LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103327.D
Acq On : 1 Mar 2018 11:02
Operator : SJ/JU
Sample : J1710-07 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-215

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:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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	5.093	508	511	517	rBV	16265	21187	1.55%	0.114%
2	5.493	576	579	600	rBV	631477	769404	56.27%	4.124%
3	6.504	748	751	767	rBV	591498	776473	56.79%	4.162%
4	6.640	771	774	782	rBV	792456	793945	58.07%	4.256%
5	6.869	810	813	829	rVB	1019101	972166	71.10%	5.211%
6	7.028	836	840	849	rBV	664549	601365	43.98%	3.224%
7	7.434	906	909	922	rBV	406241	511082	37.38%	2.740%
8	8.157	1028	1032	1051	rBV	1386083	1367289	100.00%	7.329%
9	8.875	1149	1154	1160	rBV	19193	24213	1.77%	0.130%
10	8.975	1166	1171	1175	rBV	18276	20068	1.47%	0.108%
11	9.228	1210	1214	1224	rBV	792278	742848	54.33%	3.982%
12	9.569	1267	1272	1275	rBV4	25172	29024	2.12%	0.156%
13	9.622	1279	1281	1286	rVB	46465	51764	3.79%	0.277%
14	9.686	1289	1292	1294	rBV4	13789	14633	1.07%	0.078%
15	9.775	1302	1307	1310	rBV	15177	16635	1.22%	0.089%
16	9.828	1314	1316	1319	rBV	33472	27277	1.99%	0.146%
17	9.916	1327	1331	1334	rBV	1214131	1256019	91.86%	6.733%
18	9.945	1334	1336	1343	rVB	160554	147594	10.79%	0.791%
19	10.063	1352	1356	1362	rBV5	11111	19321	1.41%	0.104%
20	10.122	1362	1366	1369	rBV2	52365	59496	4.35%	0.319%
21	10.151	1369	1371	1375	rVB3	22555	21335	1.56%	0.114%
22	10.257	1387	1389	1394	rVB3	12273	14177	1.04%	0.076%
23	10.328	1394	1401	1408	rBV2	50703	77748	5.69%	0.417%
24	10.463	1420	1424	1430	rVB2	107853	107170	7.84%	0.574%
25	10.545	1436	1438	1441	rVB2	28629	25949	1.90%	0.139%
26	10.598	1445	1447	1449	rVV2	17246	17382	1.27%	0.093%
27	10.622	1449	1451	1454	rVB2	25372	23722	1.73%	0.127%
28	10.704	1461	1465	1472	rBV2	423504	460093	33.65%	2.466%
29	10.798	1478	1481	1491	rVB3	36270	65505	4.79%	0.351%
30	11.010	1511	1517	1520	rBV5	36206	56988	4.17%	0.305%
31	11.092	1529	1531	1533	rVB2	20185	15350	1.12%	0.082%
32	11.139	1533	1539	1541	rBV7	26500	45879	3.36%	0.246%
33	11.157	1541	1542	1546	rVV3	26615	21972	1.61%	0.118%
34	11.216	1548	1552	1554	rVB	27670	27418	2.01%	0.147%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103327.D
Acq On : 1 Mar 2018 11:02
Operator : SJ/JU
Sample : J1710-07 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-215

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:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.251	1554	1558	1561	rBV3	60234	63955	4.68%	0.343%
36	11.298	1564	1566	1571	rVB	53281	54636	4.00%	0.293%
37	11.404	1580	1584	1586	rBV	1290377	1181833	86.44%	6.335%
38	11.427	1586	1588	1593	rVV	938560	800563	58.55%	4.291%
39	11.480	1594	1597	1600	rVV	230445	208430	15.24%	1.117%
40	11.522	1602	1604	1608	rVB	34756	34833	2.55%	0.187%
41	11.639	1619	1624	1628	rBV2	89811	112730	8.24%	0.604%
42	11.674	1628	1630	1632	rVB	21289	16454	1.20%	0.088%
43	11.745	1639	1642	1646	rVB6	12777	16117	1.18%	0.086%
44	11.910	1666	1670	1672	rBV2	116523	141170	10.32%	0.757%
45	11.933	1672	1674	1680	rVV2	148445	159858	11.69%	0.857%
46	11.980	1680	1682	1685	rVV	61432	62984	4.61%	0.338%
47	12.022	1685	1689	1691	rVV	170591	188557	13.79%	1.011%
48	12.039	1691	1692	1698	rVB	75994	60995	4.46%	0.327%
49	12.086	1698	1700	1703	rBV2	39268	35679	2.61%	0.191%
50	12.163	1711	1713	1716	rBV3	18162	14538	1.06%	0.078%
51	12.198	1716	1719	1723	rVV	57663	58716	4.29%	0.315%
52	12.239	1723	1726	1730	rVB	45276	44271	3.24%	0.237%
53	12.351	1742	1745	1747	rVB2	21653	19332	1.41%	0.104%
54	12.380	1748	1750	1752	rVB2	26591	16910	1.24%	0.091%
55	12.404	1752	1754	1756	rVB2	20388	15438	1.13%	0.083%
56	12.457	1759	1763	1765	rBV	65635	72497	5.30%	0.389%
57	12.551	1775	1779	1782	rBV3	39250	47797	3.50%	0.256%
58	12.621	1787	1791	1795	rBV	933045	793986	58.07%	4.256%
59	12.686	1799	1802	1803	rBV	22983	21202	1.55%	0.114%
60	12.774	1814	1817	1819	rVB2	35415	29489	2.16%	0.158%
61	12.798	1819	1821	1824	rVB4	15939	15438	1.13%	0.083%
62	12.851	1824	1830	1836	rBV	727273	827073	60.49%	4.433%
63	12.898	1836	1838	1842	rVB2	43192	49340	3.61%	0.264%
64	12.986	1848	1853	1856	rBV	594613	547698	40.06%	2.936%
65	13.016	1856	1858	1863	rVB	41842	39373	2.88%	0.211%
66	13.069	1863	1867	1872	rBV3	46391	87703	6.41%	0.470%
67	13.110	1872	1874	1878	rBV3	13013	16775	1.23%	0.090%
68	13.180	1883	1886	1888	rVV	90667	82159	6.01%	0.440%
69	13.204	1888	1890	1894	rVB2	26189	17961	1.31%	0.096%
70	13.245	1894	1897	1900	rBV	75429	65892	4.82%	0.353%
71	13.286	1900	1904	1907	rBV2	58097	73316	5.36%	0.393%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103327.D
Acq On : 1 Mar 2018 11:02
Operator : SJ/JU
Sample : J1710-07 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-215

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:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.339	1911	1913	1915	rVB3	19741	15011	1.10%	0.080%
73	13.380	1917	1920	1922	rBV	32872	31281	2.29%	0.168%
74	13.410	1922	1925	1928	rBV2	38233	44249	3.24%	0.237%
75	13.545	1945	1948	1950	rBV2	24289	24669	1.80%	0.132%
76	13.692	1970	1973	1977	rBV	44824	46016	3.37%	0.247%
77	13.804	1987	1992	1994	rBV	60156	78626	5.75%	0.421%
78	13.827	1994	1996	1998	rVV	58185	58738	4.30%	0.315%
79	13.868	2001	2003	2007	rVV2	93445	109781	8.03%	0.588%
80	13.904	2007	2009	2012	rVB	46724	45938	3.36%	0.246%
81	14.051	2029	2034	2037	rBV2	775356	951926	69.62%	5.103%
82	14.080	2037	2039	2046	rVB	236671	215731	15.78%	1.156%
83	14.163	2050	2053	2055	rBV	49848	43738	3.20%	0.234%
84	14.445	2099	2101	2105	rVB	46810	36735	2.69%	0.197%
85	14.480	2105	2107	2109	rBV2	28298	27987	2.05%	0.150%
86	14.498	2109	2110	2116	rVB5	37850	53583	3.92%	0.287%
87	15.115	2211	2215	2218	rBV	181216	275633	20.16%	1.477%
88	15.427	2264	2268	2274	rVB	109512	144902	10.60%	0.777%
89	15.492	2275	2279	2284	rBV	150287	199268	14.57%	1.068%
90	15.551	2285	2289	2294	rBV	499550	658848	48.19%	3.532%
91	15.980	2358	2362	2366	rBV	75210	111680	8.17%	0.599%
92	17.074	2545	2548	2559	rVB4	86656	183120	13.39%	0.982%

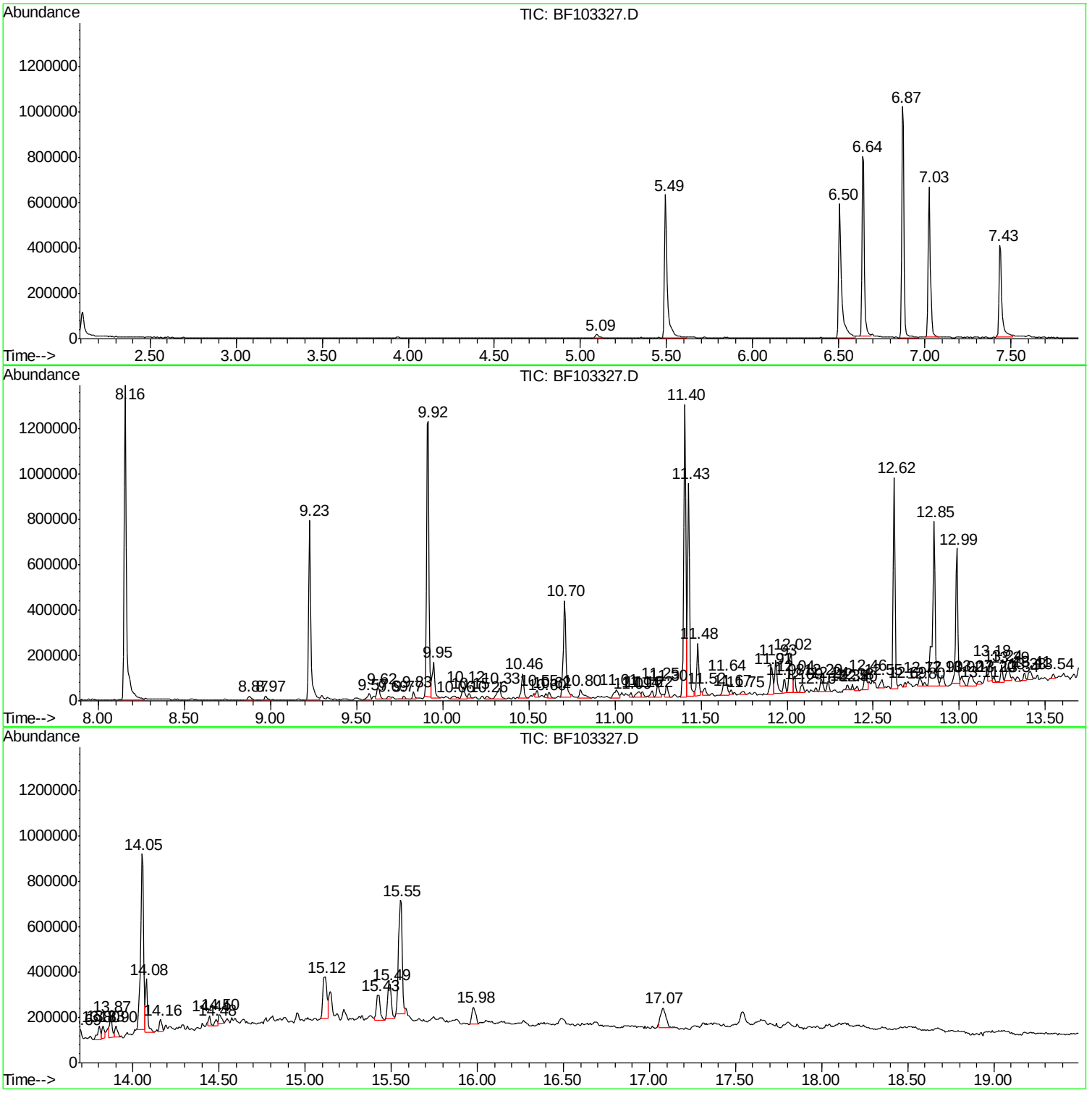
Sum of corrected areas: 18655649

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103327.D
Acq On : 1 Mar 2018 11:02
Operator : SJ/JU
Sample : J1710-07 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-215

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103327.D
Acq On : 1 Mar 2018 11:02
Operator : SJ/JU
Sample : J1710-07 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-215

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

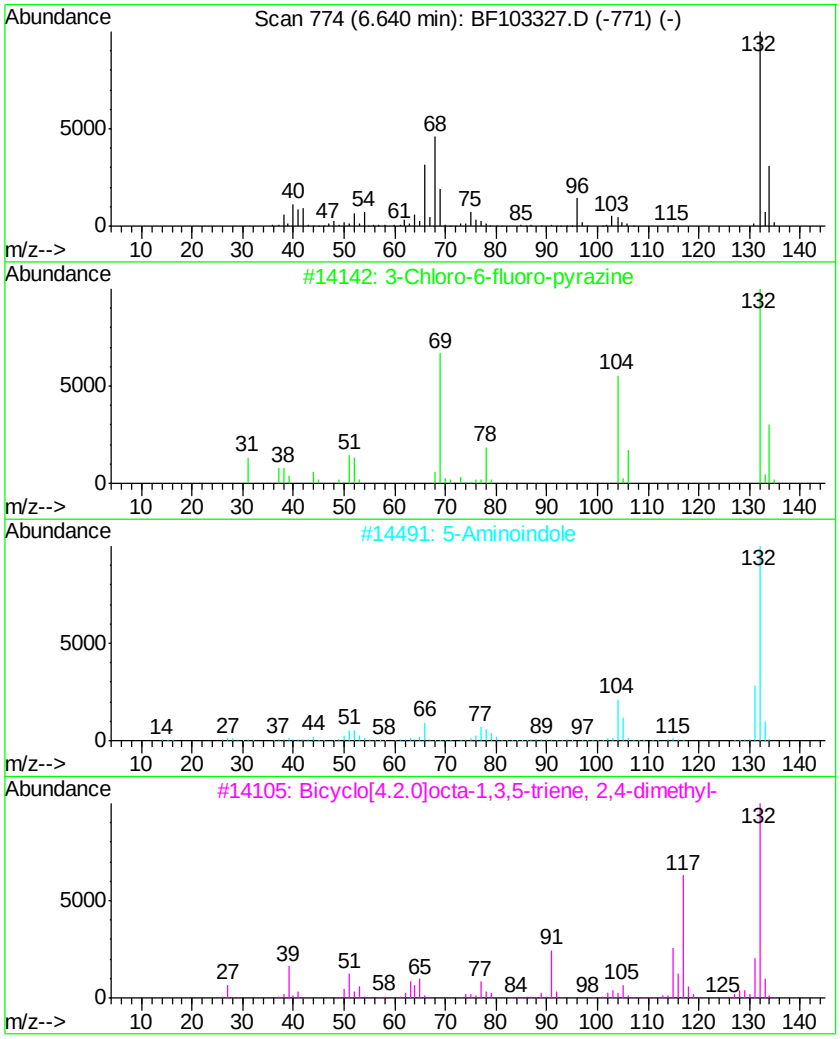
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

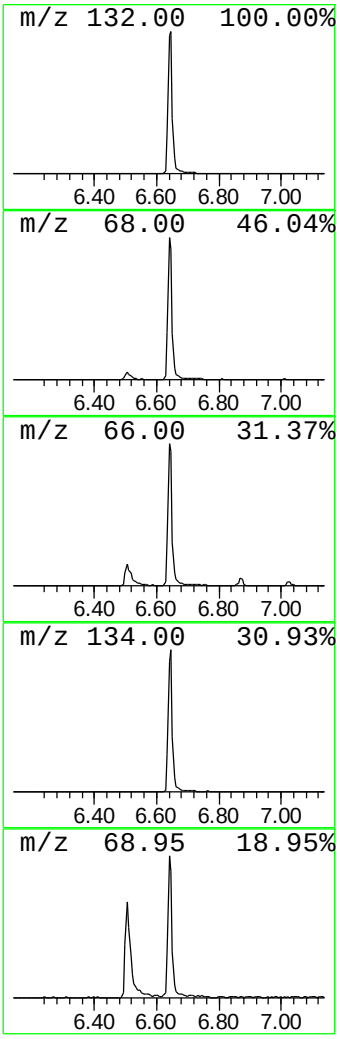
****

Peak Number 1 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	16.33 ng	793945	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103327.D
Acq On : 1 Mar 2018 11:02
Operator : SJ/JU
Sample : J1710-07 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-215

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

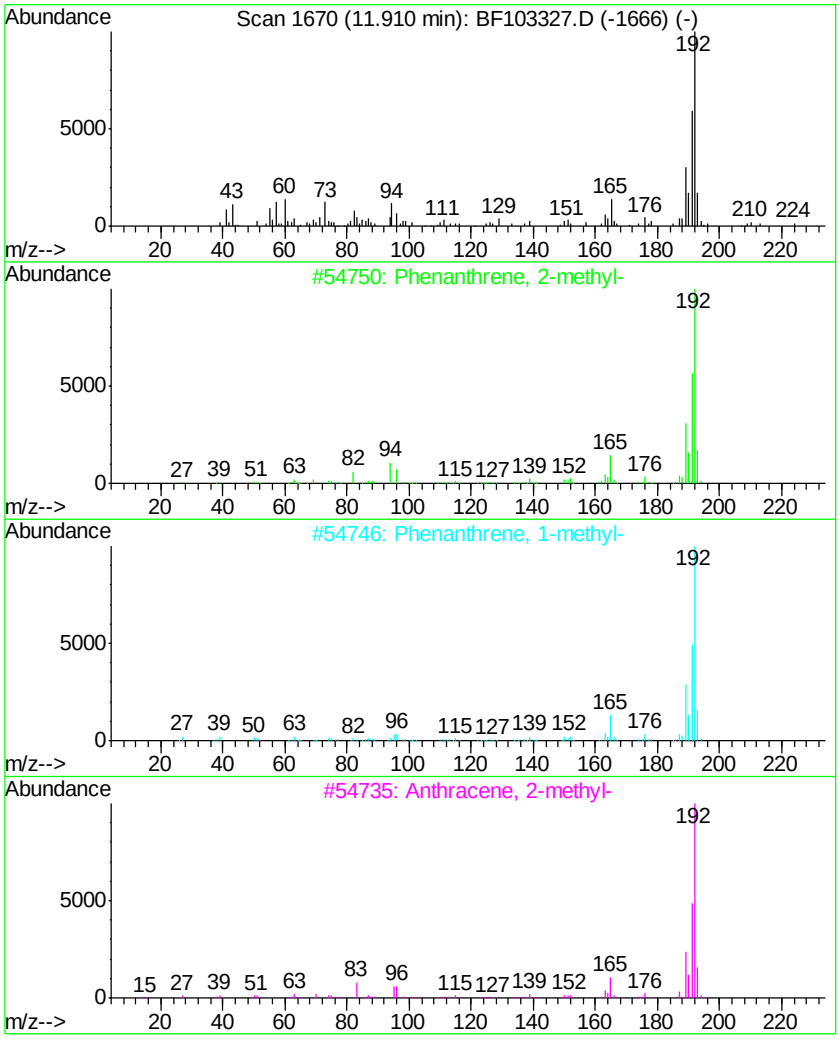
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

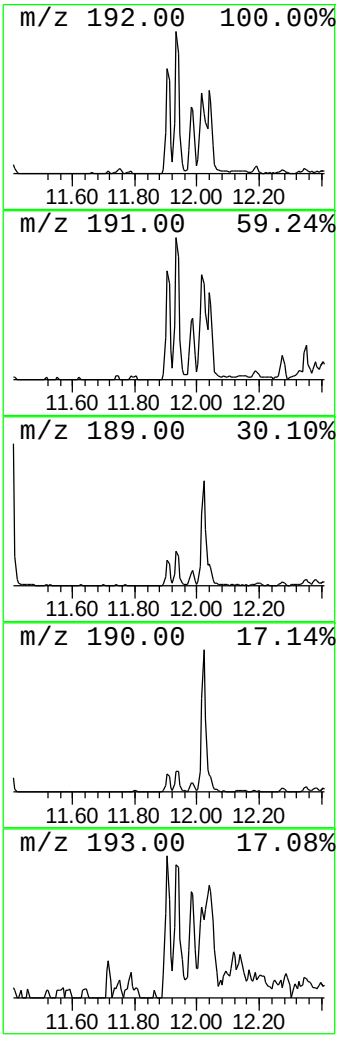
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	2.39 ng	141170	Phenanthrene-d10	11.40

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	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	92





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103327.D
Acq On : 1 Mar 2018 11:02
Operator : SJ/JU
Sample : J1710-07 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-215

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

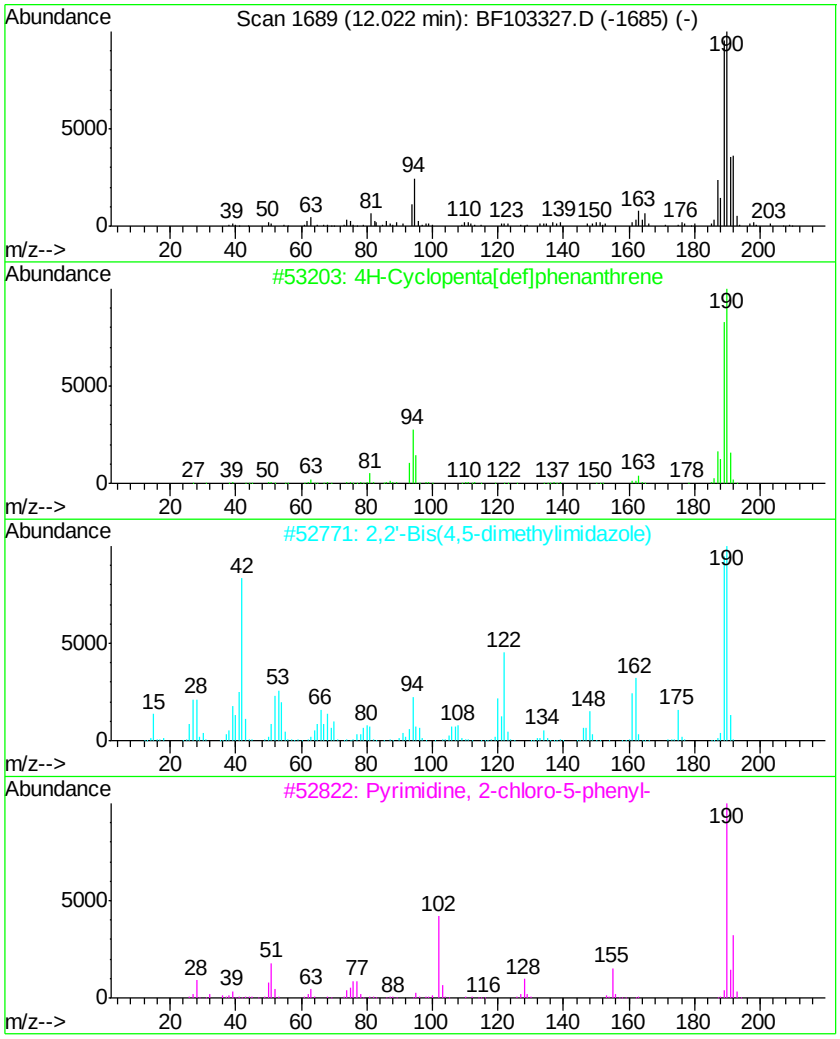
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

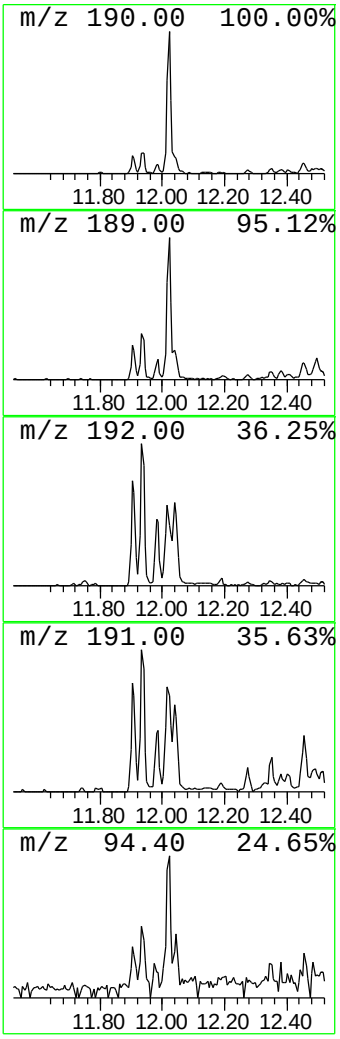
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	3.19 ng	188557	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
3	Pyrimidine, 2-chloro-5-phenyl-	190	C10H7ClN2	022536-62-5	35
4	Megastigmatrienone	190	C13H18O	038818-55-2	25
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103327.D
Acq On : 1 Mar 2018 11:02
Operator : SJ/JU
Sample : J1710-07 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-215

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

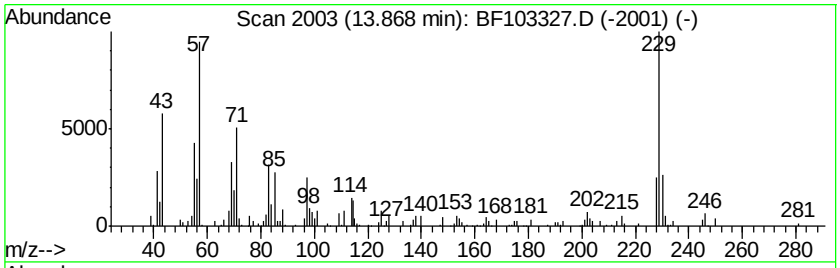
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

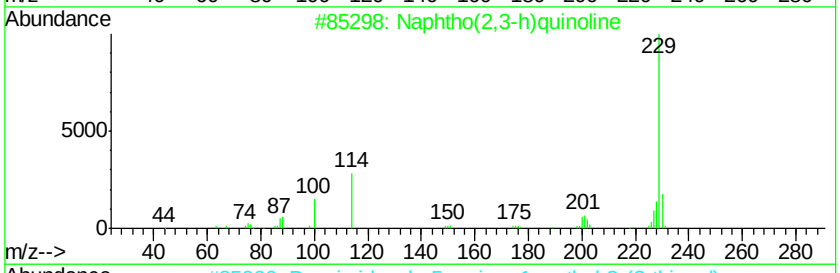
****

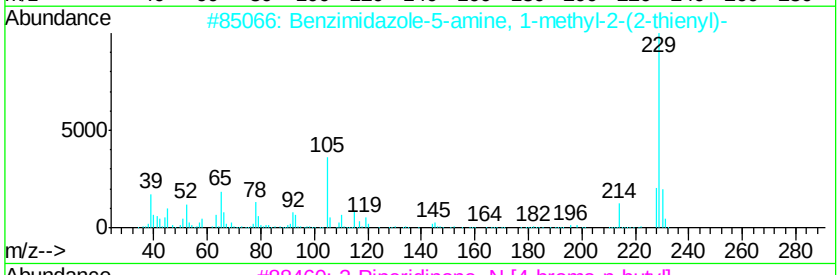
Peak Number 6 unknown13.87 Concentration Rank 8

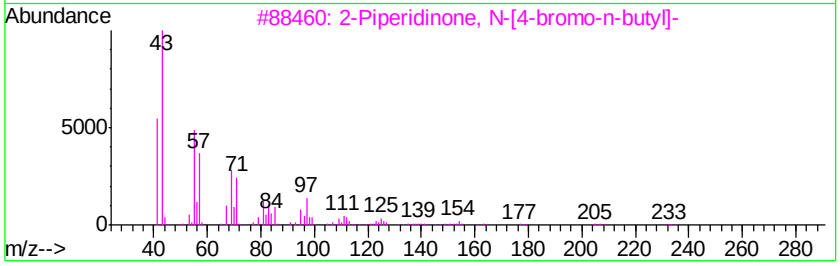
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	2.31 ng	109781	Chrysene-d12	14.06

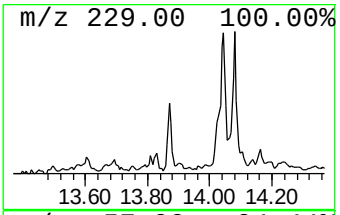
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	46
2	Benzimidazole-5-amine, 1-methyl-...	229	C12H11N3S	021444-73-5	43
3	2-Piperidinone, N-[4-bromo-n-but...	233	C9H16BrNO	195194-80-0	35
4	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	30
5	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	30

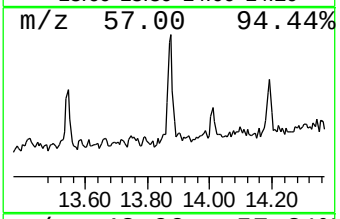


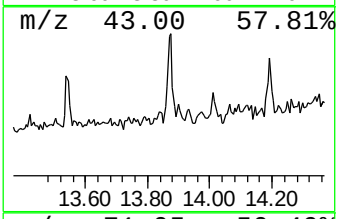


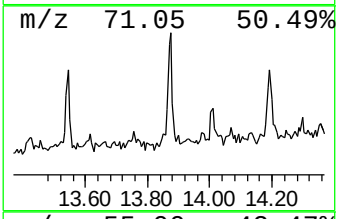


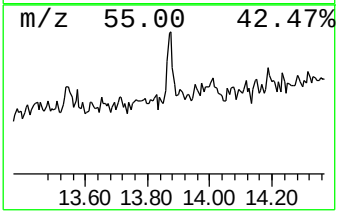












Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103327.D
Acq On : 1 Mar 2018 11:02
Operator : SJ/JU
Sample : J1710-07 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-215

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

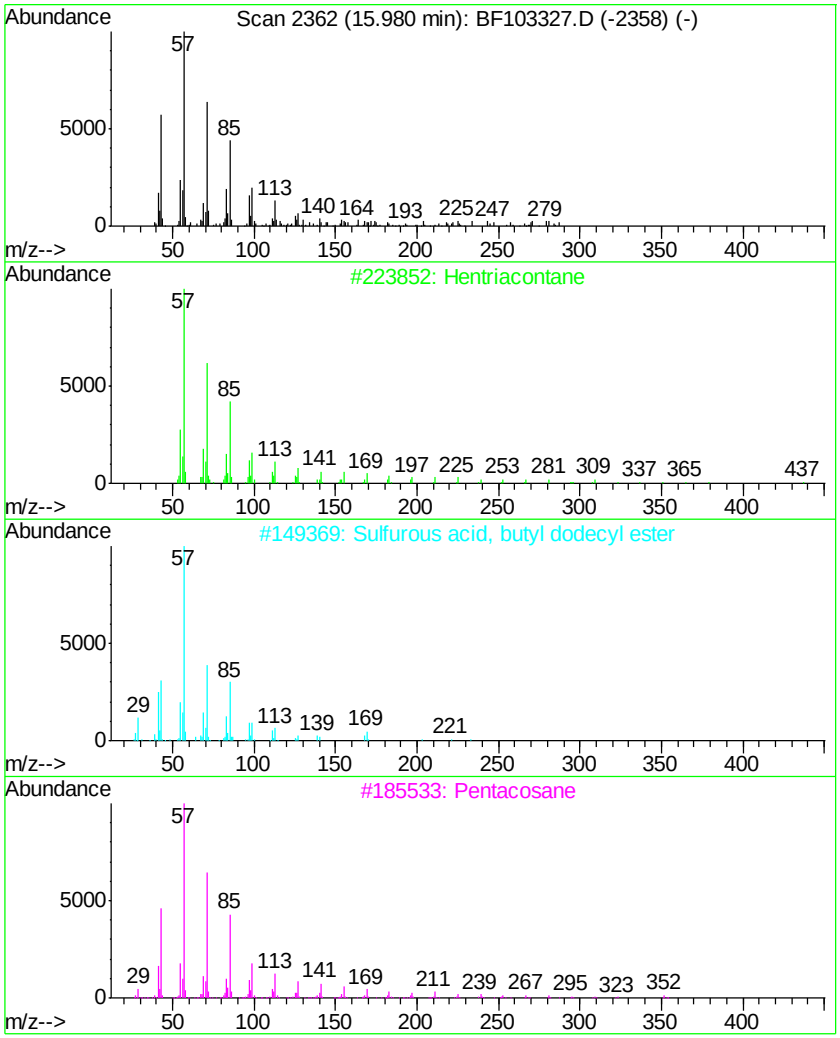
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

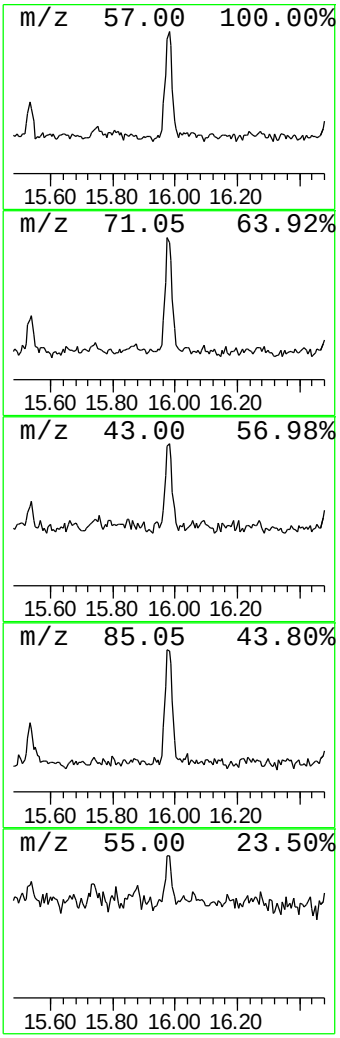
****

Peak Number 8 Hentriacontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	3.39 ng	111680	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	90
2	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	90
3	Pentacosane	352	C25H52	000629-99-2	86
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
5	Heneicosane	296	C21H44	000629-94-7	72





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF030118\
Data File : BF103327.D
Acq On : 1 Mar 2018 11:02
Operator : SJ/JU
Sample : J1710-07 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-215

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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
unknown6.64	6.64	16.3	ng	793945	1	6.87	972166	20.0
Phenanthrene, 2-m...	11.91	2.4	ng	141170	4	11.40	1181830	20.0
4H-Cyclopenta[def...	12.02	3.2	ng	188557	4	11.40	1181830	20.0
unknown13.87	13.87	2.3	ng	109781	5	14.06	951926	20.0
Hentriacontane	15.98	3.4	ng	111680	6	15.55	658848	20.0