LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107362.D
Acq On : 13 Jul 2018 13:03
Operator : JU/SJ
Sample : J3947-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAR-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-BF061918.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	5.160	476	480	494	rBV	84141	106067	14.16%	1.213%
2	5.572	546	550	571	rBV	671107	748978	100.00%	8.565%
3	6.572	717	720	739	rBV	635610	741990	99.07%	8.485%
4	6.707	739	743	752	rBV	839023	744403	99.39%	8.513%
5	6.925	777	780	787	rVB	339111	295507	39.45%	3.379%
6	7.083	803	807	816	rBV	640914	564522	75.37%	6.456%
7	7.495	873	877	892	rBV	465826	450670	60.17%	5.154%
8	8.213	995	999	1026	rBV	356009	374989	50.07%	4.288%
9	8.930	1119	1121	1127	rBB	9236	9556	1.28%	0.109%
10	9.283	1178	1181	1191	rBV	655878	676101	90.27%	7.732%
11	9.683	1243	1249	1259	rBV	95182	96135	12.84%	1.099%
12	9.977	1295	1299	1302	rBV	327065	332980	44.46%	3.808%
13	10.007	1302	1304	1310	rVB	60962	53618	7.16%	0.613%
14	10.183	1329	1334	1339	rBV	15331	15776	2.11%	0.180%
15	10.530	1389	1393	1399	rBV	34198	33832	4.52%	0.387%
16	10.777	1431	1435	1446	rBV	360434	402811	53.78%	4.606%
17	11.371	1532	1536	1539	rVB	8342	8088	1.08%	0.092%
18	11.471	1550	1553	1556	rBV	375898	351110	46.88%	4.015%
19	11.495	1556	1557	1564	rVB	133568	100353	13.40%	1.148%
20	11.554	1564	1567	1570	rBV	13288	11255	1.50%	0.129%
21	11.895	1622	1625	1629	rBV	8414	9550	1.28%	0.109%
22	11.977	1636	1639	1642	rBV	12198	10382	1.39%	0.119%
23	12.007	1642	1644	1647	rVB2	13291	10606	1.42%	0.121%
24	12.089	1655	1658	1664	rBV2	28359	38857	5.19%	0.444%
25	12.266	1683	1688	1693	rBV2	11842	14353	1.92%	0.164%
26	12.471	1721	1723	1727	rVB	15396	13375	1.79%	0.153%
27	12.524	1727	1732	1735	rVB3	15444	17043	2.28%	0.195%
28	12.695	1757	1761	1764	rBV	178762	150710	20.12%	1.723%
29	12.907	1793	1797	1798	rBV2	31410	31008	4.14%	0.355%
30	12.924	1798	1800	1806	rVV	125919	122785	16.39%	1.404%
31	12.971	1806	1808	1812	rVB3	8114	8461	1.13%	0.097%
32	13.054	1818	1822	1826	rBV	809258	690044	92.13%	7.891%
33	13.148	1833	1838	1842	rBV4	8094	13036	1.74%	0.149%
34	13.254	1848	1856	1860	rBV	33042	43002	5.74%	0.492%

LSC Area Percent Report

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.318	1864	1867	1870	rBV	20394	16686	2.23%	0.191%
36	13.360	1870	1874	1876	rBV2	11393	12553	1.68%	0.144%
37	13.436	1881	1887	1888	rBV2	4831	8332	1.11%	0.095%
38	13.454	1888	1890	1893	rVB	11006	8949	1.19%	0.102%
39	13.601	1912	1915	1918	rBV2	19641	16738	2.23%	0.191%
40	13.936	1968	1972	1978	rBV3	39203	58358	7.79%	0.667%
41	14.130	2000	2005	2008	rBV	518579	512138	68.38%	5.857%
42	14.154	2008	2009	2015	rVB	42202	38590	5.15%	0.441%
43	14.242	2021	2024	2029	rBV2	30282	32307	4.31%	0.369%
44	14.295	2029	2033	2035	rBV3	9357	11296	1.51%	0.129%
45	14.518	2067	2071	2074	rBV	16955	22030	2.94%	0.252%
46	14.554	2074	2077	2081	rBV	35118	32392	4.32%	0.370%
47	14.595	2081	2084	2087	rBV4	8480	12262	1.64%	0.140%
48	14.648	2091	2093	2095	rBV2	12842	12752	1.70%	0.146%
49	14.871	2127	2131	2136	rVB2	25344	28988	3.87%	0.331%
50	15.218	2185	2190	2197	rBV2	42513	76791	10.25%	0.878%
51	15.330	2206	2209	2213	rBV	10603	12782	1.71%	0.146%
52	15.536	2240	2244	2251	rVB	20854	31377	4.19%	0.359%
53	15.606	2252	2256	2261	rVV2	32621	55981	7.47%	0.640%
54	15.665	2261	2266	2280	rVV	285460	397741	53.10%	4.548%
55	16.065	2332	2334	2340	rVB3	14857	18581	2.48%	0.212%
56	16.565	2416	2419	2430	rBV3	13366	34962	4.67%	0.400%

Sum of corrected areas: 8744539

LSC Report - Integrated Chromatogram

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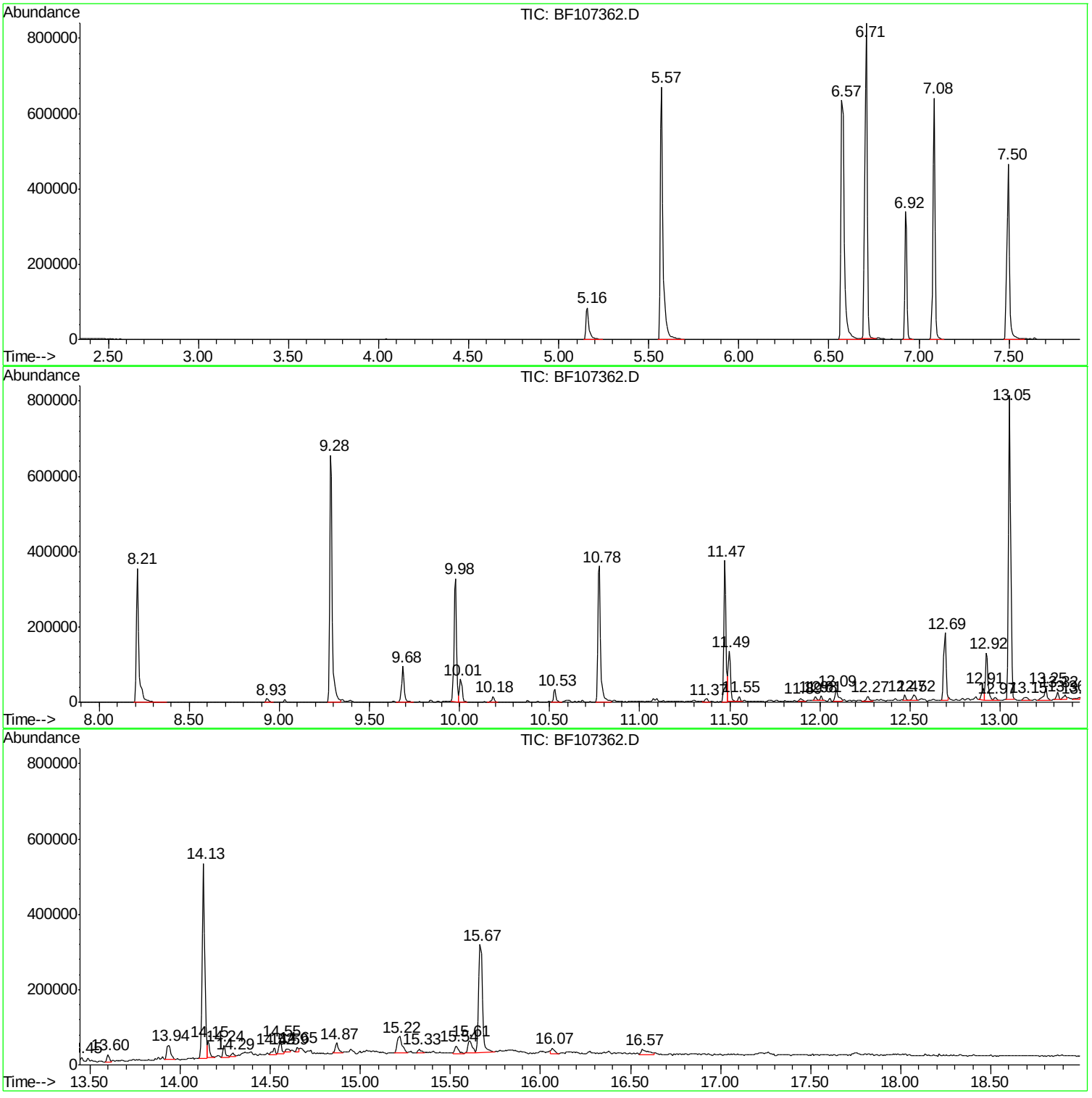
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAR-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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\BF071318\
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TIC Integration Parameters: LSCINT.P

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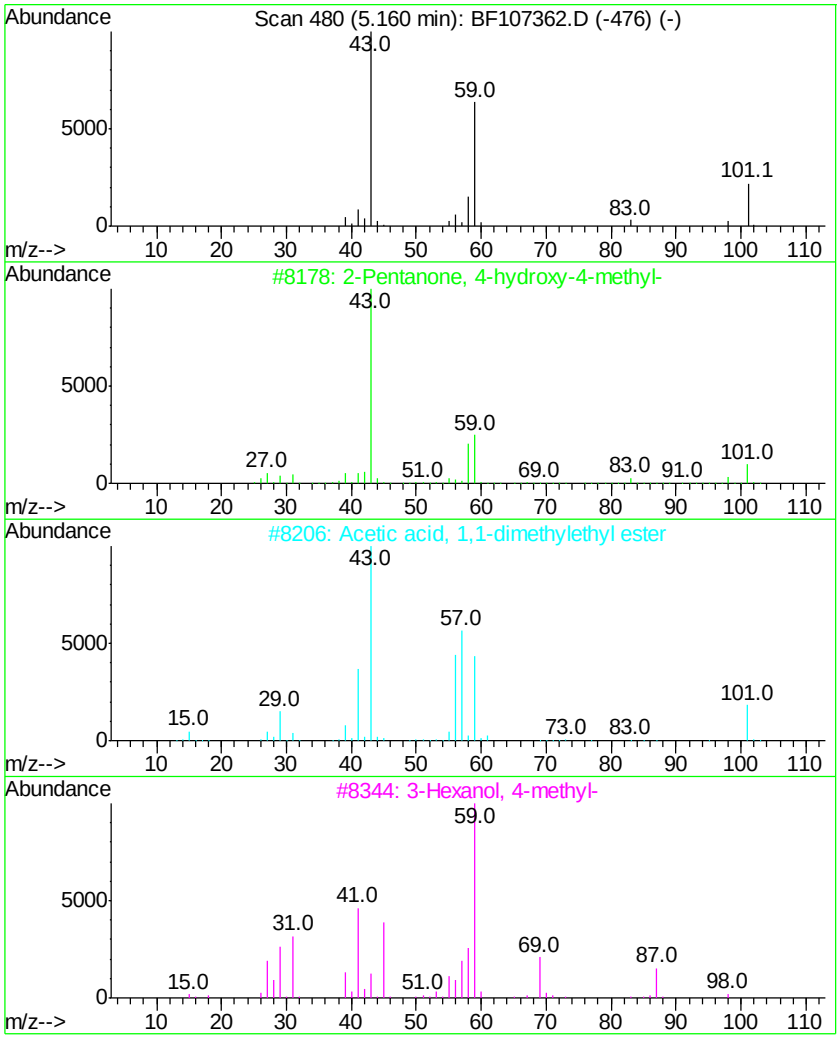
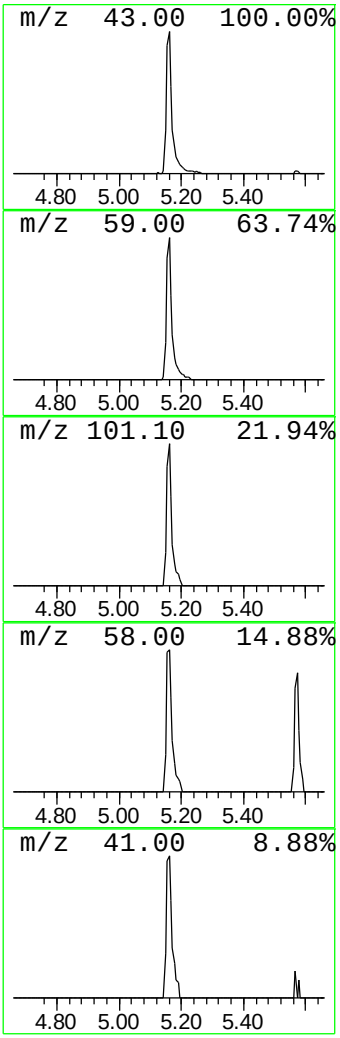
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	7.18 ng	106067	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : PAR-3

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TIC Library : C:\DATABASE\NIST11.L
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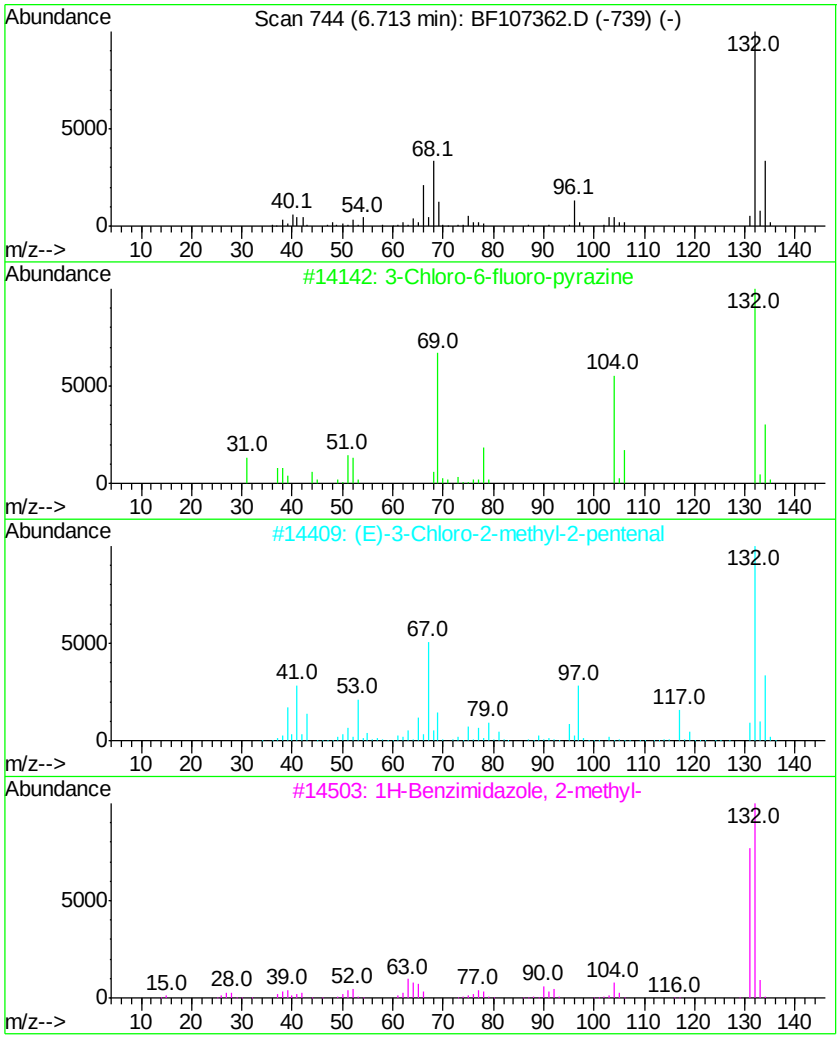
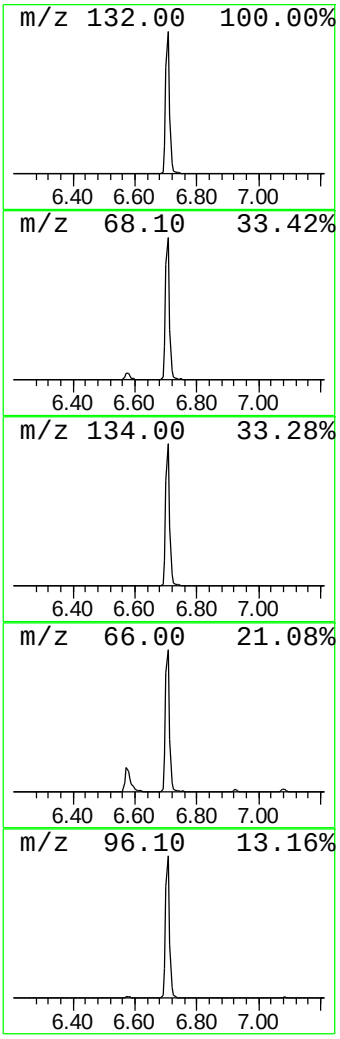
Peak Number 2 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	50.38 ng	744403	1,4-Dichlorobenzene-d4	6.92

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	12
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

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TIC Integration Parameters: LSCINT.P

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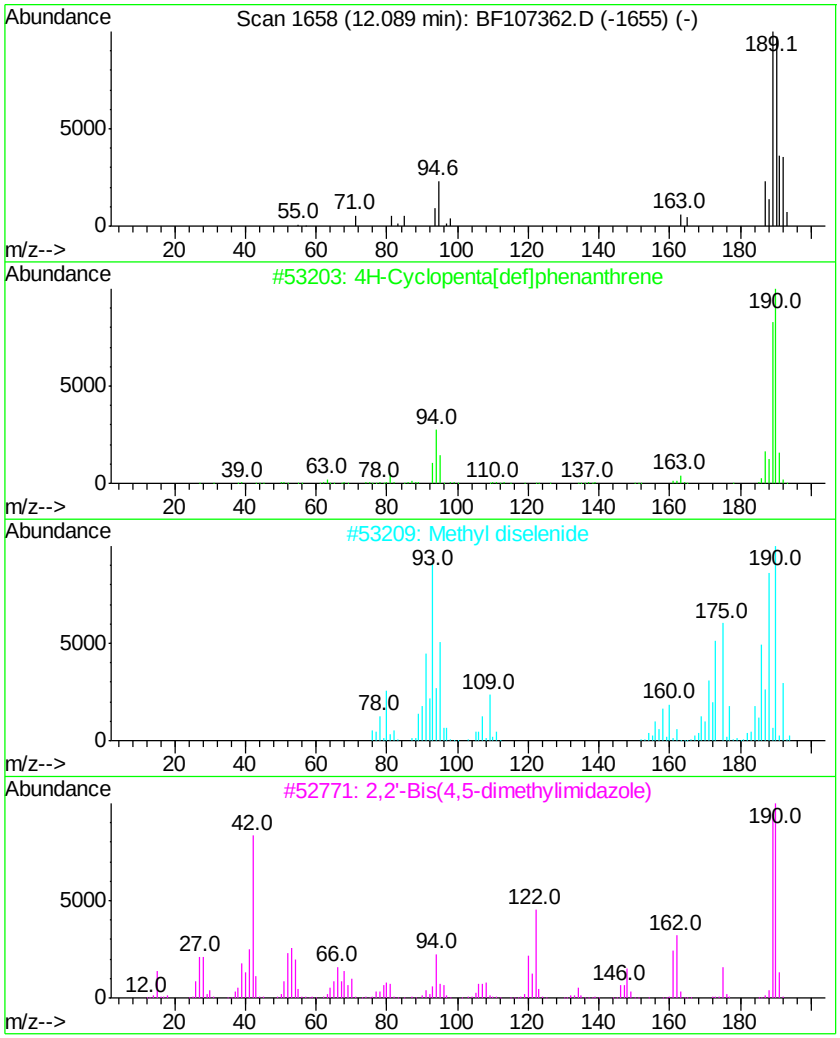
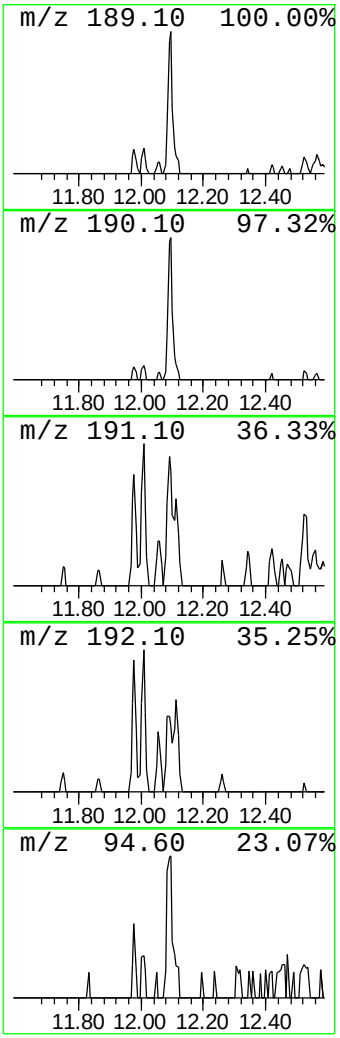
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	2.21 ng	38857	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
2	Methyl diselenide	190	C2H6Se2	007101-31-7	49
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	14





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Instrument : BNA_F
ClientSampleId : PAR-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

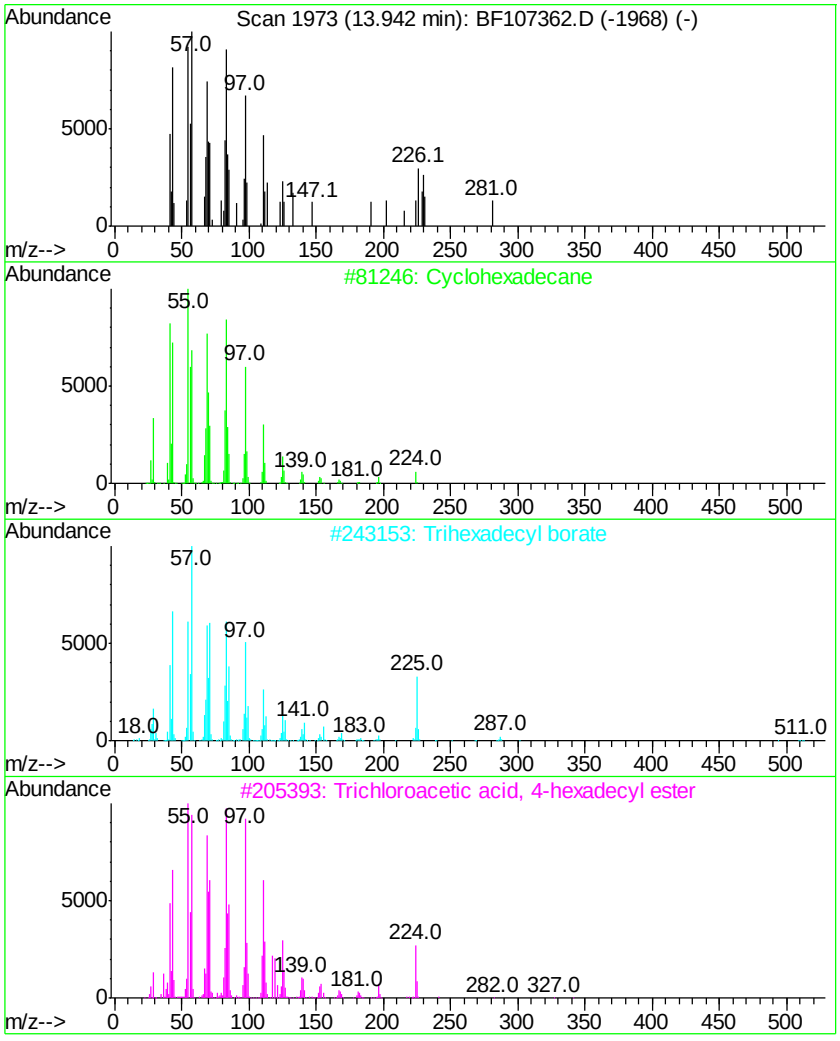
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

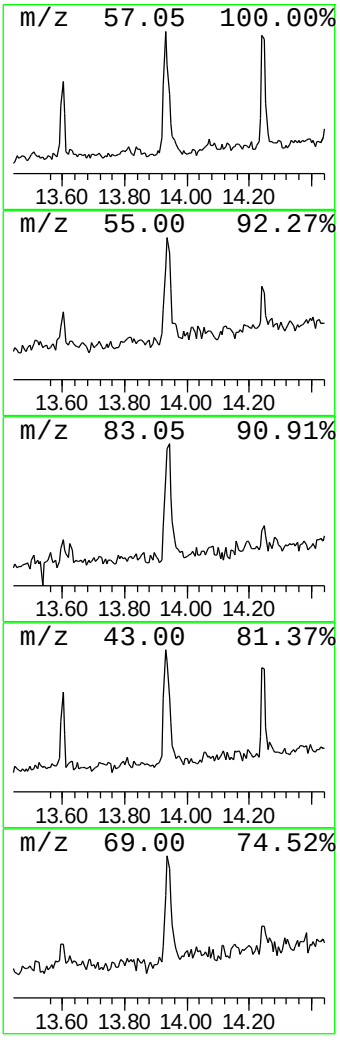
****

Peak Number 5 Cyclohexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	2.28 ng	58358	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	96
2	Trihexadecyl borate	735	C48H99BO3	002665-11-4	70
3	Trichloroacetic acid, 4-hexadecy...	386	C18H33Cl3O2	1000282-92-4	64
4	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	60
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	60





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
2-Pentanone, 4-hy...	5.16	7.2	ng	106067	1	6.92	295507	20.0
unknown6.71	6.71	50.4	ng	744403	1	6.92	295507	20.0
4H-Cyclopenta[def...	12.09	2.2	ng	38857	4	11.47	351110	20.0
Cyclohexadecane	13.94	2.3	ng	58358	5	14.13	512138	20.0