LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113867.D
Acq On : 19 Apr 2019 19:05
Operator : JU/SJ
Sample : K2199-15 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-041819-B

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-BF041819.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	5.516	579	583	593	rBV	799589	685784	44.19%	4.273%
2	6.516	749	753	756	rBV	842857	687949	44.33%	4.286%
3	6.669	775	779	782	rBV	859304	727010	46.84%	4.530%
4	6.904	815	819	822	rBV	1077678	930234	59.94%	5.796%
5	7.057	841	845	849	rBV	721503	559152	36.03%	3.484%
6	7.451	909	912	917	rBV	458588	358092	23.07%	2.231%
7	8.181	1033	1036	1040	rBV	1220114	1089926	70.23%	6.791%
8	9.257	1215	1219	1222	rBV	909192	710647	45.79%	4.428%
9	9.345	1231	1234	1240	rVB4	10062	15624	1.01%	0.097%
10	9.598	1273	1277	1279	rBV	21621	19343	1.25%	0.121%
11	9.645	1283	1285	1291	rVB	54049	50316	3.24%	0.314%
12	9.798	1308	1311	1314	rBV	48928	38646	2.49%	0.241%
13	9.939	1331	1335	1338	rBV	1415574	1124402	72.45%	7.006%
14	9.969	1338	1340	1343	rVB	35401	31263	2.01%	0.195%
15	10.139	1366	1369	1372	rVB	32349	29677	1.91%	0.185%
16	10.486	1425	1428	1434	rVB	58483	53590	3.45%	0.334%
17	10.722	1464	1468	1474	rBV	519211	448129	28.87%	2.792%
18	10.845	1486	1489	1497	rBV3	30977	43066	2.77%	0.268%
19	11.033	1518	1521	1524	rBV2	21162	23451	1.51%	0.146%
20	11.063	1524	1526	1530	rVV3	16994	16506	1.06%	0.103%
21	11.227	1552	1554	1559	rVB2	19181	19457	1.25%	0.121%
22	11.298	1563	1566	1568	rVV2	29823	31125	2.01%	0.194%
23	11.322	1568	1570	1576	rVB2	38304	39328	2.53%	0.245%
24	11.427	1584	1588	1590	rBV	1536427	1266082	81.58%	7.889%
25	11.451	1590	1592	1595	rVV	475756	365713	23.56%	2.279%
26	11.504	1595	1601	1604	rVV	130847	132444	8.53%	0.825%
27	11.533	1604	1606	1610	rVB3	17654	21585	1.39%	0.134%
28	11.651	1622	1626	1629	rBV	44442	45263	2.92%	0.282%
29	11.727	1636	1639	1642	rBV	38848	29092	1.87%	0.181%
30	11.763	1643	1645	1647	rBV	26080	19293	1.24%	0.120%
31	11.939	1672	1675	1677	rBV	75782	71527	4.61%	0.446%
32	11.963	1677	1679	1683	rVB	124534	128366	8.27%	0.800%
33	12.016	1685	1688	1690	rBV	43761	35645	2.30%	0.222%
34	12.051	1690	1694	1697	rBV	127171	152201	9.81%	0.948%

LSC Area Percent Report

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Sample : K2199-15 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-041819-B

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-BF041819.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.151	1708	1711	1713	rBV2	30995	29156	1.88%	0.182%
36	12.180	1714	1716	1718	rVB2	17972	15781	1.02%	0.098%
37	12.245	1724	1727	1729	rBV	47959	48131	3.10%	0.300%
38	12.263	1729	1730	1735	rVB2	35761	30108	1.94%	0.188%
39	12.386	1748	1751	1752	rBV3	16519	17257	1.11%	0.108%
40	12.404	1752	1754	1757	rVB2	25530	21458	1.38%	0.134%
41	12.439	1757	1760	1762	rBV	31606	35213	2.27%	0.219%
42	12.516	1769	1773	1776	rBV	75654	90451	5.83%	0.564%
43	12.557	1776	1780	1785	rVV5	66225	125782	8.10%	0.784%
44	12.604	1785	1788	1793	rVV3	41742	58585	3.77%	0.365%
45	12.686	1798	1802	1806	rVV	696177	631212	40.67%	3.933%
46	12.792	1818	1820	1823	rBV2	28956	31456	2.03%	0.196%
47	12.857	1829	1831	1834	rBV3	23318	22998	1.48%	0.143%
48	12.939	1839	1845	1848	rBV	582575	663422	42.75%	4.134%
49	12.969	1848	1850	1853	rVB2	43547	43650	2.81%	0.272%
50	13.074	1865	1868	1869	rBV	36962	38377	2.47%	0.239%
51	13.098	1869	1872	1880	rVB	919198	876375	56.47%	5.460%
52	13.186	1884	1887	1890	rVV2	36907	49591	3.20%	0.309%
53	13.280	1901	1903	1904	rBV	29890	28119	1.81%	0.175%
54	13.310	1905	1908	1911	rVB	104857	110836	7.14%	0.691%
55	13.386	1917	1921	1923	rVB2	116789	119880	7.72%	0.747%
56	13.427	1925	1928	1931	rBV2	83462	87184	5.62%	0.543%
57	13.533	1944	1946	1949	rVB	57042	47991	3.09%	0.299%
58	13.568	1950	1952	1956	rBV	54172	59621	3.84%	0.371%
59	13.792	1987	1990	1995	rVB3	64104	87100	5.61%	0.543%
60	14.351	2080	2085	2089	rBV2	1159916	1552008	100.00%	9.670%
61	14.386	2089	2091	2094	rVB	213704	182281	11.74%	1.136%
62	15.686	2310	2312	2316	rBV	108365	149728	9.65%	0.933%
63	16.168	2390	2394	2398	rBV	671882	795965	51.29%	4.959%

Sum of corrected areas: 16049644

LSC Report - Integrated Chromatogram

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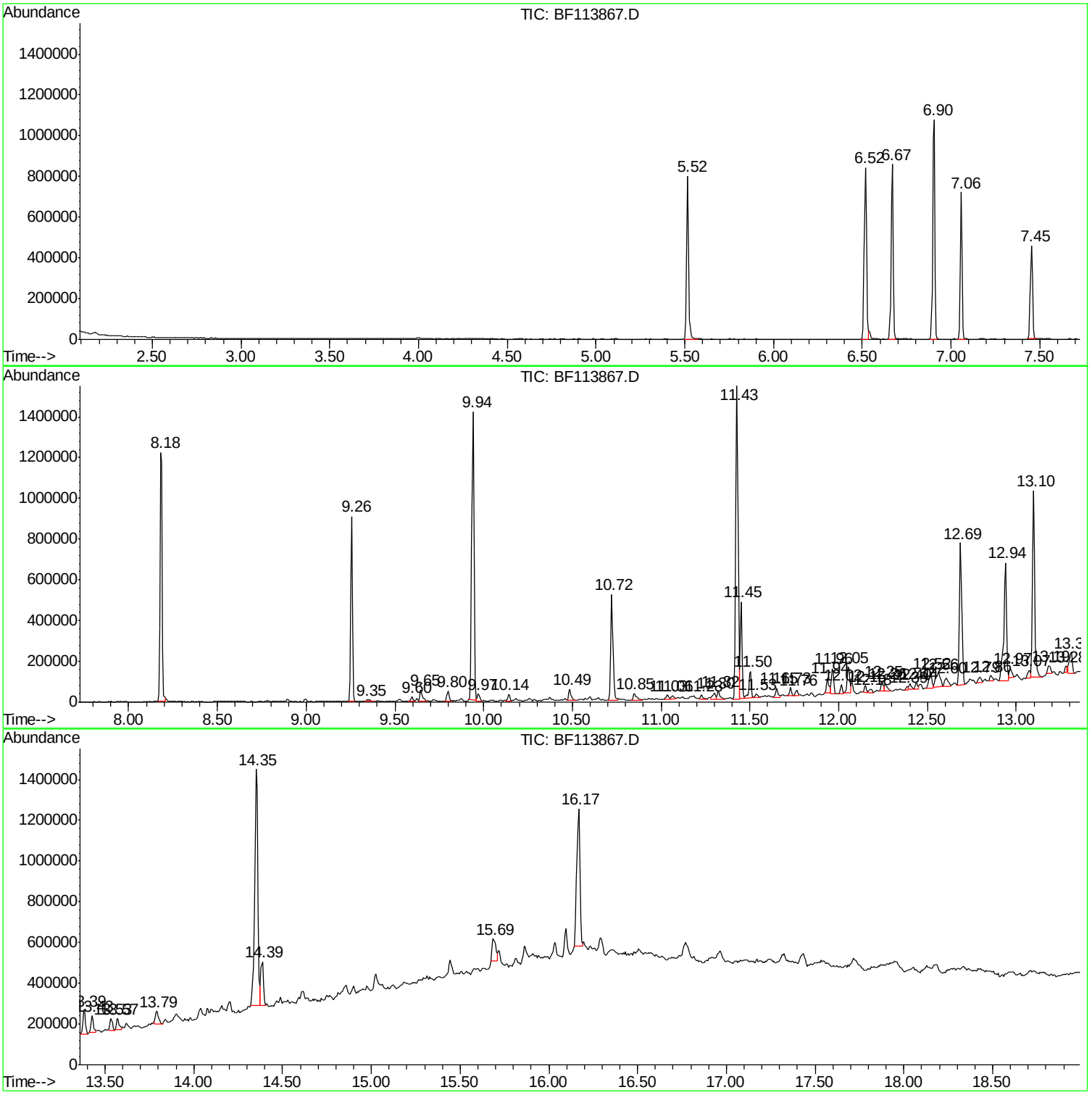
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-041819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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\BF041919\
Data File : BF113867.D
Acq On : 19 Apr 2019 19:05
Operator : JU/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : OR-03-041819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
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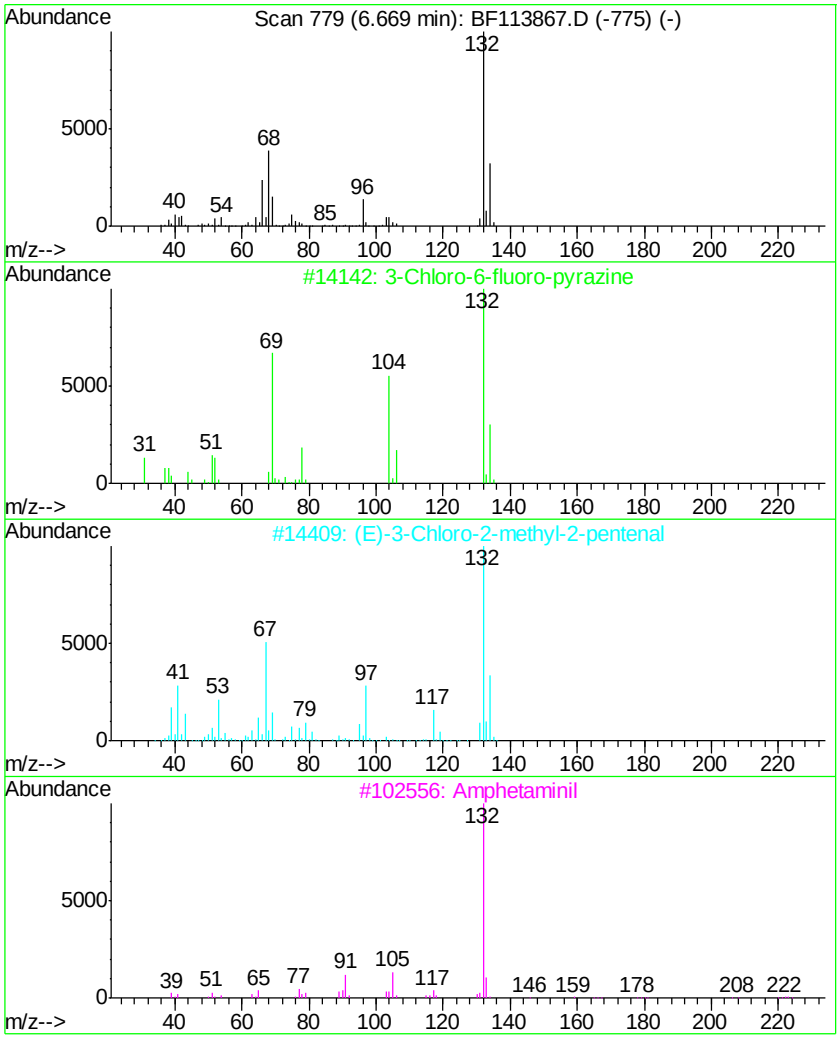
TIC Integration Parameters: LSCINT.P

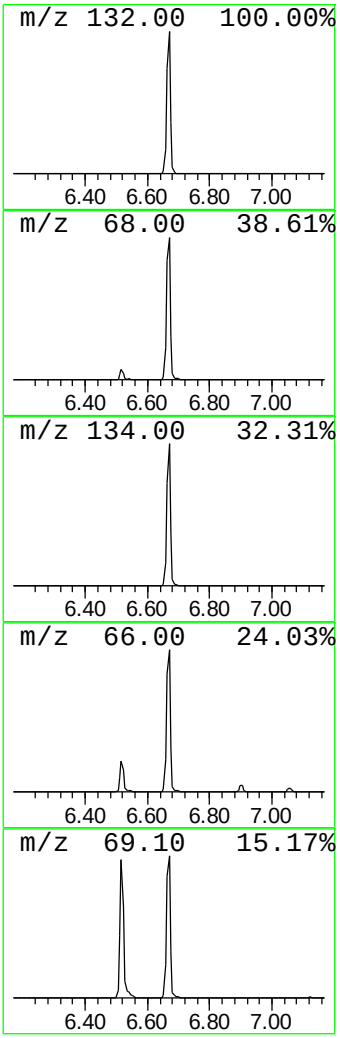
****

Peak Number 1 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	15.63 ng	727010	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Xenon	132	Xe	007440-63-3	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Instrument : BNA_F
ClientSampleId : OR-03-041819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

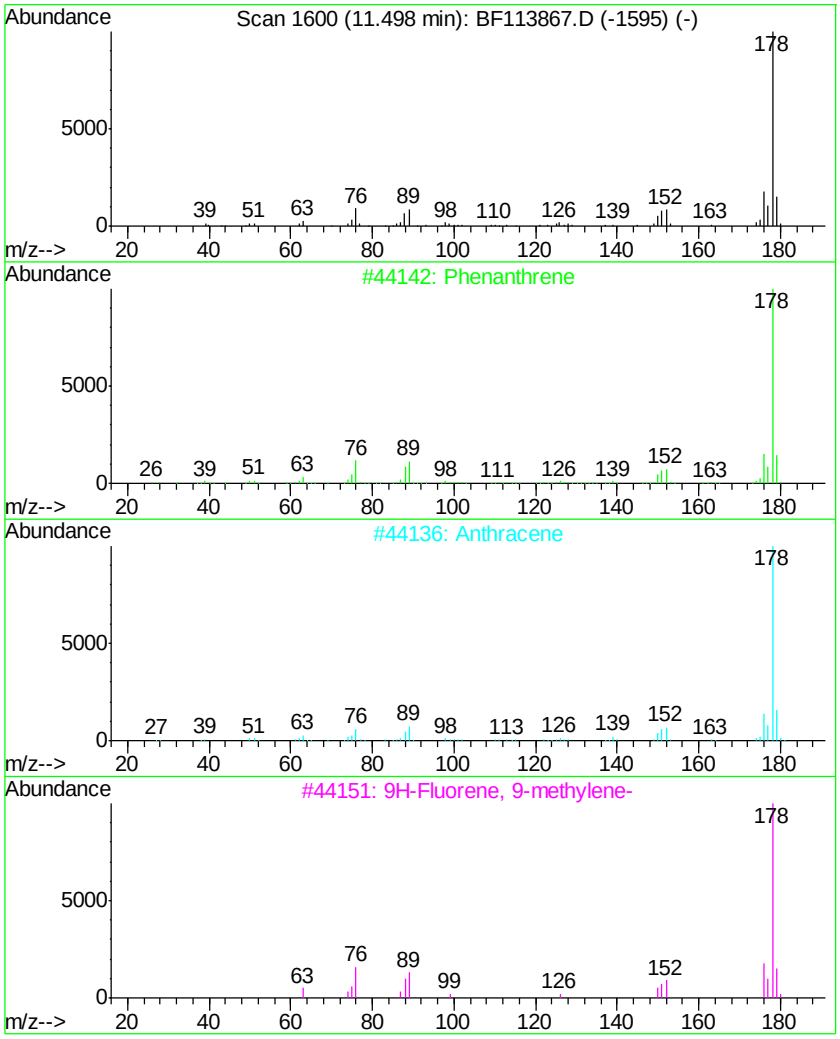
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

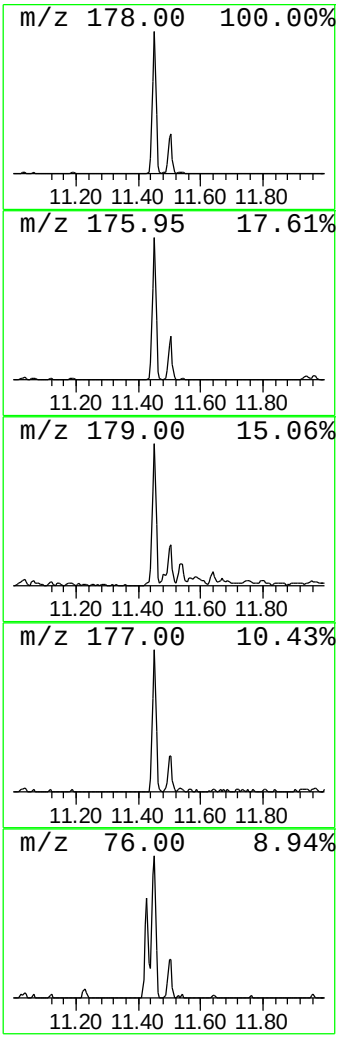
****

Peak Number 3 2-Cyclopropen-1-one, 2,3-di... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	2.09 ng	132444	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene	178	C14H10	000085-01-8	95
2	Anthracene	178	C14H10	000120-12-7	94
3	9H-Fluorene, 9-methylene-	178	C14H10	004425-82-5	87
4	Diphenylacetylene	178	C14H10	000501-65-5	83
5	2-Cyclopropen-1-one, 2,3-diphenyl-	206	C15H10O	000886-38-4	78





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-041819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
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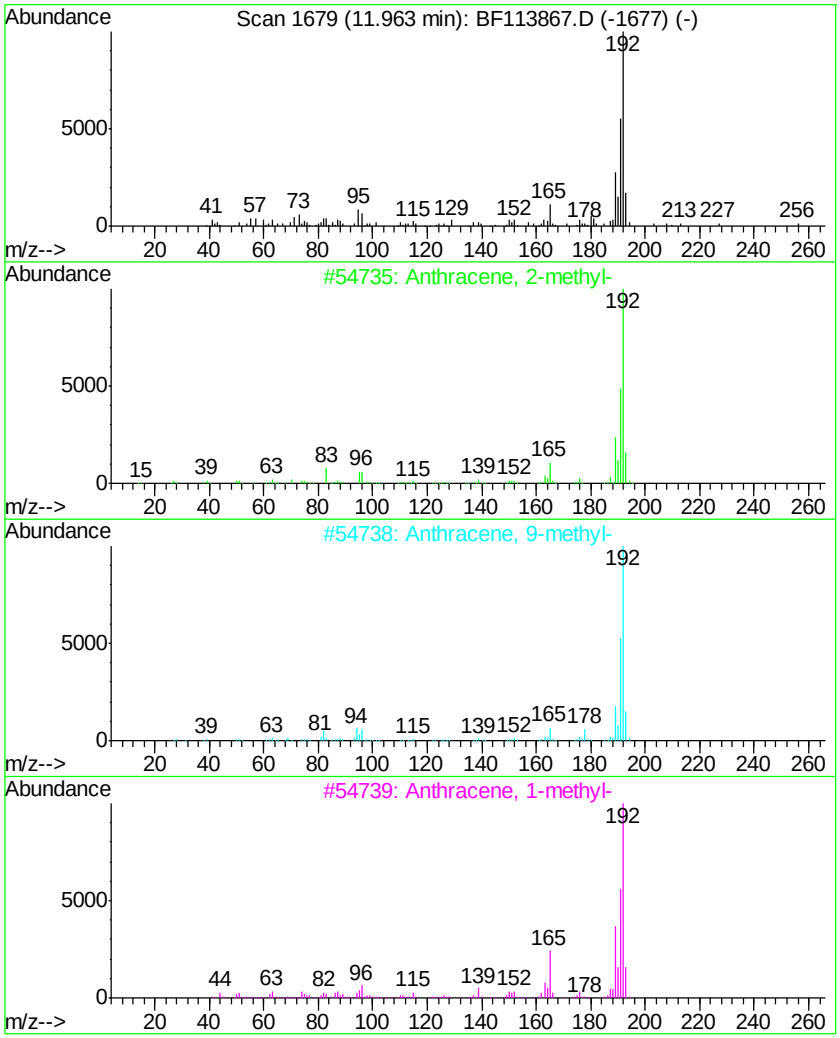
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

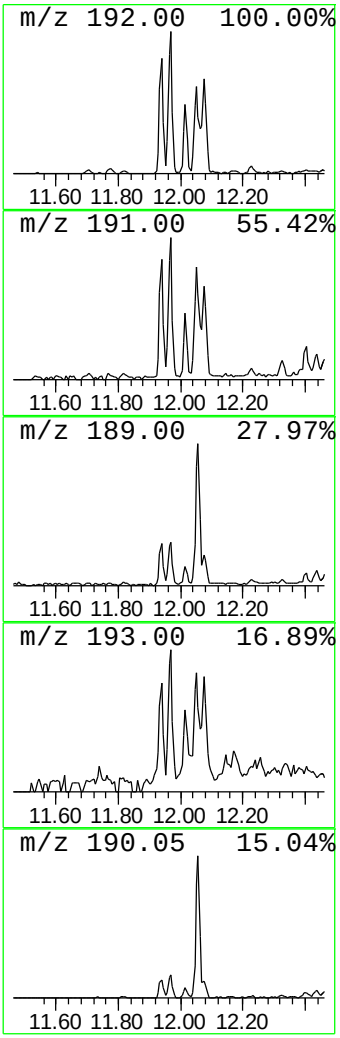
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.03 ng	128366	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-041819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
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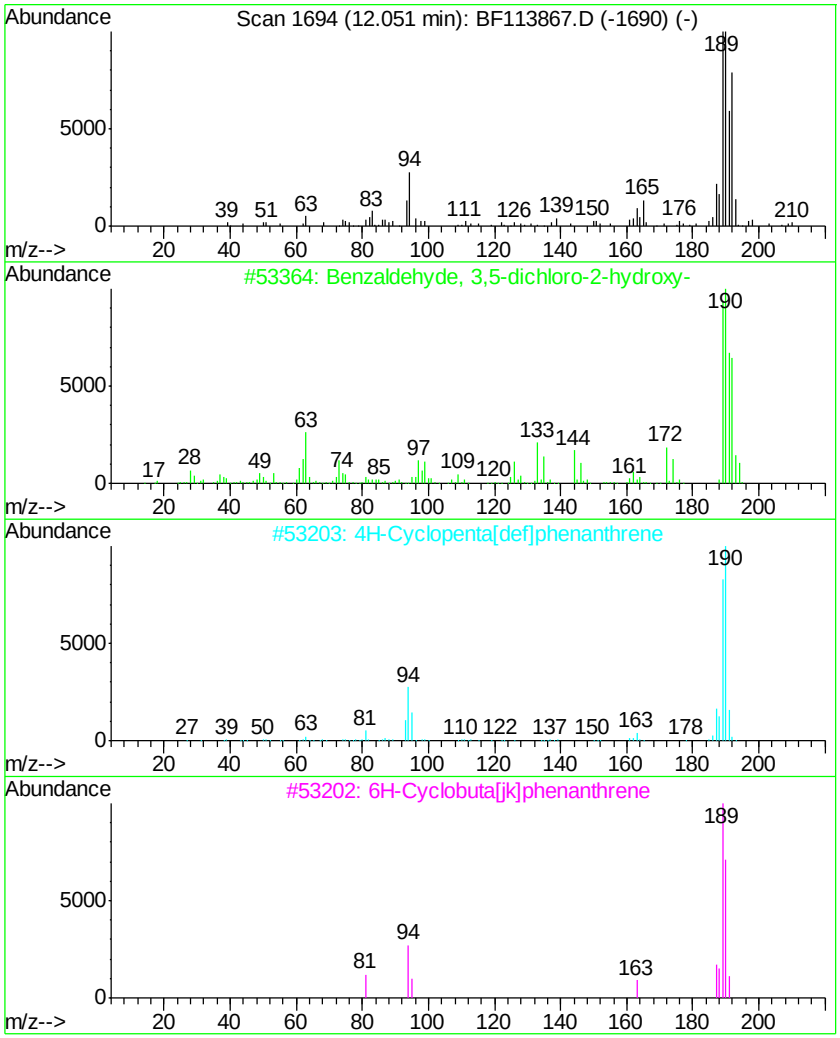
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

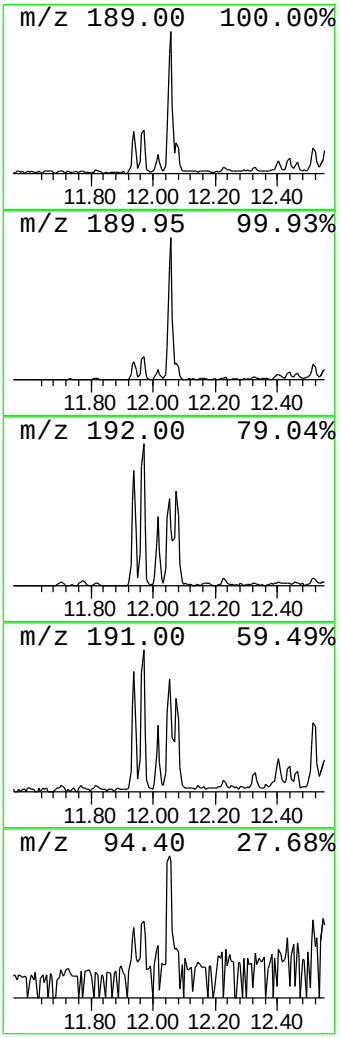
****

Peak Number 5 Benzaldehyde, 3,5-dichloro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	2.40 ng	152201	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	38
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	38





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.67	6.67	15.6	ng	727010	1	6.90	930234	20.0
2-Cyclopropen-1-o...	11.50	2.1	ng	132444	4	11.43	1266080	20.0
Anthracene, 2-met...	11.96	2.0	ng	128366	4	11.43	1266080	20.0
Benzaldehyde, 3,5...	12.05	2.4	ng	152201	4	11.43	1266080	20.0