LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112831.D
Acq On : 4 Mar 2019 18:24
Operator : JU/SJ
Sample : K1712-15 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-2-3

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-BF022719.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	5.346	550	554	567	rBV	738873	744194	32.21%	3.265%
2	6.034	667	671	674	rBV	653642	615510	26.64%	2.700%
3	6.181	691	696	697	rBV	41092	39939	1.73%	0.175%
4	6.198	697	699	703	rVB	148838	118228	5.12%	0.519%
5	6.369	725	728	740	rVB	855336	799213	34.59%	3.506%
6	6.510	748	752	760	rBV	972270	831177	35.98%	3.646%
7	6.745	788	792	801	rBV	1135588	928777	40.20%	4.074%
8	6.828	804	806	810	rVV	43626	34268	1.48%	0.150%
9	6.869	810	813	816	rVV	300627	245619	10.63%	1.078%
10	6.898	816	818	829	rVB	655593	612179	26.50%	2.686%
11	7.298	883	886	892	rBV	518247	497296	21.52%	2.182%
12	7.345	892	894	900	rVB2	30388	32178	1.39%	0.141%
13	7.557	927	930	934	rVB	69184	57472	2.49%	0.252%
14	7.775	964	967	971	rVB	63197	49829	2.16%	0.219%
15	7.934	991	994	998	rBV	55117	46121	2.00%	0.202%
16	8.028	1006	1010	1013	rBV	1278973	1073348	46.46%	4.709%
17	8.051	1013	1014	1030	rVB	128810	183610	7.95%	0.805%
18	9.098	1189	1192	1204	rBV	833434	814425	35.25%	3.573%
19	9.492	1256	1259	1266	rVB	33600	38119	1.65%	0.167%
20	9.634	1280	1283	1288	rBV	72152	70742	3.06%	0.310%
21	9.775	1304	1307	1311	rBV2	1260289	1150962	49.82%	5.049%
22	9.981	1339	1342	1347	rBV	30995	29909	1.29%	0.131%
23	10.322	1397	1400	1407	rVB	37042	37493	1.62%	0.164%
24	10.557	1436	1440	1447	rBV	556984	572254	24.77%	2.510%
25	10.869	1486	1493	1496	rBV7	17114	28783	1.25%	0.126%
26	11.057	1522	1525	1530	rVB	41588	46110	2.00%	0.202%
27	11.110	1530	1534	1537	rBV2	18661	28764	1.25%	0.126%
28	11.151	1537	1541	1544	rVV	38063	37730	1.63%	0.166%
29	11.257	1555	1559	1561	rBV	1363584	1331580	57.64%	5.842%
30	11.275	1561	1562	1567	rVV	792422	664782	28.77%	2.916%
31	11.328	1569	1571	1575	rVB	125305	113462	4.91%	0.498%
32	11.480	1593	1597	1600	rBV2	49511	54147	2.34%	0.238%
33	11.586	1612	1615	1619	rVB2	26791	24843	1.08%	0.109%
34	11.757	1640	1644	1646	rBV	129115	119302	5.16%	0.523%

LSC Area Percent Report

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Sample : K1712-15 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-2-3

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.786	1646	1649	1654	rVV2	216144	218807	9.47%	0.960%
36	11.828	1654	1656	1659	rVV	41563	38291	1.66%	0.168%
37	11.863	1659	1662	1665	rVV	152091	178021	7.71%	0.781%
38	11.886	1665	1666	1672	rVB	104801	88448	3.83%	0.388%
39	12.051	1690	1694	1696	rBV	108064	115592	5.00%	0.507%
40	12.069	1696	1697	1702	rVB2	98559	78526	3.40%	0.344%
41	12.198	1717	1719	1722	rVB2	54839	48453	2.10%	0.213%
42	12.251	1726	1728	1731	rVB2	29217	23873	1.03%	0.105%
43	12.304	1734	1737	1740	rBV	77229	85795	3.71%	0.376%
44	12.339	1740	1743	1745	rBV	27751	31874	1.38%	0.140%
45	12.386	1748	1751	1756	rVB2	111940	110046	4.76%	0.483%
46	12.463	1760	1764	1768	rBV	1308466	1125725	48.73%	4.938%
47	12.510	1770	1772	1774	rBV	27797	25088	1.09%	0.110%
48	12.557	1777	1780	1781	rBV	35766	31173	1.35%	0.137%
49	12.686	1797	1802	1806	rBV	1067359	1173022	50.77%	5.146%
50	12.739	1808	1811	1816	rVB2	49367	72583	3.14%	0.318%
51	12.810	1820	1823	1824	rBV	79965	67012	2.90%	0.294%
52	12.833	1824	1827	1834	rVB	1014502	894174	38.70%	3.923%
53	12.910	1836	1840	1843	rBV2	84259	108147	4.68%	0.474%
54	12.974	1848	1851	1852	rBV3	47218	39435	1.71%	0.173%
55	12.998	1852	1855	1856	rVV2	53992	59147	2.56%	0.259%
56	13.016	1856	1858	1860	rVB	75986	62287	2.70%	0.273%
57	13.080	1867	1869	1872	rVB2	41083	40826	1.77%	0.179%
58	13.122	1872	1876	1878	rBV2	136126	140378	6.08%	0.616%
59	13.210	1888	1891	1894	rBV	65828	73282	3.17%	0.321%
60	13.245	1894	1897	1902	rVV3	82039	84747	3.67%	0.372%
61	13.374	1917	1919	1922	rBV	88416	72242	3.13%	0.317%
62	13.522	1941	1944	1949	rVB	157601	175234	7.58%	0.769%
63	13.569	1949	1952	1954	rBV	228243	216812	9.38%	0.951%
64	13.598	1954	1957	1959	rVV3	153834	160040	6.93%	0.702%
65	13.627	1960	1962	1966	rVV2	101958	132348	5.73%	0.581%
66	13.663	1966	1968	1970	rVV	119049	103358	4.47%	0.453%
67	13.686	1970	1972	1976	rVV2	181983	200109	8.66%	0.878%
68	13.727	1976	1979	1985	rVB	130301	167488	7.25%	0.735%
69	13.880	1999	2005	2008	rBV2	1455709	2310320	100.00%	10.135%
70	13.910	2008	2010	2012	rVB	491674	379932	16.44%	1.667%
71	14.898	2174	2178	2181	rBV2	333423	525118	22.73%	2.304%

LSC Area Percent Report

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Instrument : BNA_F
ClientSampleId : Z-2-3

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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72	15.180	2223	2226	2232	rVB	195594	210491	9.11%	0.923%
73	15.239	2232	2236	2240	rBV	221319	256829	11.12%	1.127%
74	15.298	2242	2246	2249	rBV	682338	797691	34.53%	3.499%

Sum of corrected areas: 22795129

LSC Report - Integrated Chromatogram

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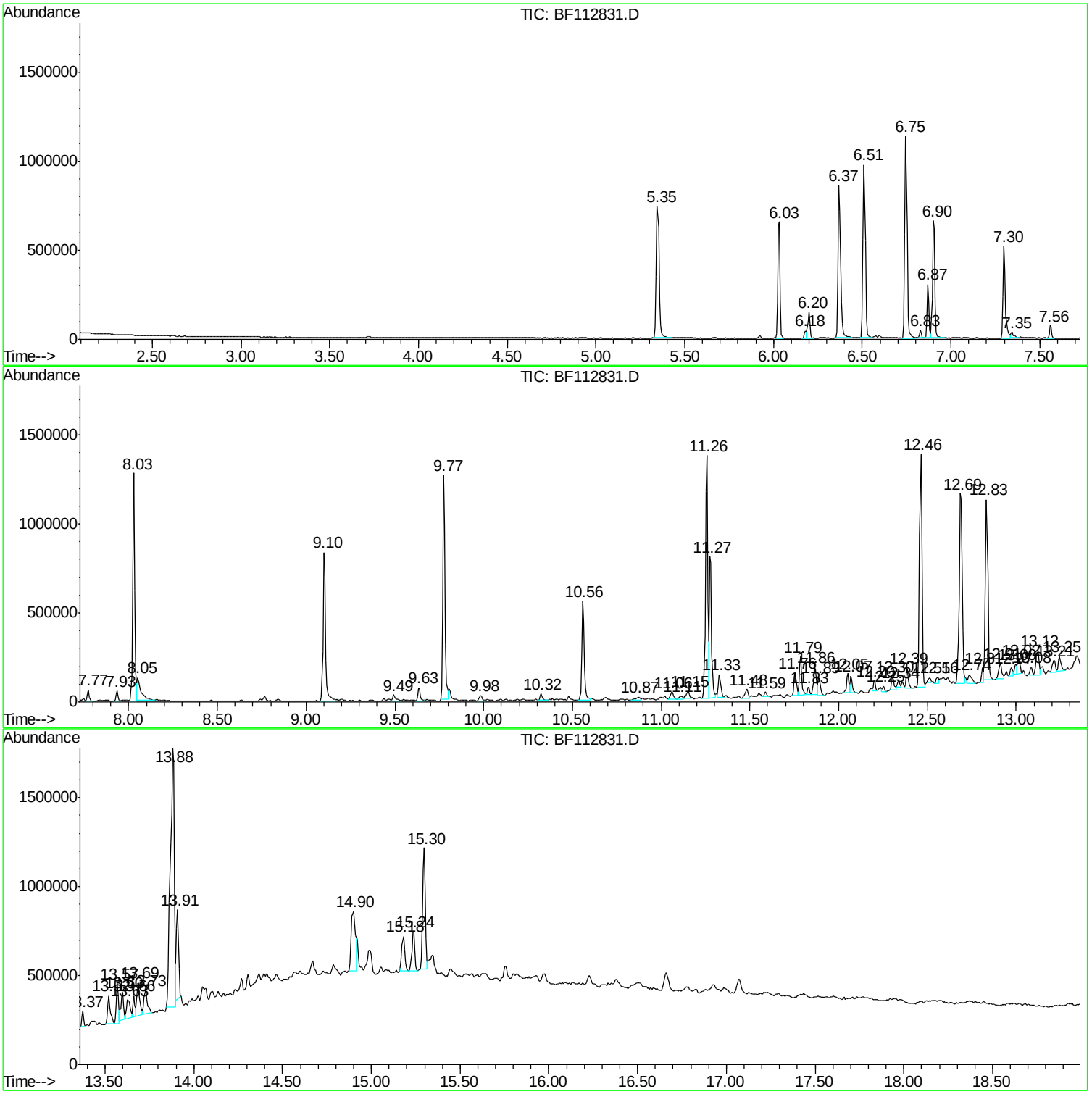
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-2-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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\BF030419\
Data File : BF112831.D
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Instrument : BNA_F
ClientSampleId : Z-2-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

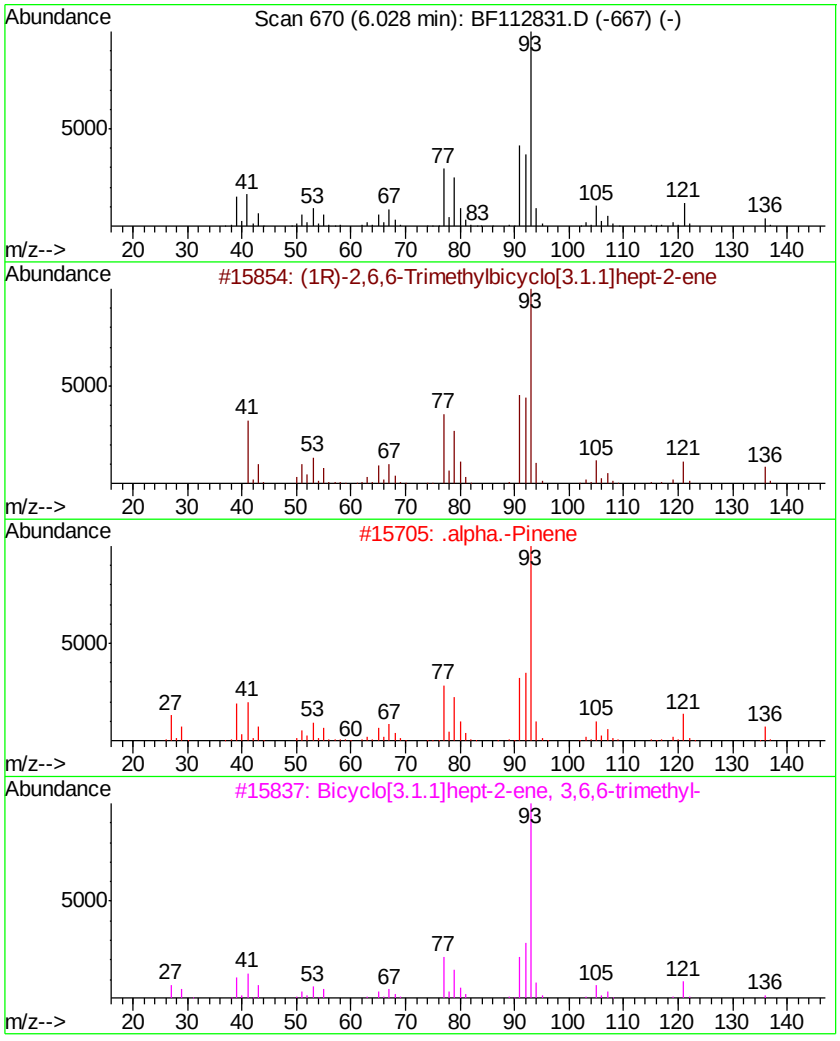
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

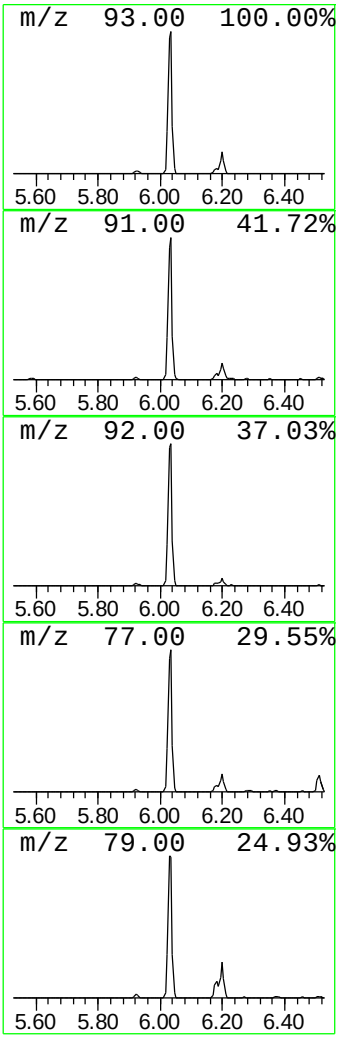
****

Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.03	13.25 ng	615510	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
2	.alpha.-Pinene	136	C10H16	000080-56-8	94
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
4	(+)-3-Carene	136	C10H16	000498-15-7	91
5	trans-.beta.-Ocimene	136	C10H16	003779-61-1	91





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Operator : JU/SJ
Sample : K1712-15 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-2-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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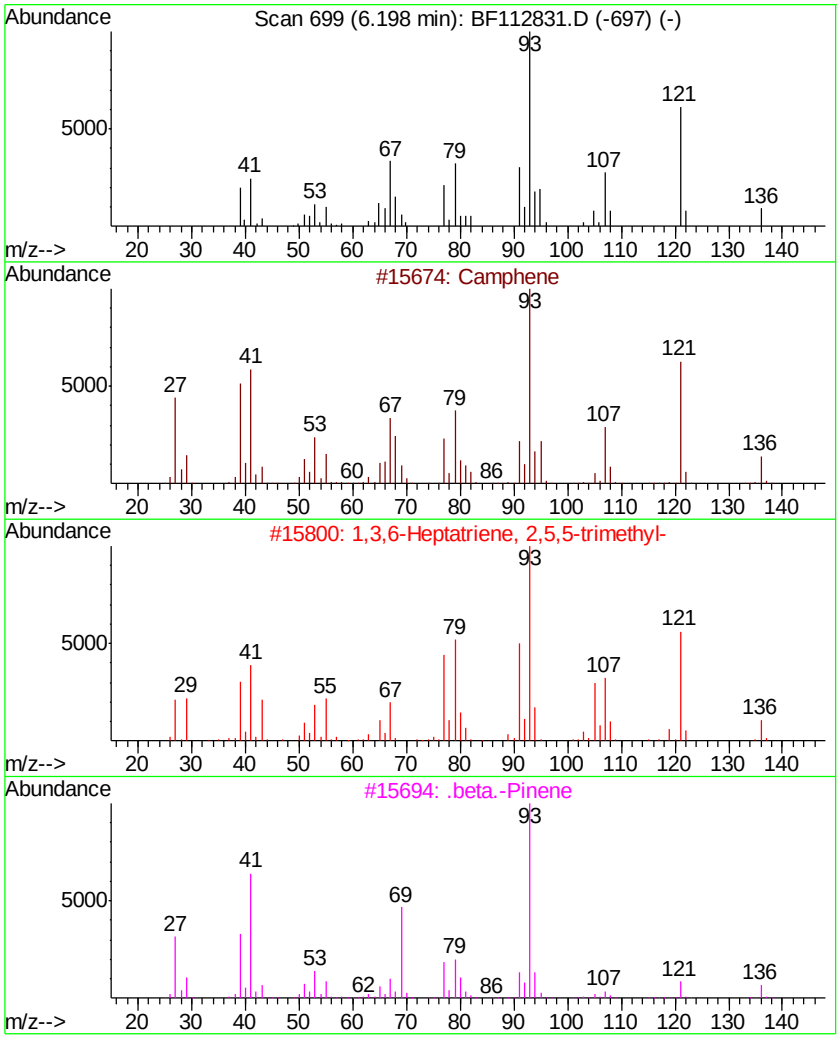
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

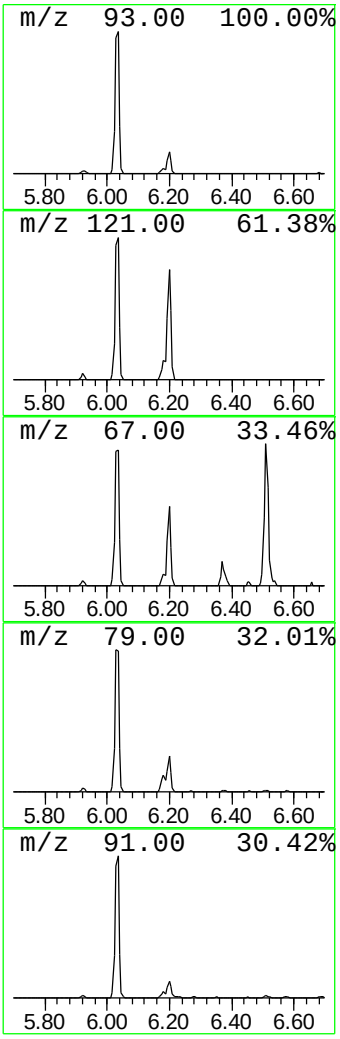
****

Peak Number 2 Camphene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	2.55 ng	118228	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	94
2	1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	72
3	.beta.-Pinene	136	C10H16	000127-91-3	64
4	Cyclohexanemethanol, 4-methylene-	126	C8H14O	001004-24-6	53
5	(4-Methyl-cyclohex-3-enyl)-methanol	126	C8H14O	089690-46-0	53





Library Search Compound Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-2-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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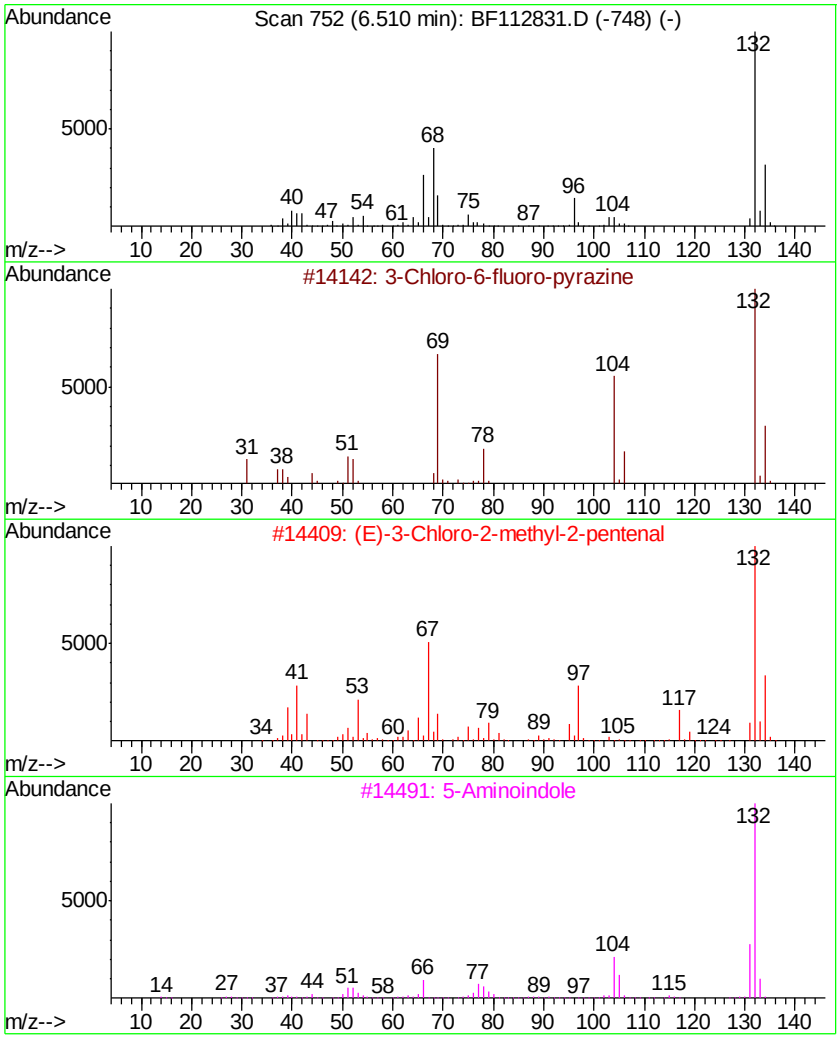
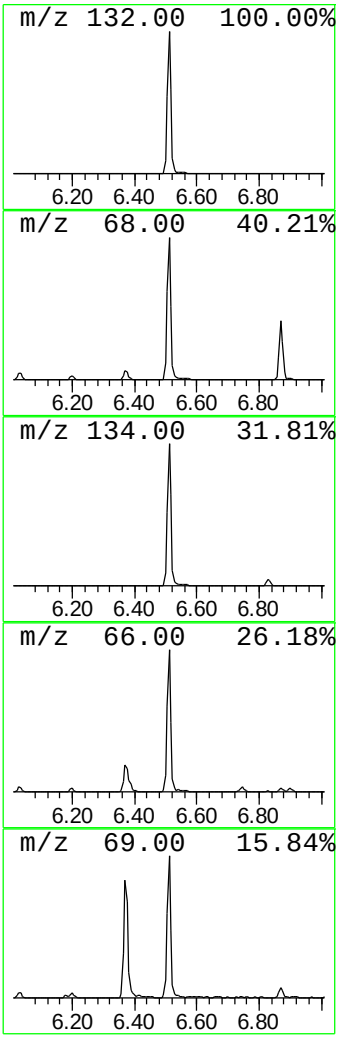
Peak Number 3 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	17.90 ng	831177	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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ClientSampleId : Z-2-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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TIC Library : C:\DATABASE\NIST11.L
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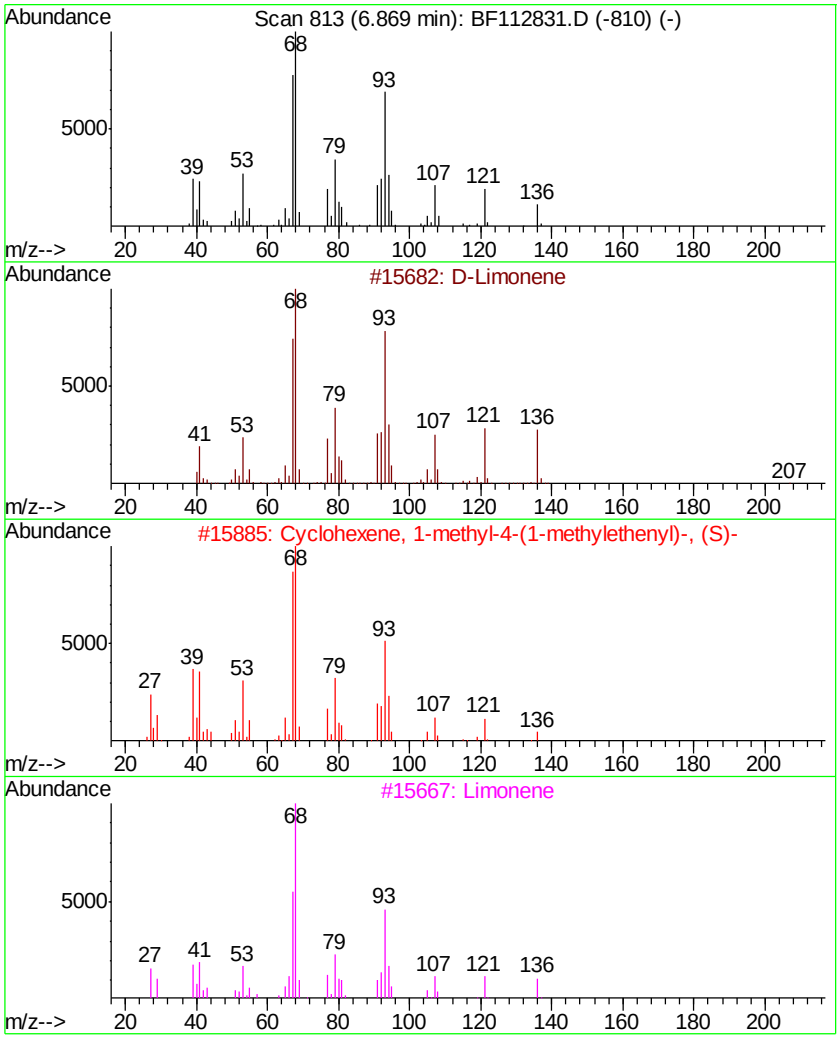
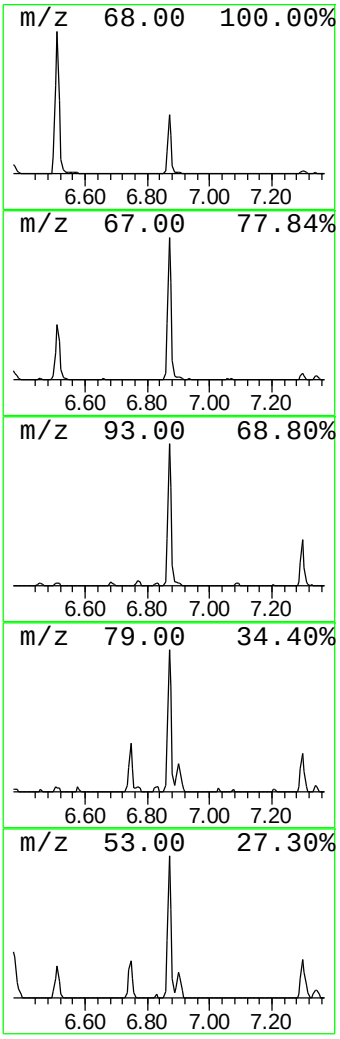
Peak Number 4 D-Limonene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	5.29 ng	245619	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	98
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	95
3	Limonene	136	C10H16	000138-86-3	87
4	Cyclohexene, 4-ethenyl-1,4-dimet...	136	C10H16	001743-61-9	70
5	Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	013898-73-2	64





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Sample : K1712-15 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-2-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

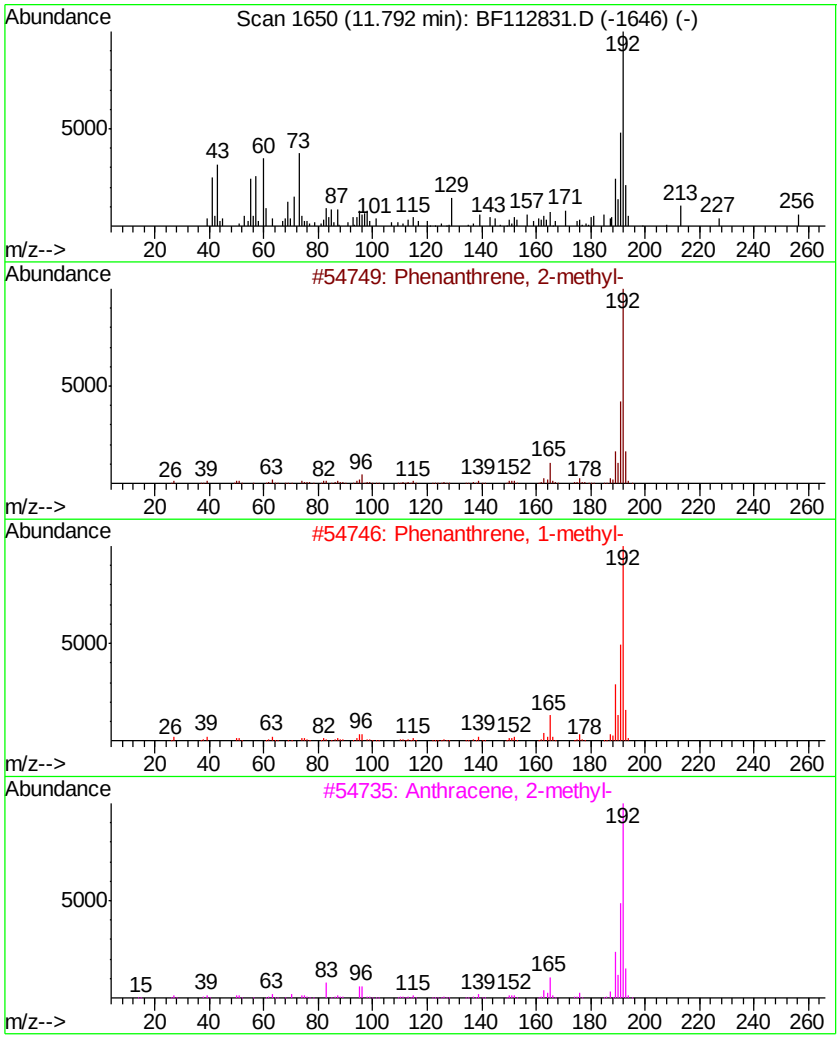
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

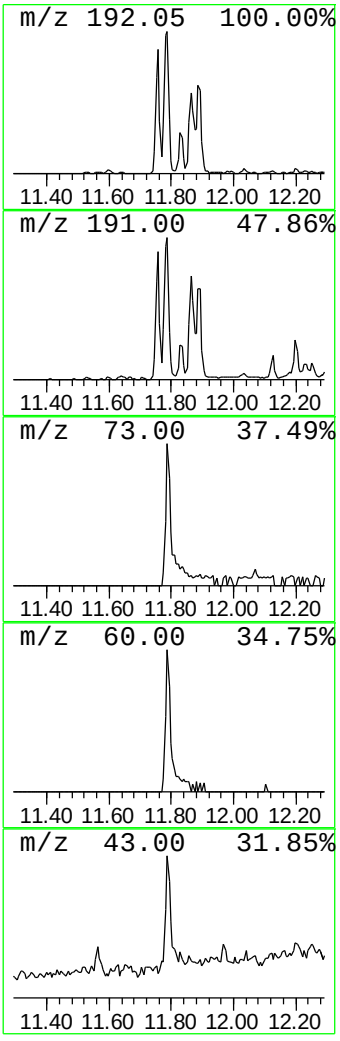
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	3.29 ng	218807	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-2-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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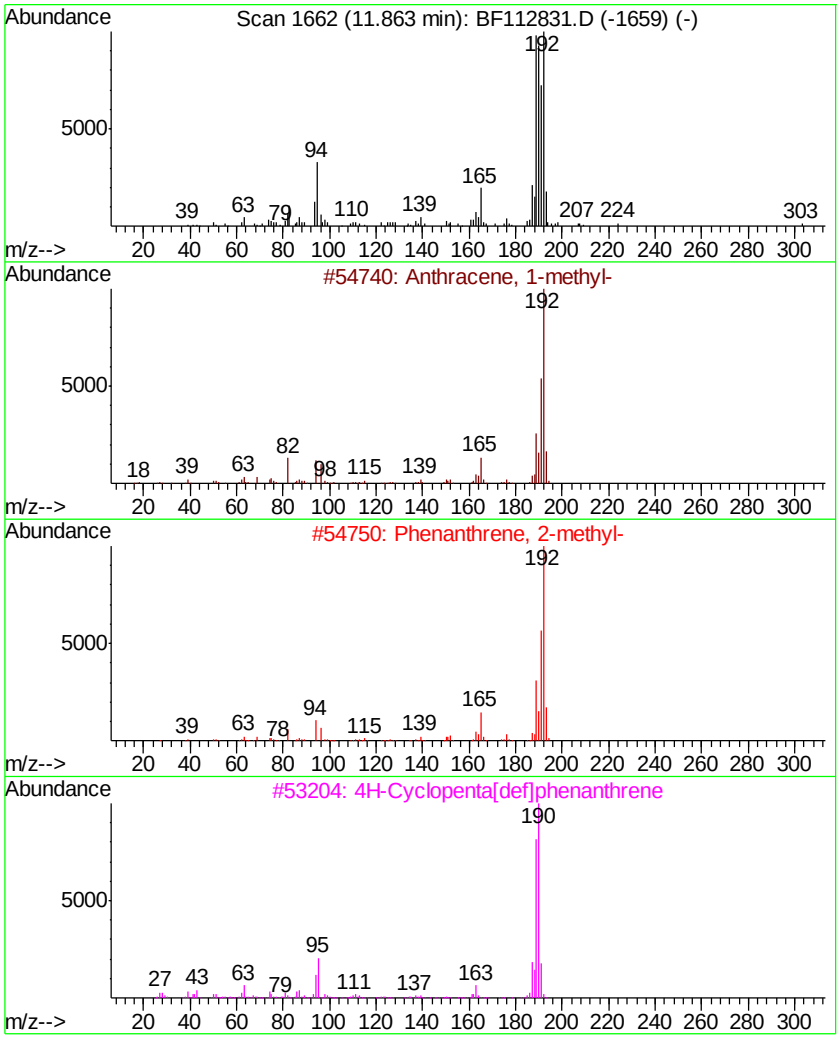
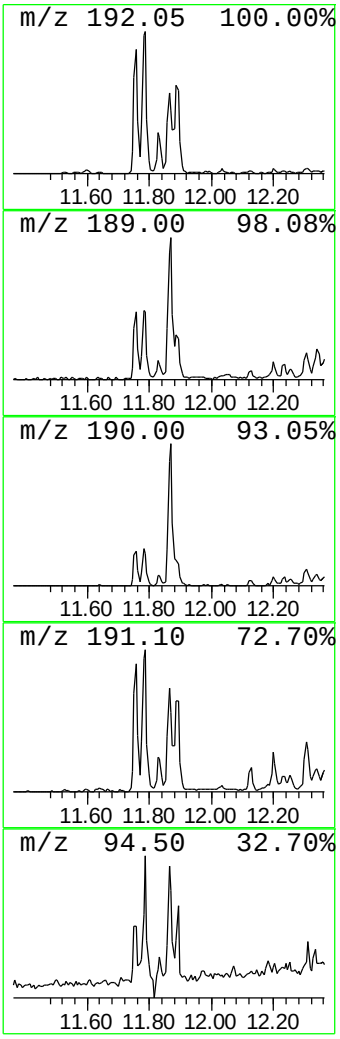
Peak Number 7 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.67 ng	178021	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	45
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42





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Misc :
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Instrument : BNA_F
ClientSampleId : Z-2-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

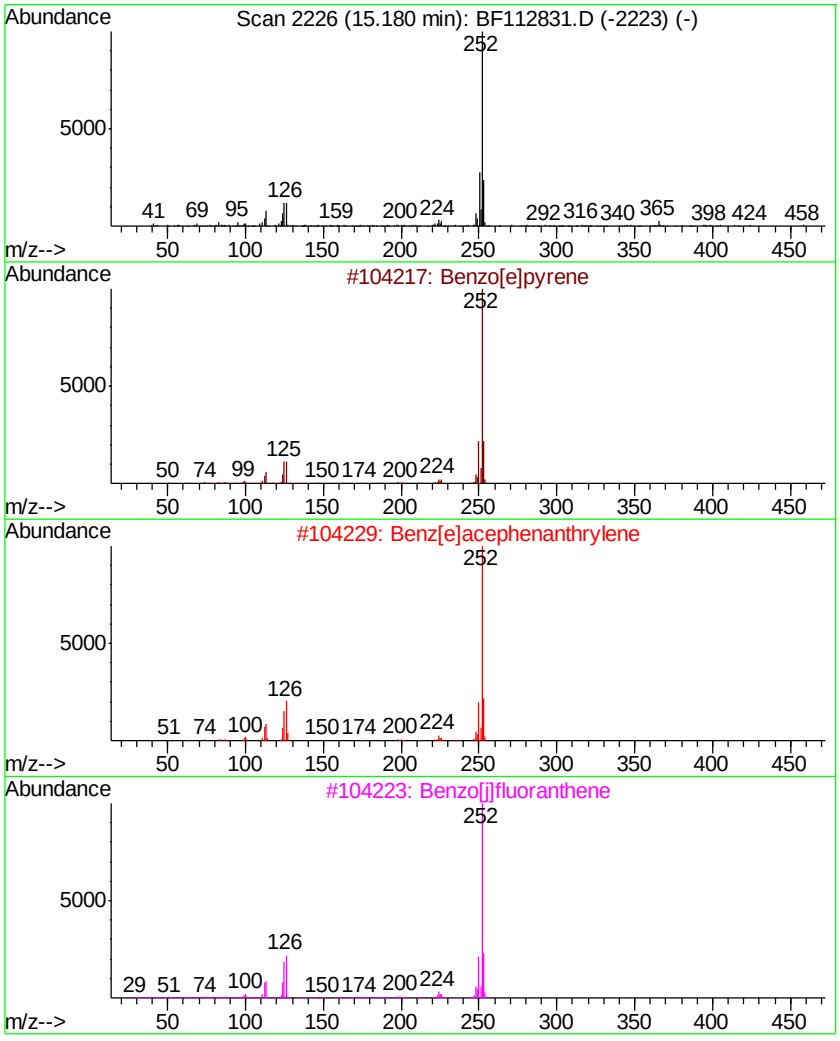
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

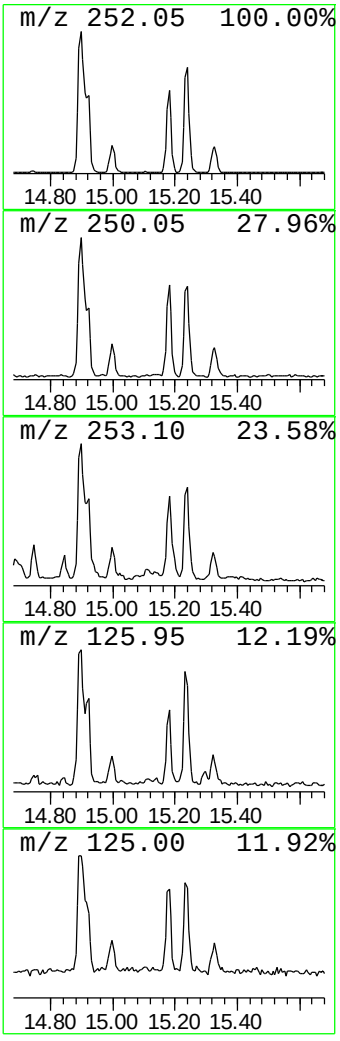
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	5.28 ng	210491	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
Data File : BF112831.D
Acq On : 4 Mar 2019 18:24
Operator : JU/SJ
Sample : K1712-15 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-2-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
(1R)-2,6,6-Trimet...	6.03	13.3	ng	615510	1	6.75	928777	20.0
Camphene	6.20	2.5	ng	118228	1	6.75	928777	20.0
unknown6.51	6.51	17.9	ng	831177	1	6.75	928777	20.0
D-Limonene	6.87	5.3	ng	245619	1	6.75	928777	20.0
Phenanthrene, 2-m...	11.79	3.3	ng	218807	4	11.26	1331580	20.0
Anthracene, 1-met...	11.86	2.7	ng	178021	4	11.26	1331580	20.0
Benzo[e]pyrene	15.18	5.3	ng	210491	6	15.30	797691	20.0