LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118722.D
Acq On : 27 Jan 2020 16:41
Operator : CG/JU
Sample : L1263-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTY-SB-0203-0-11

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-BF012020.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	2.152	5	11	19	rVB	769749	1009199	28.12%	2.101%
2	5.475	572	576	580	rBV	2905941	2856148	79.57%	5.947%
3	6.481	743	747	753	rBV	2859513	2930970	81.66%	6.103%
4	6.863	807	812	815	rBV	1996694	1862545	51.89%	3.878%
5	7.016	834	838	842	rVB	2991504	2532715	70.56%	5.273%
6	7.416	901	906	909	rBV	2183419	1849536	51.53%	3.851%
7	8.140	1025	1029	1032	rBV	2543054	2409064	67.12%	5.016%
8	8.851	1144	1150	1154	rVB	146484	133692	3.72%	0.278%
9	8.951	1163	1167	1170	rBV	106887	87313	2.43%	0.182%
10	9.216	1208	1212	1215	rBV	4529268	3589424	100.00%	7.474%
11	9.316	1223	1229	1231	rBV2	72949	105685	2.94%	0.220%
12	9.481	1253	1257	1260	rBV2	49577	71670	2.00%	0.149%
13	9.557	1264	1270	1272	rBV	88345	101249	2.82%	0.211%
14	9.604	1276	1278	1284	rVB	426977	362932	10.11%	0.756%
15	9.757	1301	1304	1309	rBV	62966	80835	2.25%	0.168%
16	9.898	1321	1328	1331	rBV	2906988	2587437	72.09%	5.387%
17	9.928	1331	1333	1336	rVB	287802	212417	5.92%	0.442%
18	10.098	1358	1362	1365	rBV	244804	202692	5.65%	0.422%
19	10.304	1393	1397	1399	rBV3	44852	59361	1.65%	0.124%
20	10.328	1399	1401	1403	rVB2	62674	53722	1.50%	0.112%
21	10.439	1417	1420	1424	rBV	307141	260887	7.27%	0.543%
22	10.598	1445	1447	1451	rVB	82919	71690	2.00%	0.149%
23	10.681	1457	1461	1465	rBV	2301331	2002253	55.78%	4.169%
24	10.804	1479	1482	1490	rVB4	105328	177326	4.94%	0.369%
25	10.992	1511	1514	1516	rVB2	57706	55066	1.53%	0.115%
26	11.180	1544	1546	1550	rVB3	50990	50362	1.40%	0.105%
27	11.251	1551	1558	1560	rBV4	95824	148627	4.14%	0.309%
28	11.275	1560	1562	1568	rVB2	159559	169295	4.72%	0.352%
29	11.380	1576	1580	1582	rBV	2470024	2234247	62.25%	4.652%
30	11.404	1582	1584	1587	rVV	1966920	1528194	42.57%	3.182%
31	11.451	1587	1592	1596	rVV	487301	495901	13.82%	1.033%
32	11.486	1596	1598	1602	rVV2	51599	56078	1.56%	0.117%
33	11.604	1614	1618	1621	rBV	158193	168301	4.69%	0.350%
34	11.675	1628	1630	1633	rBV	84309	67140	1.87%	0.140%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118722.D
Acq On : 27 Jan 2020 16:41
Operator : CG/JU
Sample : L1263-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTY-SB-0203-0-11

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-BF012020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.710	1634	1636	1642	rVB3	49895	44244	1.23%	0.092%
36	11.880	1662	1665	1667	rBV	223870	182708	5.09%	0.380%
37	11.910	1667	1670	1673	rVV2	413735	416879	11.61%	0.868%
38	11.957	1675	1678	1680	rVV	98825	95720	2.67%	0.199%
39	11.992	1680	1684	1686	rVV	344706	368387	10.26%	0.767%
40	12.016	1686	1688	1692	rVB	165085	133187	3.71%	0.277%
41	12.080	1697	1699	1702	rVV	75248	61540	1.71%	0.128%
42	12.175	1712	1715	1717	rBV	156553	122741	3.42%	0.256%
43	12.327	1739	1741	1743	rVB2	70103	54706	1.52%	0.114%
44	12.357	1744	1746	1748	rBV2	63092	64042	1.78%	0.133%
45	12.427	1756	1758	1761	rBV	153229	150639	4.20%	0.314%
46	12.469	1762	1765	1770	rVB2	140498	178088	4.96%	0.371%
47	12.516	1770	1773	1777	rBV3	88583	110743	3.09%	0.231%
48	12.592	1782	1786	1789	rBV	1978695	1661421	46.29%	3.459%
49	12.686	1800	1802	1804	rBV3	68938	59850	1.67%	0.125%
50	12.822	1819	1825	1828	rBV	1668403	1743884	48.58%	3.631%
51	12.869	1831	1833	1838	rVB2	99531	138469	3.86%	0.288%
52	12.963	1845	1849	1856	rVB	3105467	2834642	78.97%	5.902%
53	13.033	1859	1861	1865	rBV3	111126	145513	4.05%	0.303%
54	13.145	1878	1880	1883	rVB	249221	222828	6.21%	0.464%
55	13.216	1889	1892	1894	rVB	160542	138766	3.87%	0.289%
56	13.251	1895	1898	1901	rVV2	173818	165273	4.60%	0.344%
57	13.374	1917	1919	1922	rBV	116087	88494	2.47%	0.184%
58	13.857	1999	2001	2008	rVB2	344246	394369	10.99%	0.821%
59	14.016	2023	2028	2031	rBV2	2111028	2731418	76.10%	5.687%
60	14.039	2031	2032	2038	rVB	752132	607662	16.93%	1.265%
61	15.057	2201	2205	2214	rVB	732555	1393987	38.84%	2.902%
62	15.363	2253	2257	2262	rVB	466386	655613	18.27%	1.365%
63	15.421	2263	2267	2271	rBV	552857	694718	19.35%	1.446%
64	15.486	2274	2278	2281	rBV	1491409	1783099	49.68%	3.713%

Sum of corrected areas: 48027603

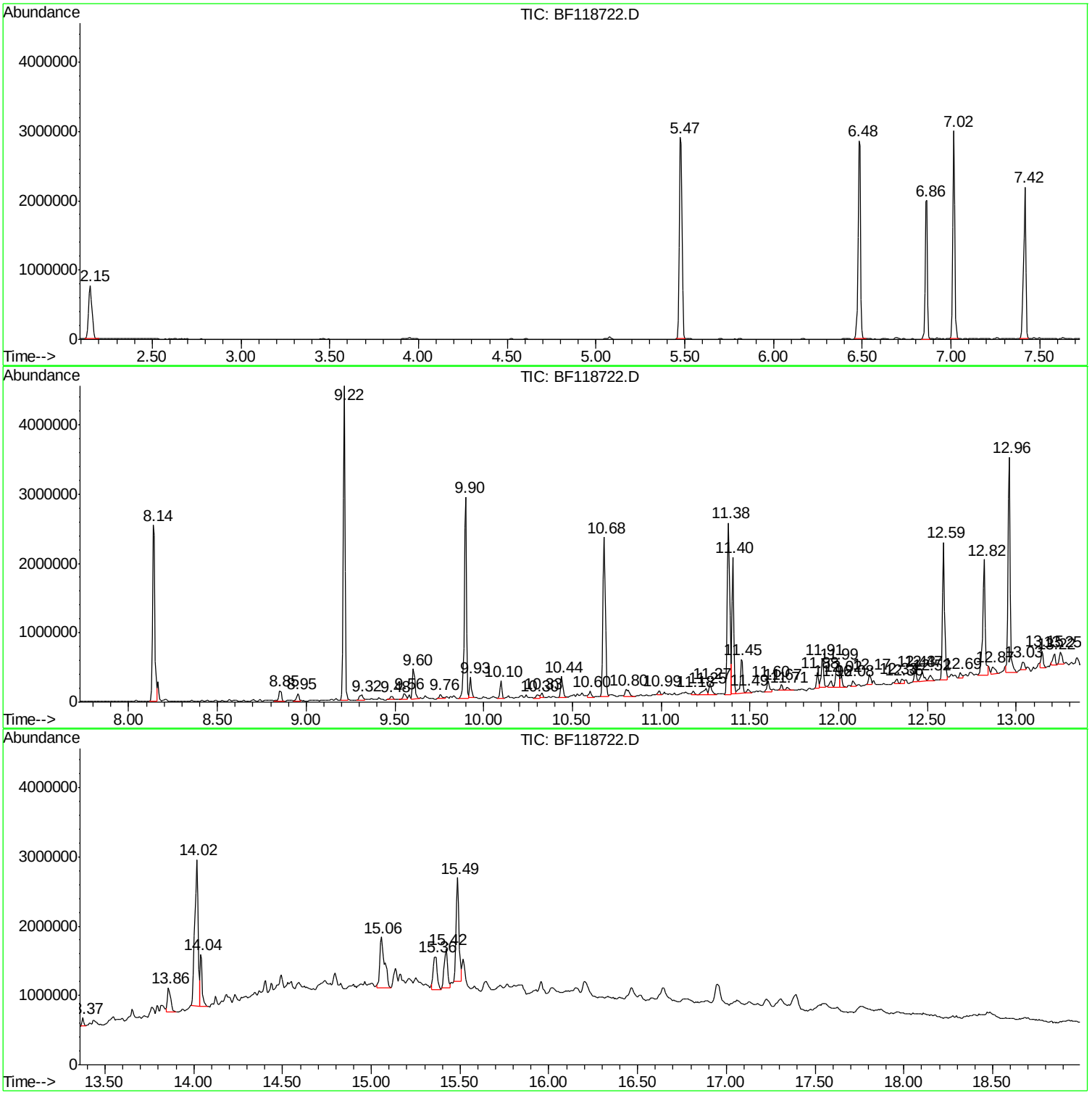
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118722.D
Acq On : 27 Jan 2020 16:41
Operator : CG/JU
Sample : L1263-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CTY-SB-0203-0-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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\BF012720\
Data File : BF118722.D
Acq On : 27 Jan 2020 16:41
Operator : CG/JU
Sample : L1263-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTY-SB-0203-0-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

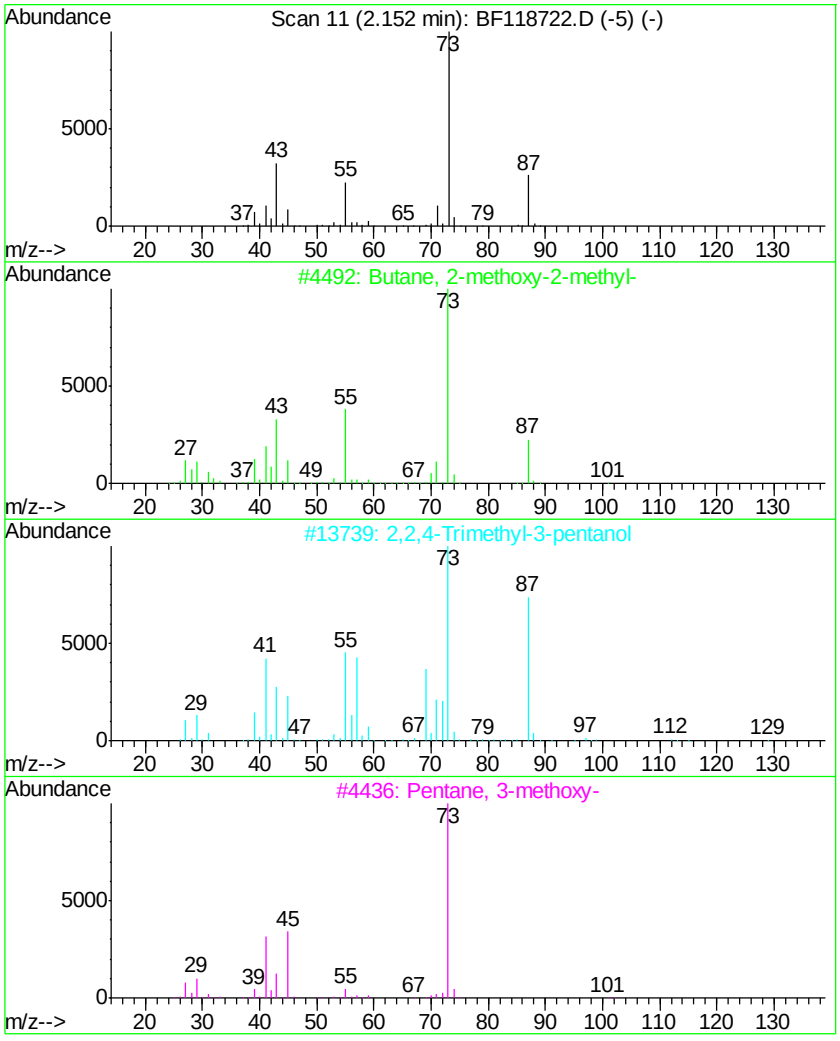
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

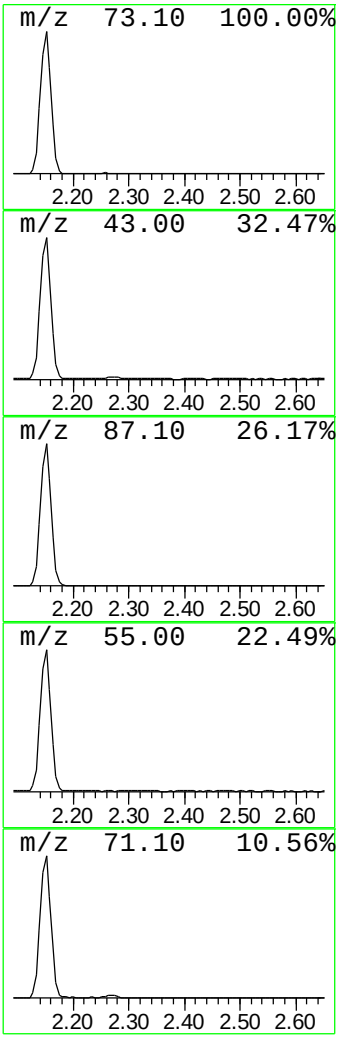
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	10.84 ng	1009200	1,4-Dichlorobenzene-d4	6.86

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	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118722.D
Acq On : 27 Jan 2020 16:41
Operator : CG/JU
Sample : L1263-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTY-SB-0203-0-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

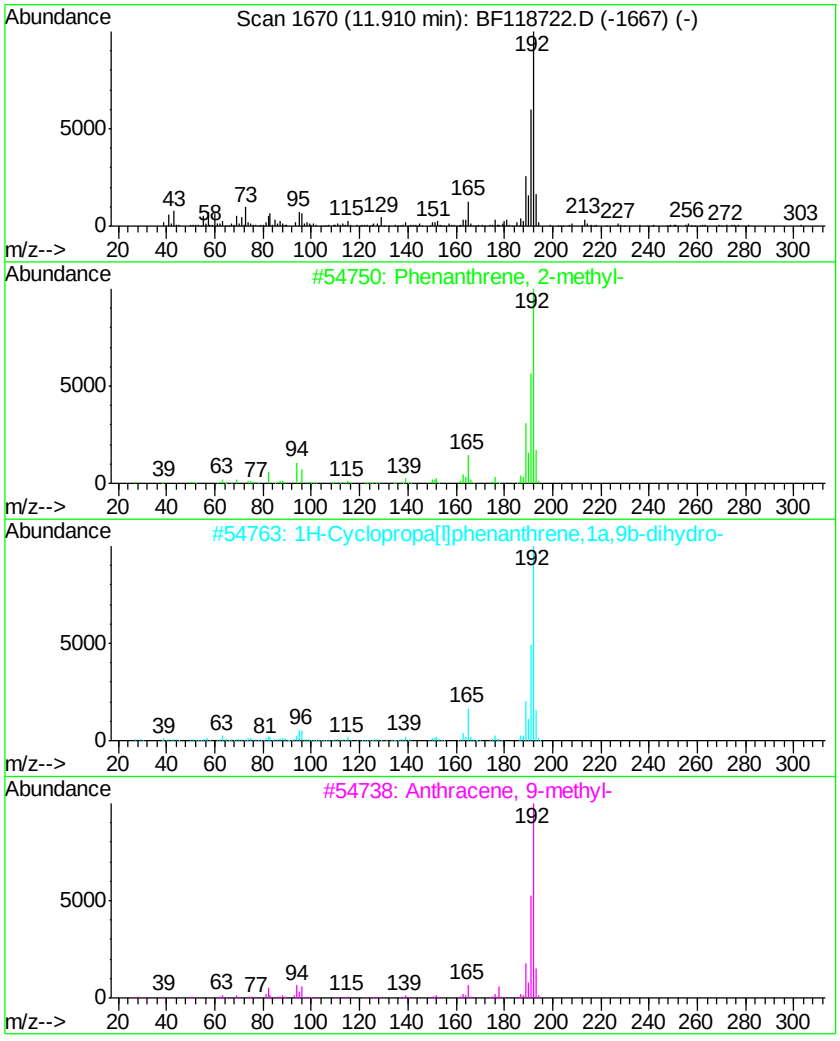
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

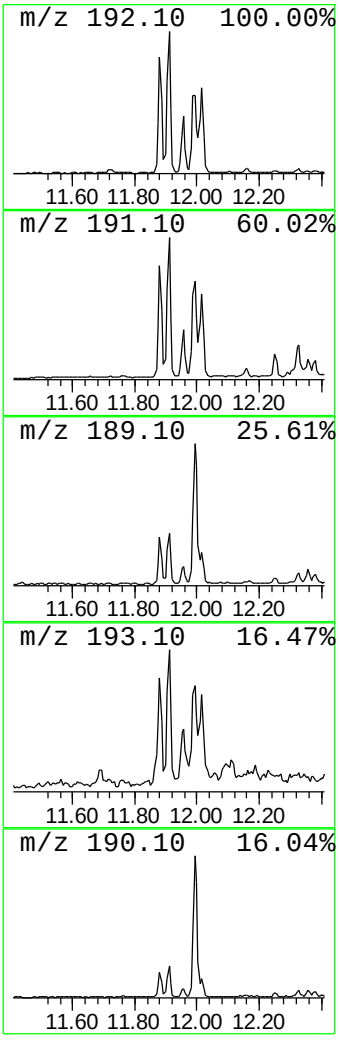
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	3.73 ng	416879	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118722.D
Acq On : 27 Jan 2020 16:41
Operator : CG/JU
Sample : L1263-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTY-SB-0203-0-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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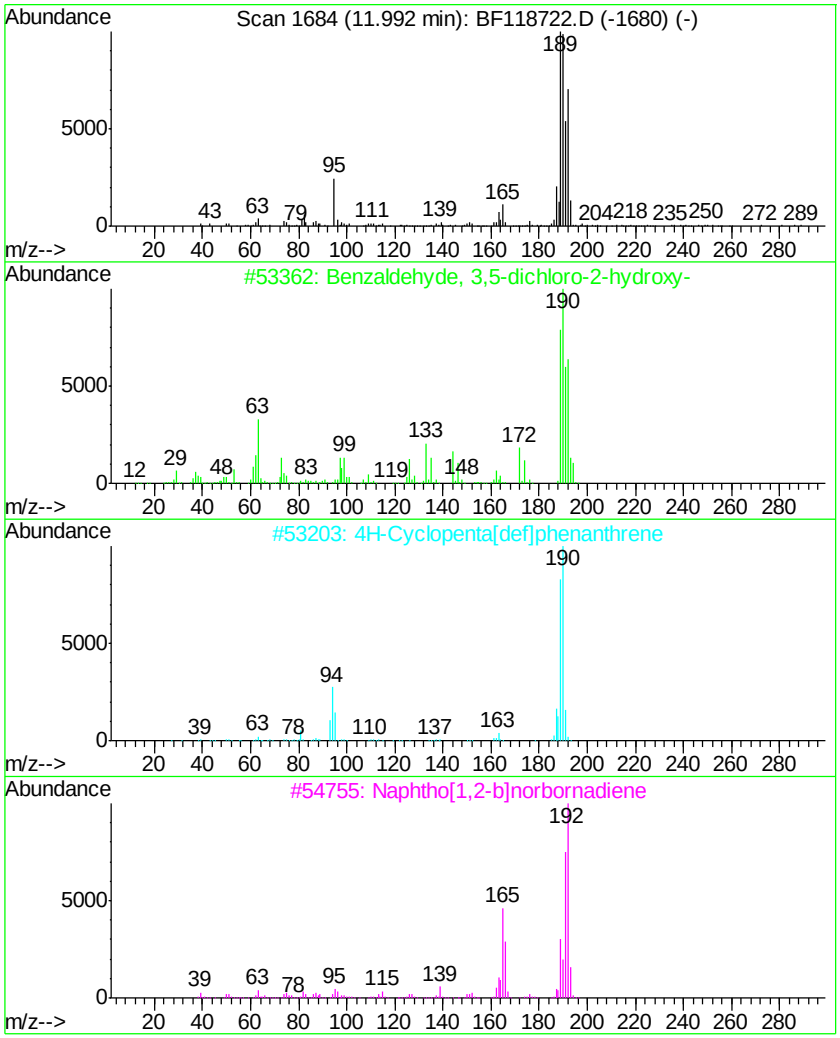
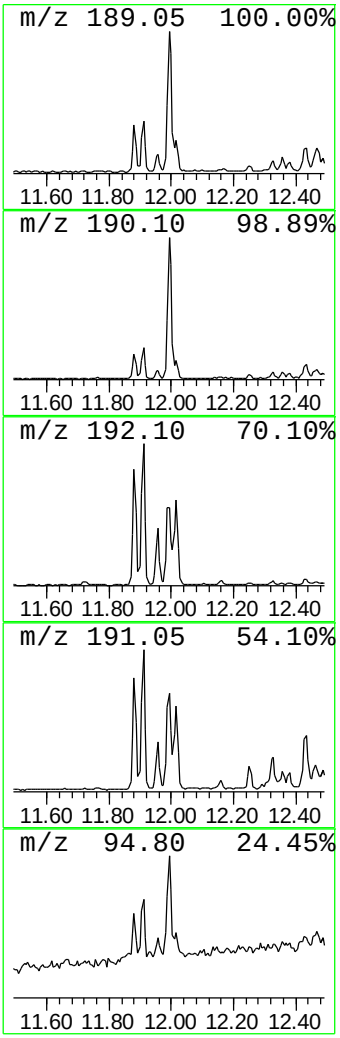
Peak Number 4 Benzaldehyde, 3,5-dichloro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	3.30 ng	368387	Phenanthrene-d10	11.38

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	64
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	42
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118722.D
Acq On : 27 Jan 2020 16:41
Operator : CG/JU
Sample : L1263-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTY-SB-0203-0-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

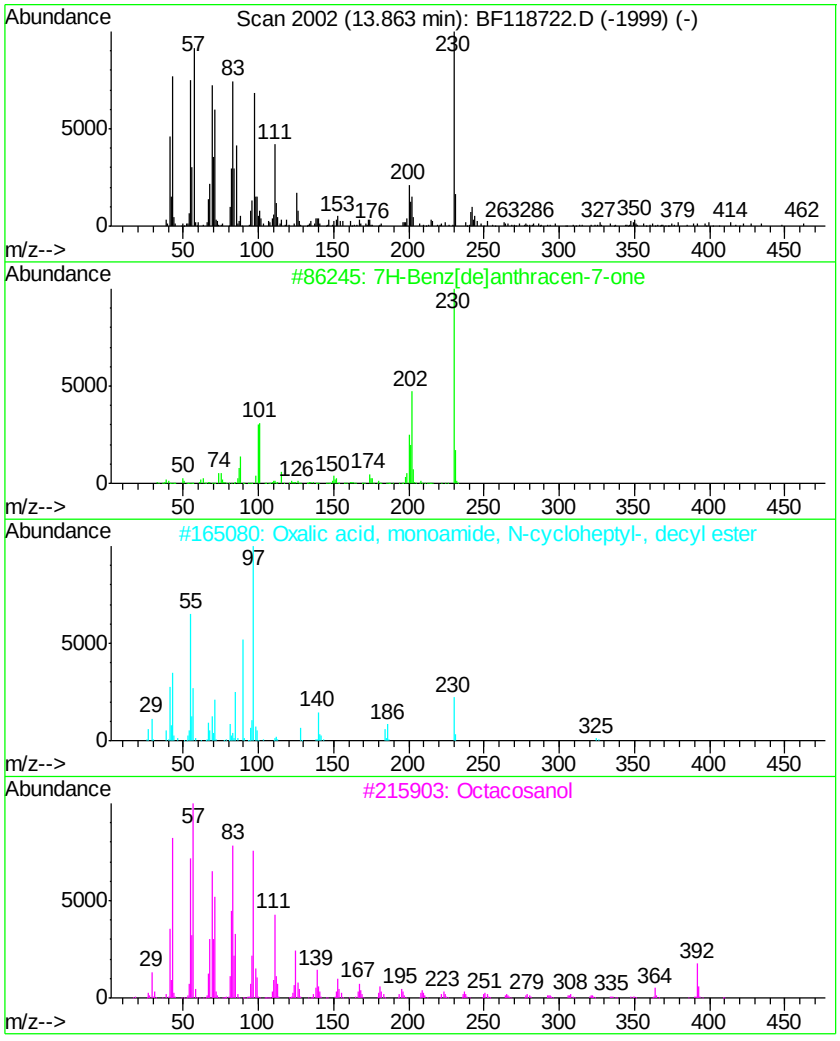
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

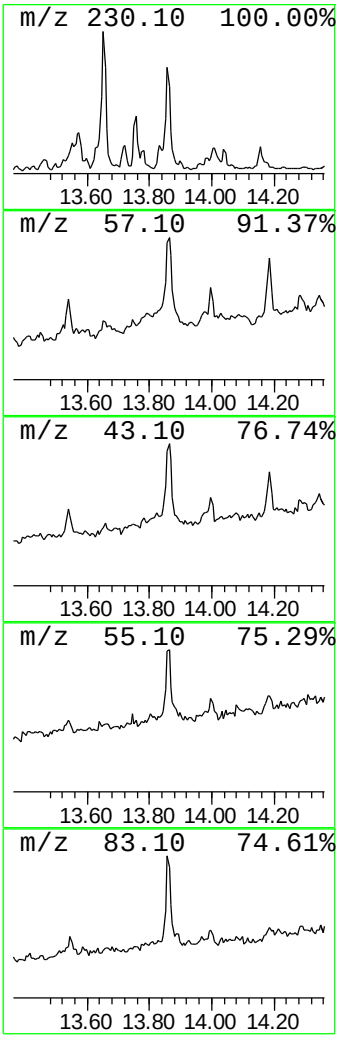
****

Peak Number 5 unknown13.86 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	2.89 ng	394369	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	42
2	Oxalic acid, monoamide, N-cycloh...	325	C19H35NO3	1000309-48-8	38
3	Octacosanol	410	C28H58O	000557-61-9	38
4	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	30
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118722.D
Acq On : 27 Jan 2020 16:41
Operator : CG/JU
Sample : L1263-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTY-SB-0203-0-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

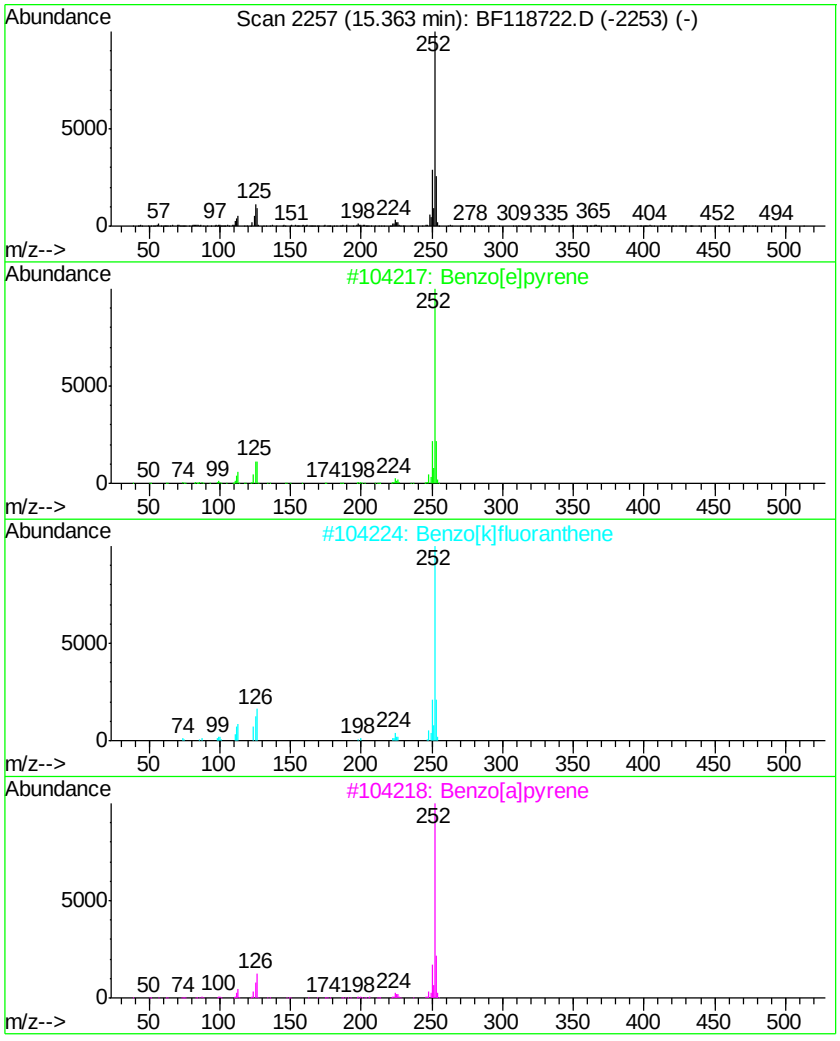
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

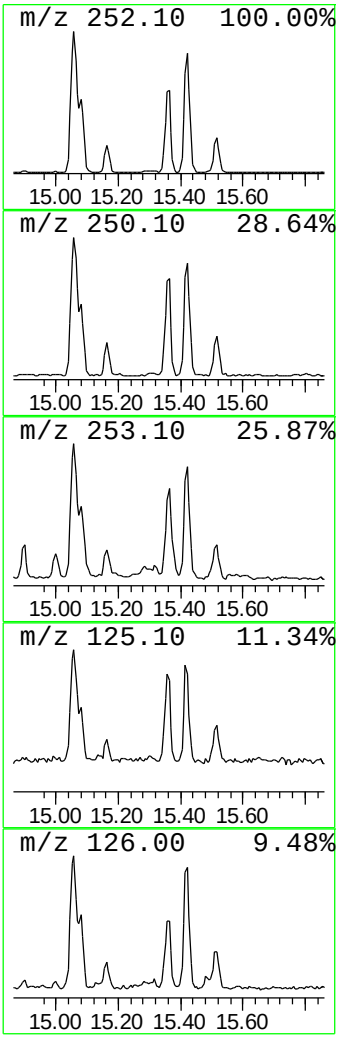
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	7.35 ng	655613	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Perylene	252	C20H12	000198-55-0	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012720\
Data File : BF118722.D
Acq On : 27 Jan 2020 16:41
Operator : CG/JU
Sample : L1263-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTY-SB-0203-0-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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...	2.15	10.8	ng	1009200	1	6.86	1862550	20.0
Phenanthrene, 2-m...	11.91	3.7	ng	416879	4	11.38	2234250	20.0
Benzaldehyde, 3,5...	11.99	3.3	ng	368387	4	11.38	2234250	20.0
unknown13.86	13.86	2.9	ng	394369	5	14.02	2731420	20.0
Benzo[e]pyrene	15.36	7.3	ng	655613	6	15.49	1783100	20.0