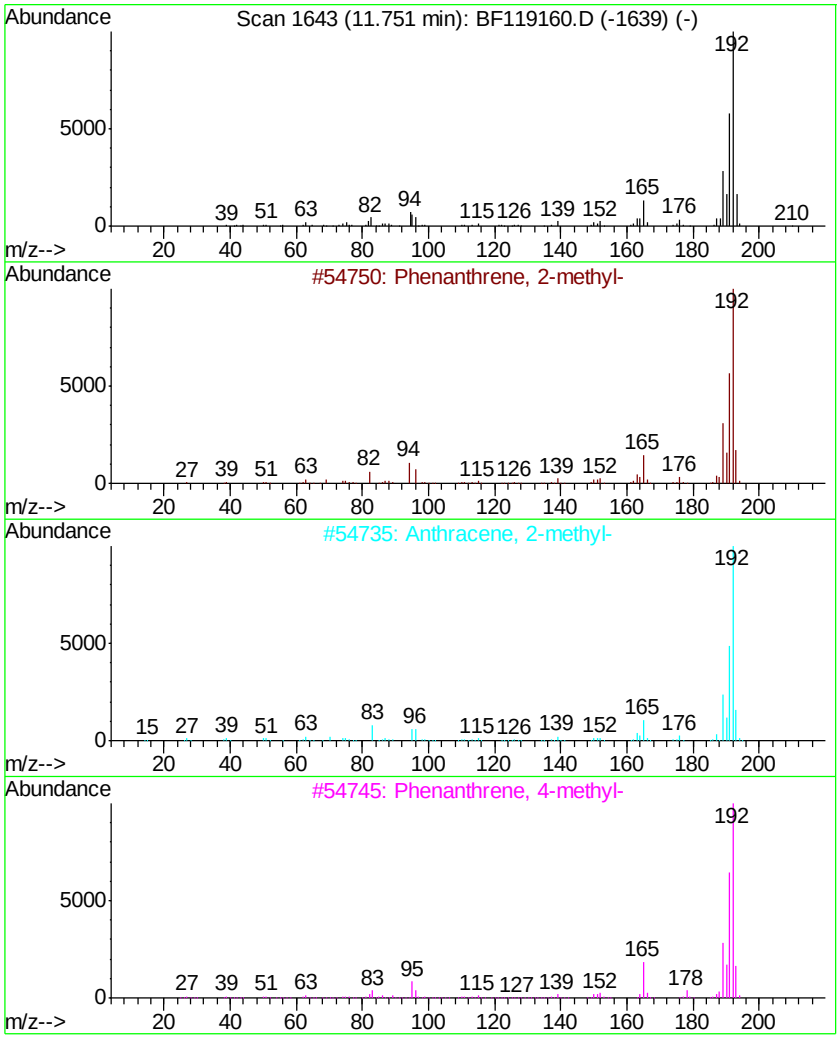
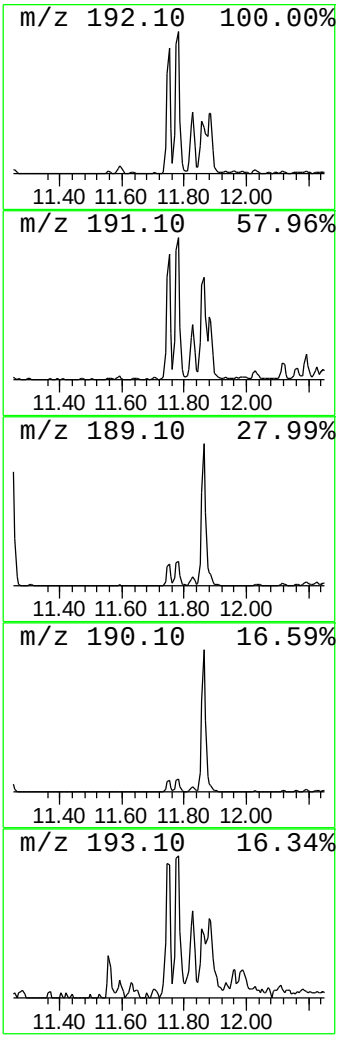
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.40 ng	181342	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





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Sample : L1696-01
Misc :
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Instrument : BNA_F
ClientSampleId : FK-GF-02-052-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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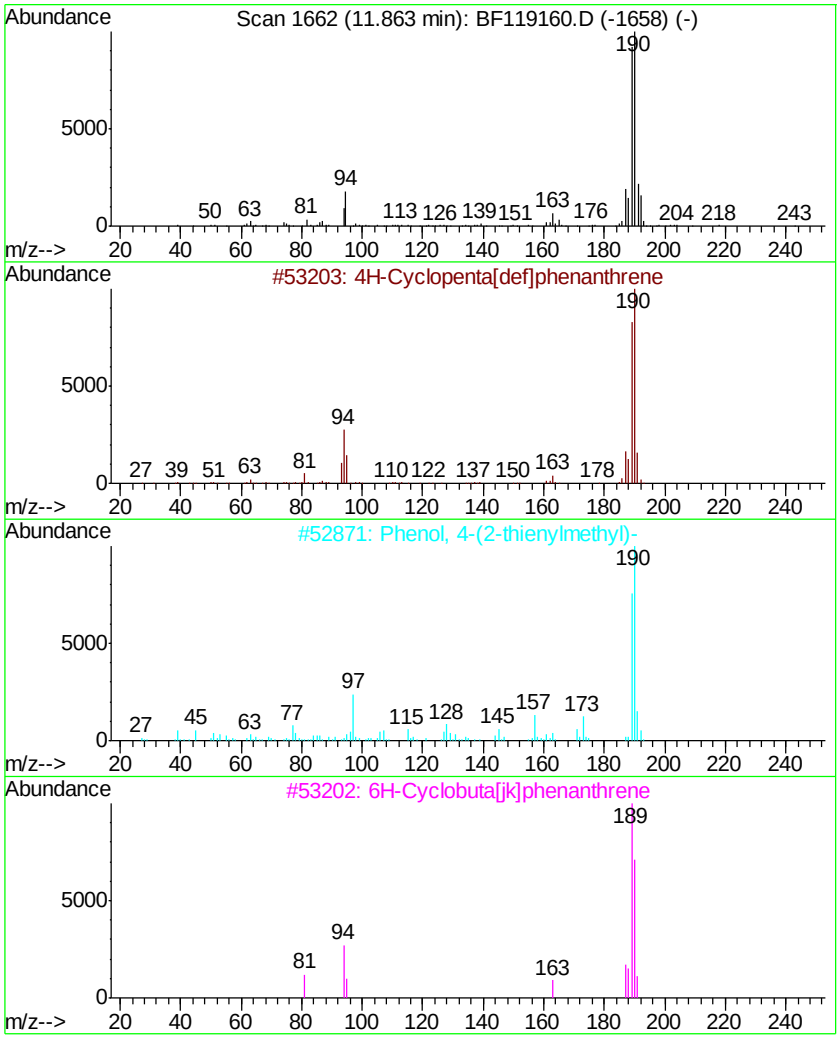
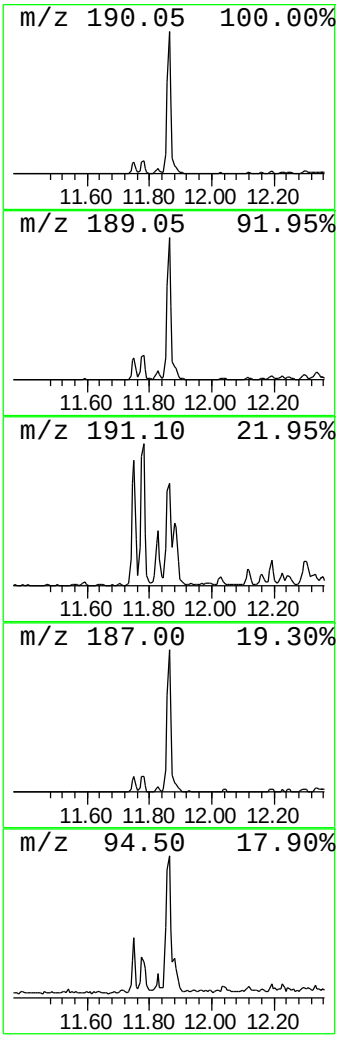
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	5.87 ng	443341	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	97
2	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56
4	Methyl diselenide	190	C2H6Se2	007101-31-7	55
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





Library Search Compound Report

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Acq On : 29 Feb 2020 16:02
Operator : CG/JU
Sample : L1696-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-052-A

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

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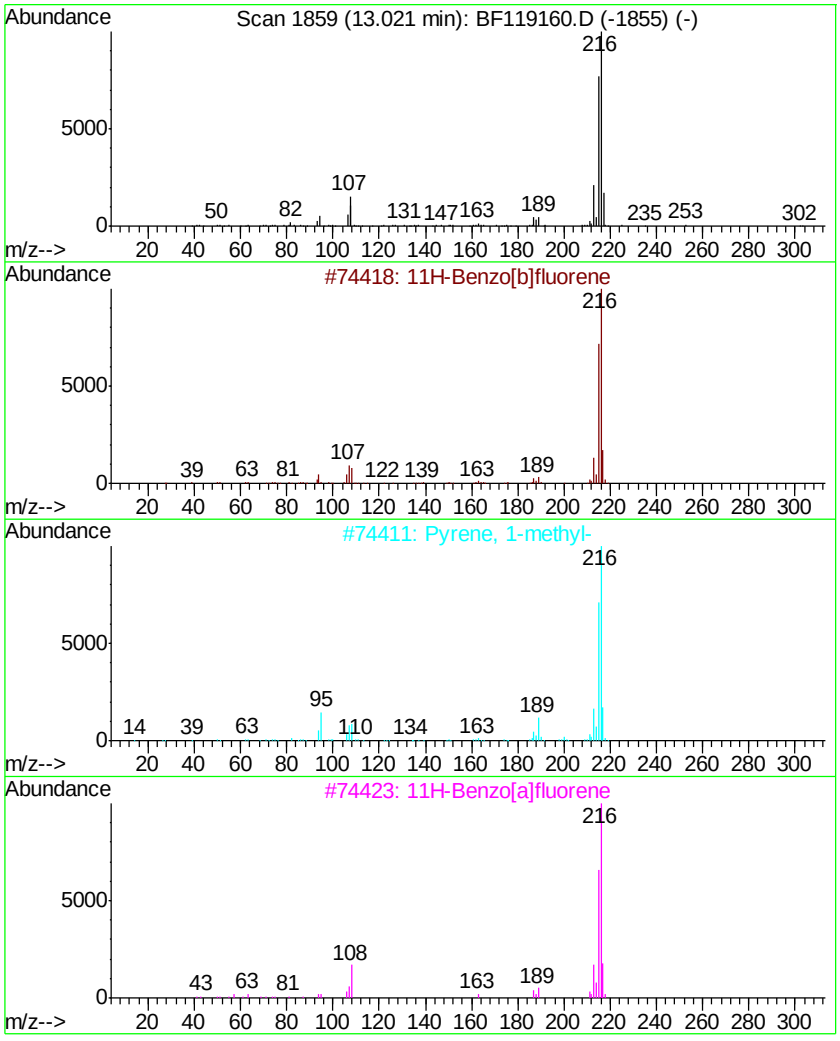
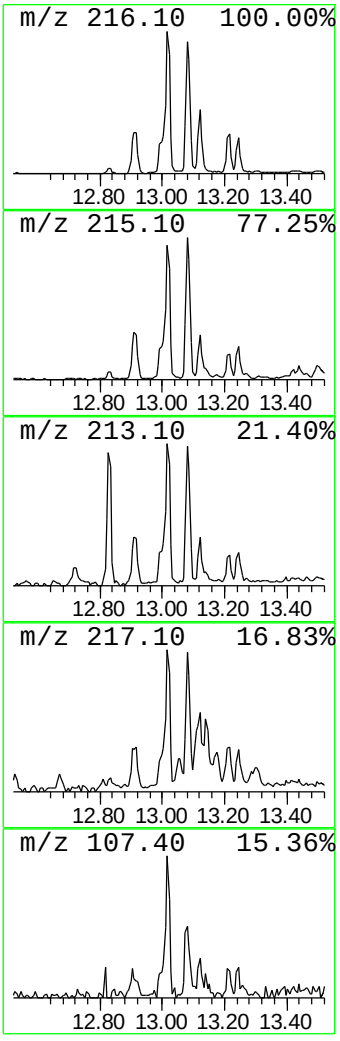
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	2.46 ng	249619	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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Acq On : 29 Feb 2020 16:02
Operator : CG/JU
Sample : L1696-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-052-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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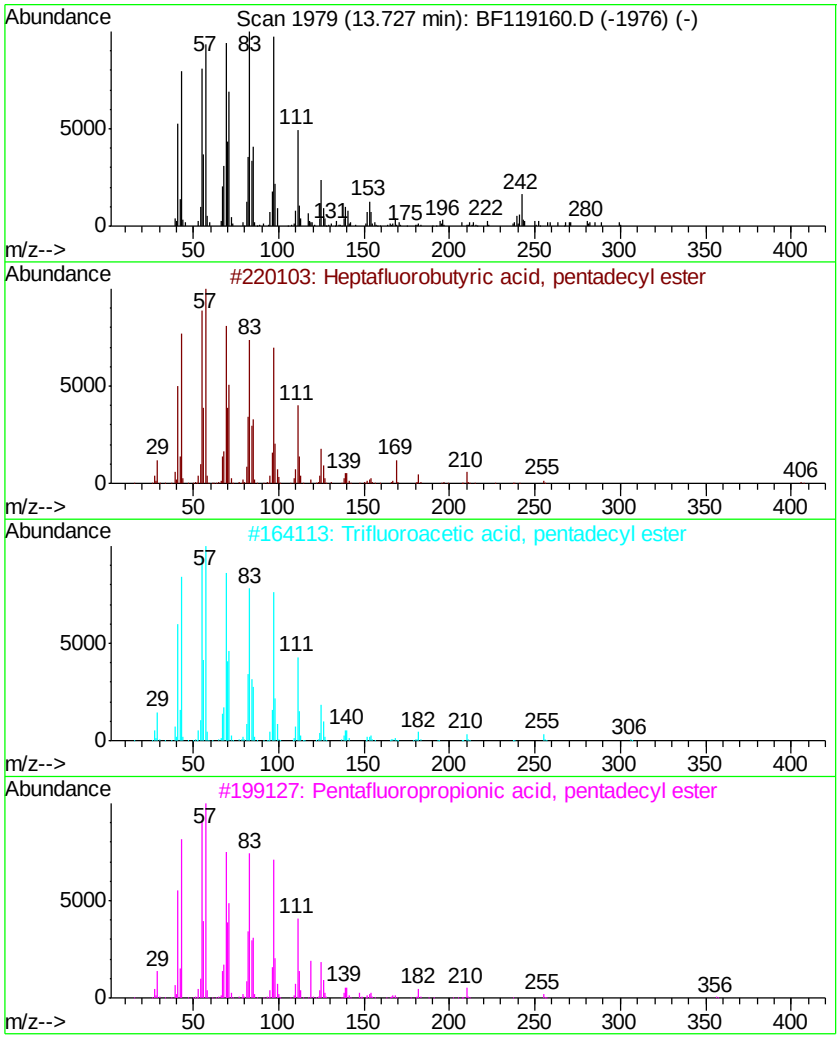
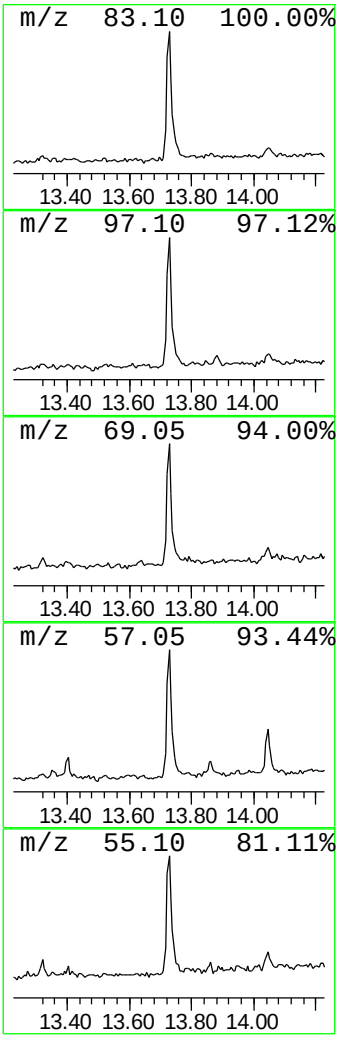
Peak Number 11 Heptafluorobutyric acid, pe... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	3.36 ng	341628	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	90
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	89





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Operator : CG/JU
Sample : L1696-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-052-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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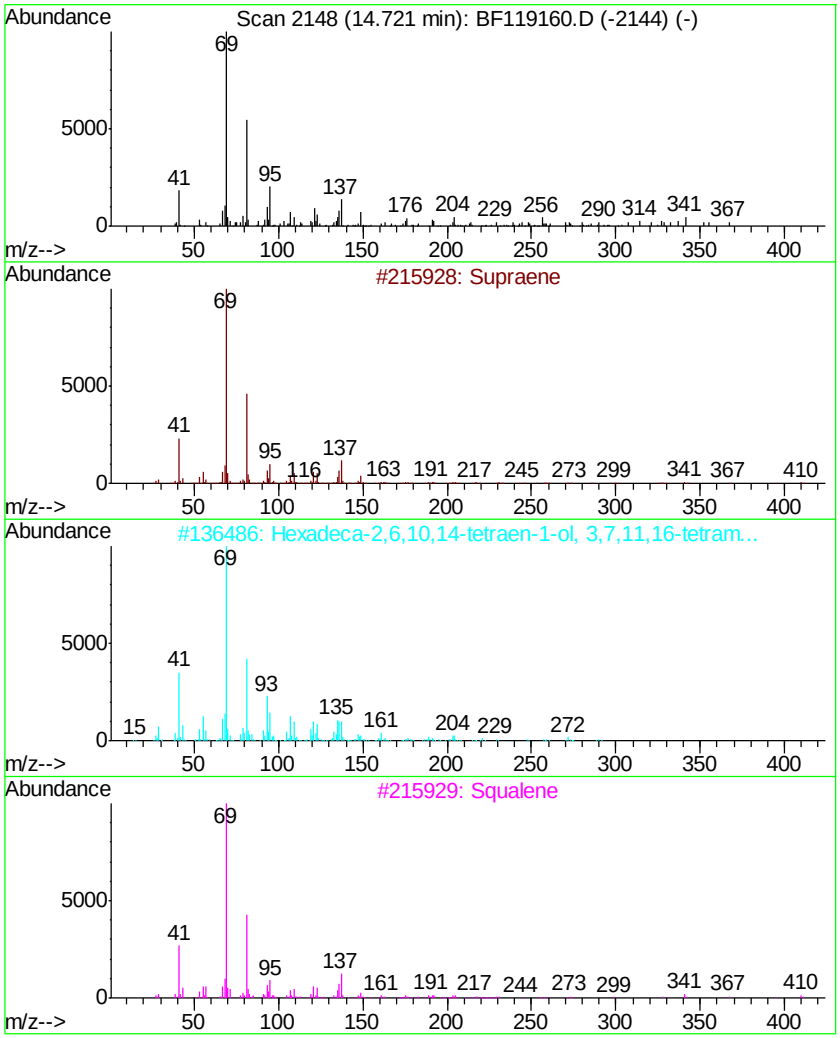
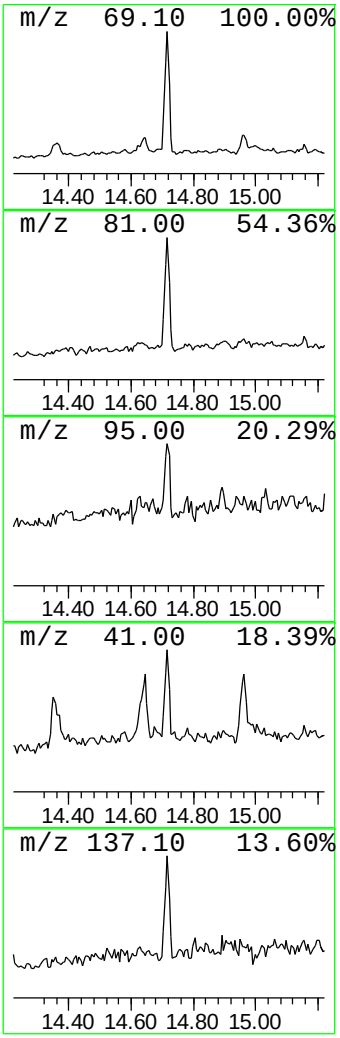
Peak Number 12 Supraene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	2.02 ng	114422	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	90
2	Hexadeca-2,6,10,14-tetraen-1-ol,...	290	C20H34O	007614-21-3	87
3	Squalene	410	C30H50	000111-02-4	86
4	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	81
5	1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	64





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : FK-GF-02-052-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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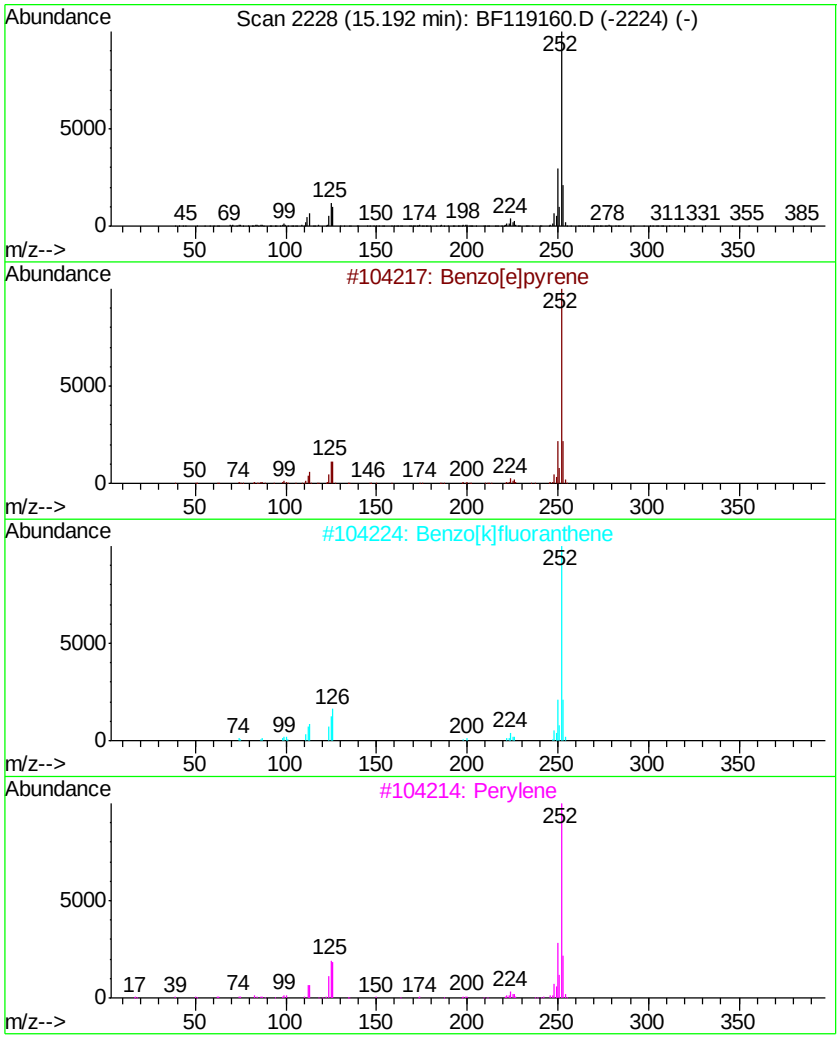
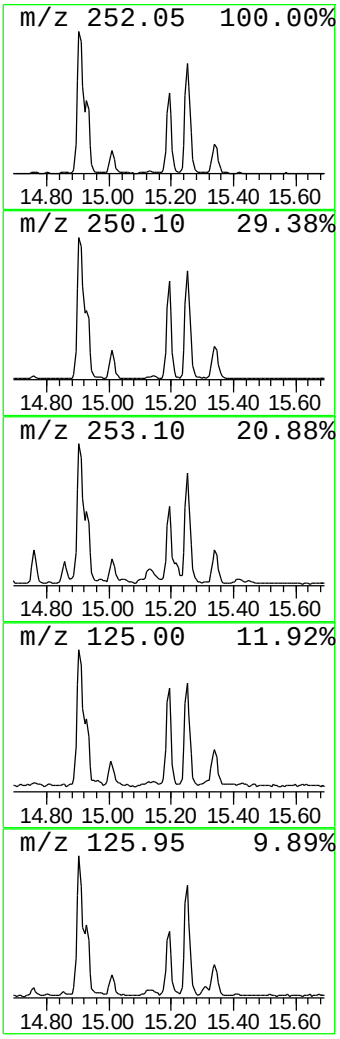
Peak Number 13 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	9.07 ng	513973	Perylene-d12	15.31

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





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-052-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
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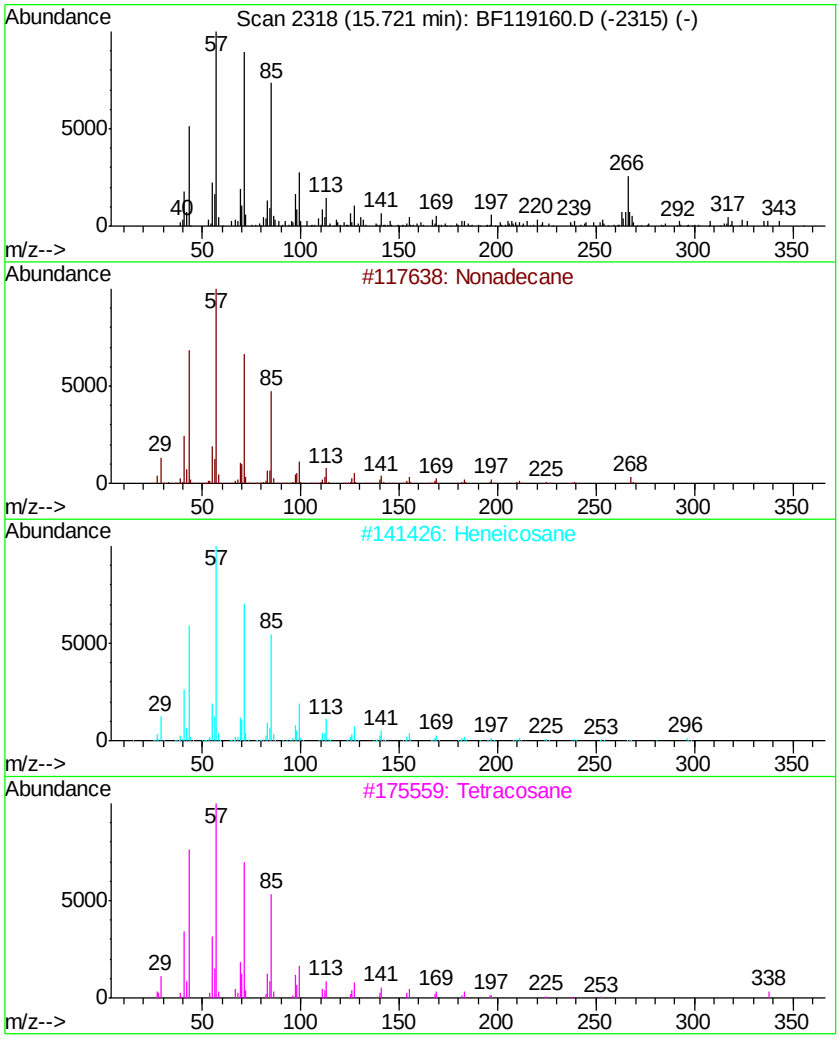
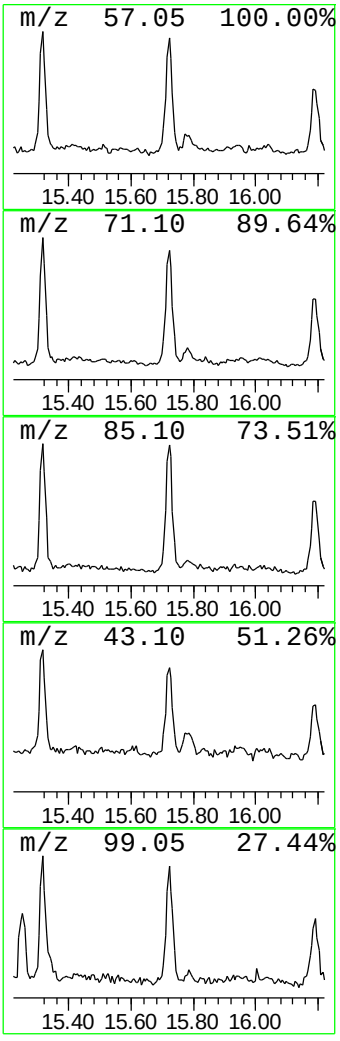
Peak Number 14 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	2.70 ng	153065	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	Heneicosane	296	C21H44	000629-94-7	76
3	Tetracosane	338	C24H50	000646-31-1	70
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	68
5	Eicosane	282	C20H42	000112-95-8	68





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclopentanol, 1,...	7.58	3.1	ng	176314	2	8.02	1142980	20.0
Cyclohexanol, 1-m...	7.73	2.1	ng	121610	2	8.02	1142980	20.0
Bicyclo[2.2.1]hep...	7.86	3.9	ng	224053	2	8.02	1142980	20.0
Naphthalene, 1,4-...	9.43	2.1	ng	161937	3	9.76	1516200	20.0
Dibenzothiophene	11.15	3.3	ng	247958	4	11.25	1509930	20.0
Phenanthrene, 2-m...	11.75	2.4	ng	181342	4	11.25	1509930	20.0
4H-Cyclopenta[def...	11.86	5.9	ng	443341	4	11.25	1509930	20.0
11H-Benzo[b]fluorene	13.02	2.5	ng	249619	5	13.89	2032840	20.0
Heptafluorobutyri...	13.73	3.4	ng	341628	5	13.89	2032840	20.0
Supraene	14.72	2.0	ng	114422	6	15.31	1133650	20.0
Benzo[e]pyrene	15.19	9.1	ng	513973	6	15.31	1133650	20.0
Nonadecane	15.72	2.7	ng	153065	6	15.31	1133650	20.0