LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107371.D
Acq On : 13 Jul 2018 17:02
Operator : JU/SJ
Sample : J3825-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-071118-E

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	5.154	476	479	494	rBV	61653	72655	10.25%	0.779%
2	5.572	546	550	565	rBV	447781	545906	77.04%	5.856%
3	6.578	717	721	736	rBV	440407	546063	77.06%	5.858%
4	6.707	739	743	753	rVB	605285	547973	77.33%	5.878%
5	6.931	777	781	788	rBV	334501	304033	42.91%	3.262%
6	7.084	803	807	822	rBB	517227	445320	62.85%	4.777%
7	7.495	873	877	893	rBV	329004	320998	45.30%	3.444%
8	8.213	995	999	1018	rBV	368849	392117	55.34%	4.206%
9	8.931	1119	1121	1128	rBB	12372	13870	1.96%	0.149%
10	9.031	1135	1138	1143	rBB	9954	9037	1.28%	0.097%
11	9.289	1178	1182	1191	rBV	616139	597932	84.38%	6.414%
12	9.683	1247	1249	1258	rVB	64320	59016	8.33%	0.633%
13	9.842	1273	1276	1281	rBV	10807	10430	1.47%	0.112%
14	9.977	1295	1299	1303	rBV	406446	374158	52.80%	4.014%
15	10.007	1303	1304	1311	rVB	38058	31711	4.48%	0.340%
16	10.183	1330	1334	1338	rBV	21541	23438	3.31%	0.251%
17	10.530	1389	1393	1400	rVB	60885	54824	7.74%	0.588%
18	10.683	1417	1419	1423	rVB3	9160	8008	1.13%	0.086%
19	10.777	1431	1435	1444	rBV	350781	339389	47.90%	3.641%
20	11.077	1482	1486	1488	rBV	10682	10095	1.42%	0.108%
21	11.372	1534	1536	1541	rVB	16435	13491	1.90%	0.145%
22	11.477	1550	1554	1556	rBV	463205	428483	60.47%	4.597%
23	11.501	1556	1558	1563	rVV	382712	300262	42.38%	3.221%
24	11.554	1563	1567	1571	rVV	109065	94887	13.39%	1.018%
25	11.719	1591	1595	1600	rVB	32127	34750	4.90%	0.373%
26	11.895	1621	1625	1630	rBV3	8316	10766	1.52%	0.115%
27	11.977	1636	1639	1642	rBV	43655	37166	5.25%	0.399%
28	12.007	1642	1644	1648	rVB	51350	41757	5.89%	0.448%
29	12.054	1649	1652	1655	rBV	22347	21084	2.98%	0.226%
30	12.095	1655	1659	1661	rBV2	70351	72552	10.24%	0.778%
31	12.271	1686	1689	1693	rVB	29272	26132	3.69%	0.280%
32	12.319	1693	1697	1700	rBV3	8402	8650	1.22%	0.093%
33	12.419	1710	1714	1717	rBV2	10014	11483	1.62%	0.123%
34	12.454	1717	1720	1722	rBV	11205	8582	1.21%	0.092%

LSC Area Percent Report

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Acq On : 13 Jul 2018 17:02
Operator : JU/SJ
Sample : J3825-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-071118-E

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

35	12.477	1722	1724	1728	rVB3	17356	14741	2.08%	0.158%
36	12.530	1729	1733	1735	rBV	34923	34784	4.91%	0.373%
37	12.571	1735	1740	1741	rVV4	12083	14183	2.00%	0.152%
38	12.630	1745	1750	1754	rBV4	15361	24983	3.53%	0.268%
39	12.695	1758	1761	1765	rBV	392038	388627	54.85%	4.169%
40	12.848	1784	1787	1789	rBV3	17229	17204	2.43%	0.185%
41	12.871	1789	1791	1794	rVV3	16794	19645	2.77%	0.211%
42	12.907	1794	1797	1799	rVV2	78965	89414	12.62%	0.959%
43	12.930	1799	1801	1806	rVV	384622	331460	46.78%	3.556%
44	12.977	1806	1809	1812	rVB	28498	27472	3.88%	0.295%
45	13.060	1819	1823	1826	rBV	791590	708579	100.00%	7.601%
46	13.101	1826	1830	1833	rVB3	15466	21320	3.01%	0.229%
47	13.148	1833	1838	1842	rBV3	31336	49909	7.04%	0.535%
48	13.189	1843	1845	1848	rBV3	9103	9323	1.32%	0.100%
49	13.260	1850	1857	1861	rVB	79187	104418	14.74%	1.120%
50	13.324	1865	1868	1870	rBV	54243	46721	6.59%	0.501%
51	13.366	1870	1875	1877	rBV2	34590	42515	6.00%	0.456%
52	13.454	1888	1890	1893	rBV	22578	21489	3.03%	0.231%
53	13.489	1893	1896	1898	rVV	27823	25135	3.55%	0.270%
54	13.607	1913	1916	1918	rBV3	24841	27109	3.83%	0.291%
55	13.883	1961	1963	1965	rBV	23705	22531	3.18%	0.242%
56	13.907	1965	1967	1970	rVV	28844	26321	3.71%	0.282%
57	13.942	1970	1973	1978	rVV4	52883	92965	13.12%	0.997%
58	14.136	2001	2006	2009	rBV2	466960	568841	80.28%	6.102%
59	14.160	2009	2010	2015	rVB	127839	106880	15.08%	1.147%
60	14.248	2022	2025	2028	rBV2	46353	51255	7.23%	0.550%
61	15.224	2188	2191	2206	rVB	116755	253521	35.78%	2.720%
62	15.618	2255	2258	2264	rVB	71399	110682	15.62%	1.187%
63	15.683	2265	2269	2273	rBV	199519	252671	35.66%	2.711%

Sum of corrected areas: 9321716

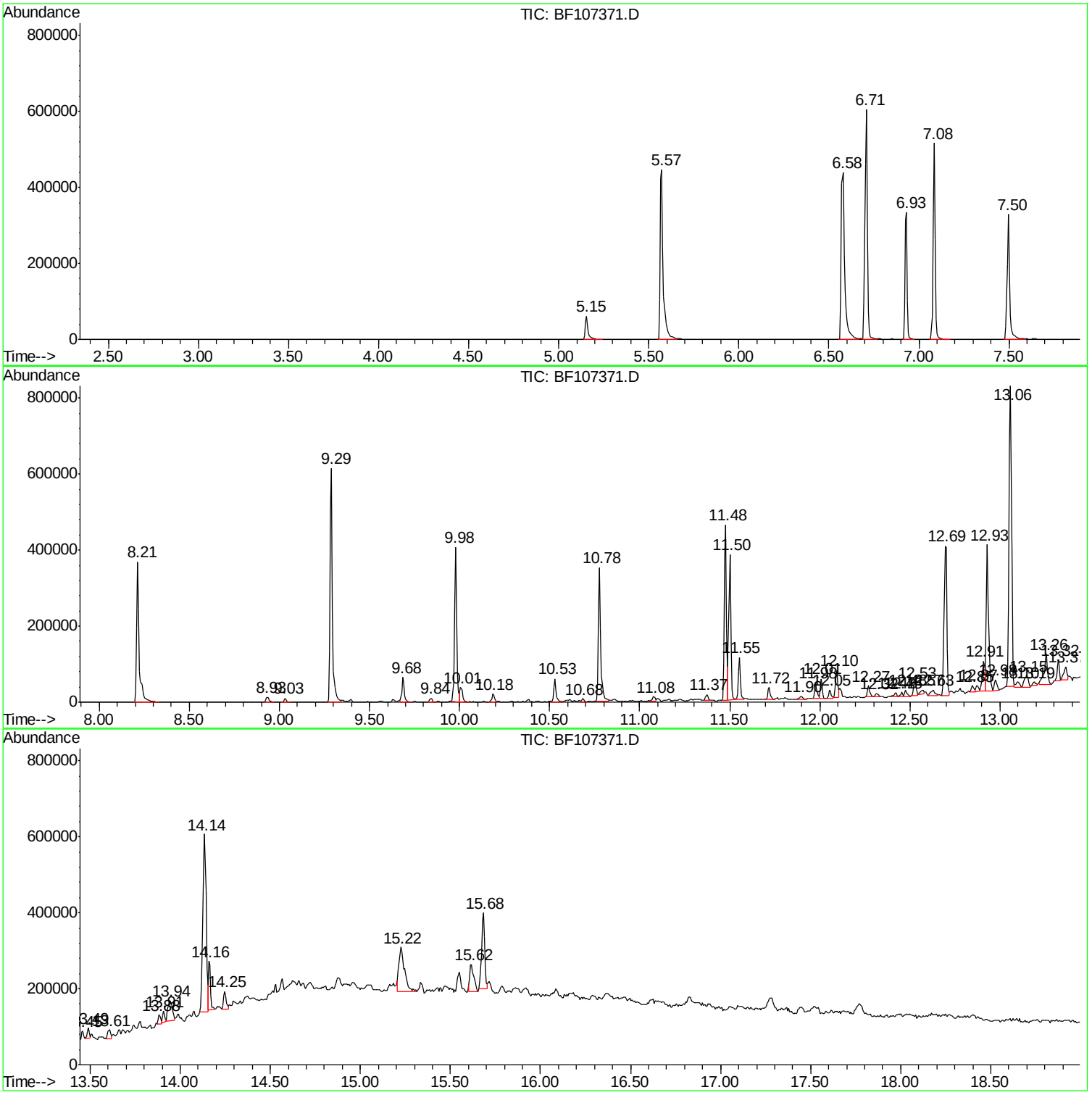
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107371.D
Acq On : 13 Jul 2018 17:02
Operator : JU/SJ
Sample : J3825-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-071118-E

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\
Data File : BF107371.D
Acq On : 13 Jul 2018 17:02
Operator : JU/SJ
Sample : J3825-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-071118-E

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

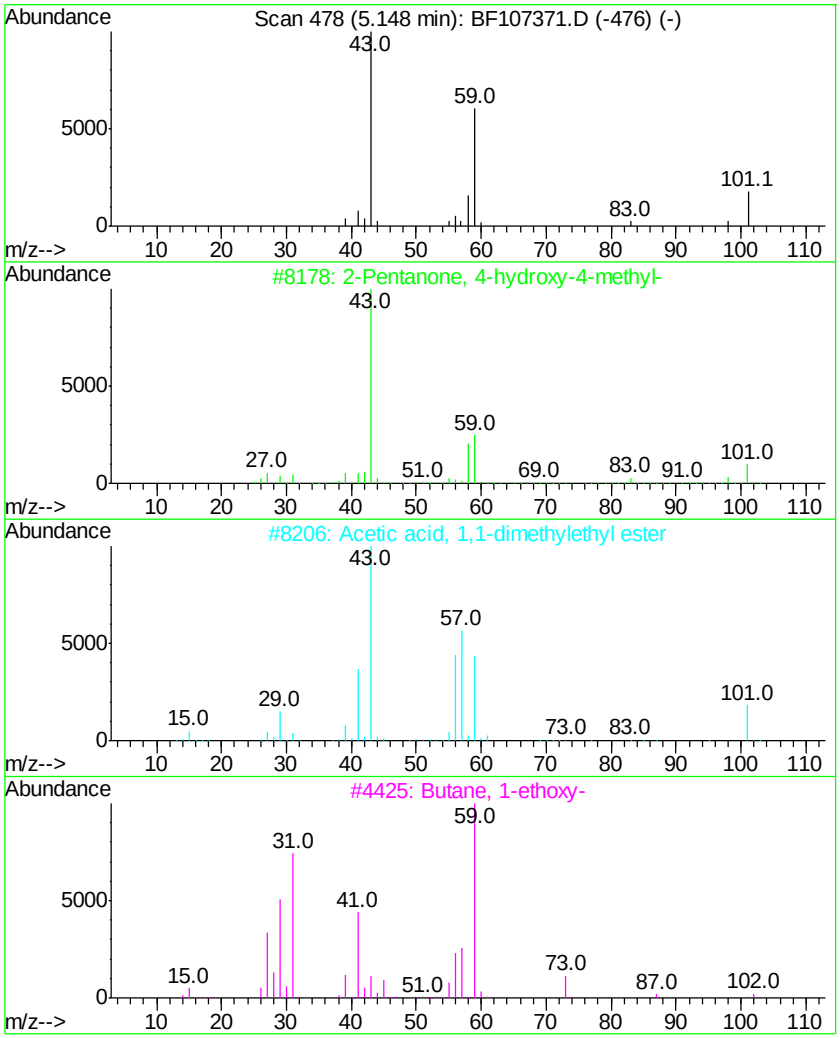
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

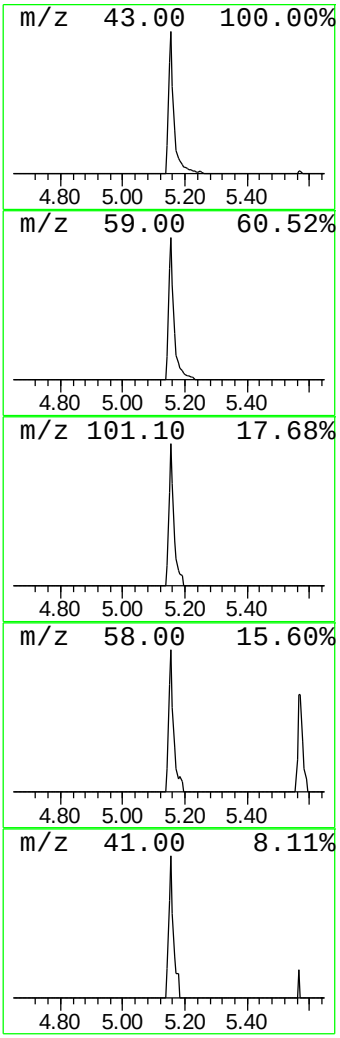
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	4.78 ng	72655	1,4-Dichlorobenzene-d4	6.93

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	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107371.D
Acq On : 13 Jul 2018 17:02
Operator : JU/SJ
Sample : J3825-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-071118-E

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

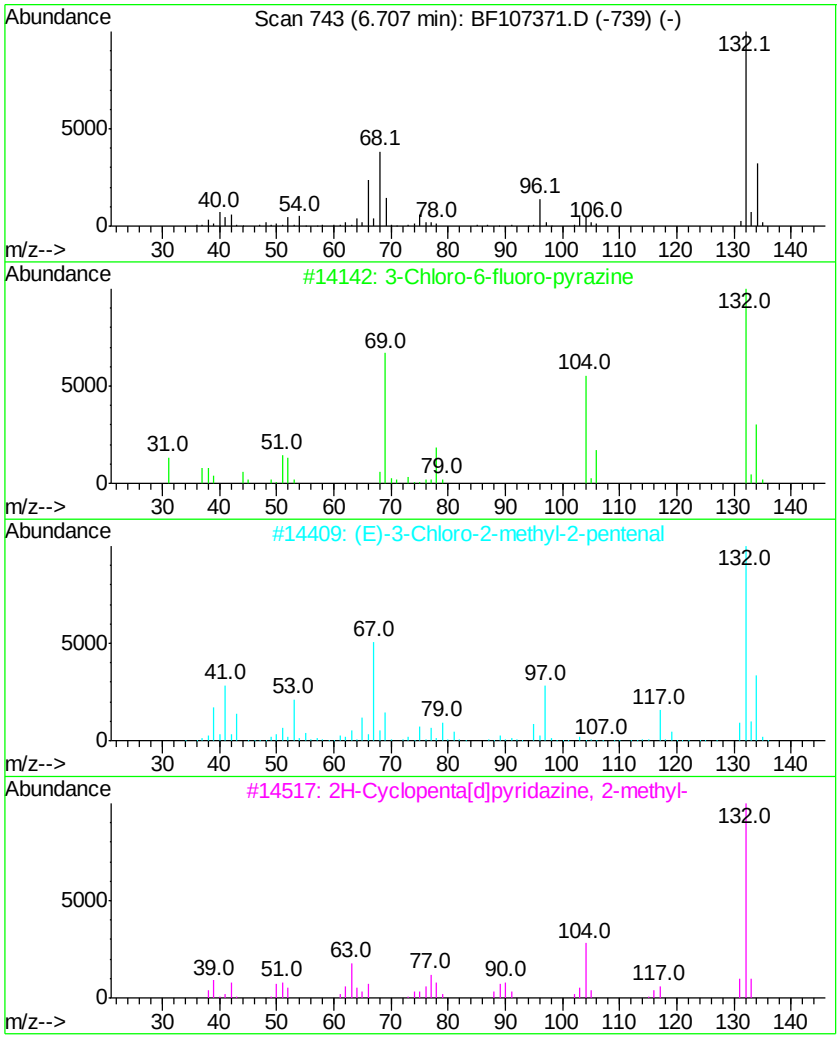
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

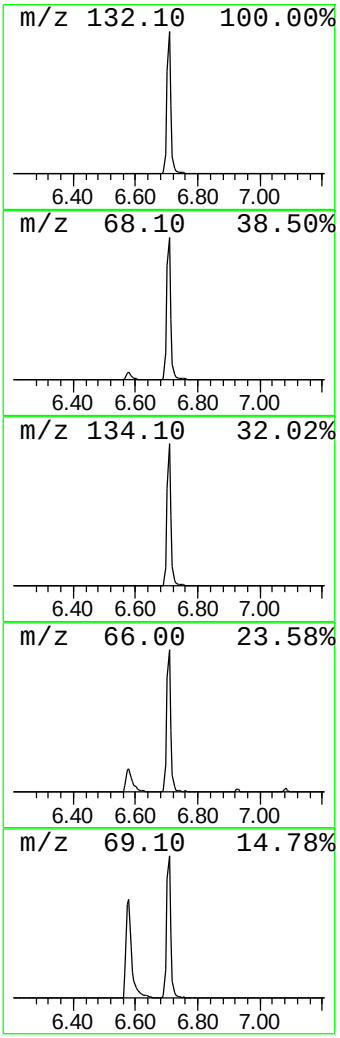
****

Peak Number 2 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	36.05 ng	547973	1,4-Dichlorobenzene-d4	6.93

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	17
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107371.D
Acq On : 13 Jul 2018 17:02
Operator : JU/SJ
Sample : J3825-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-071118-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
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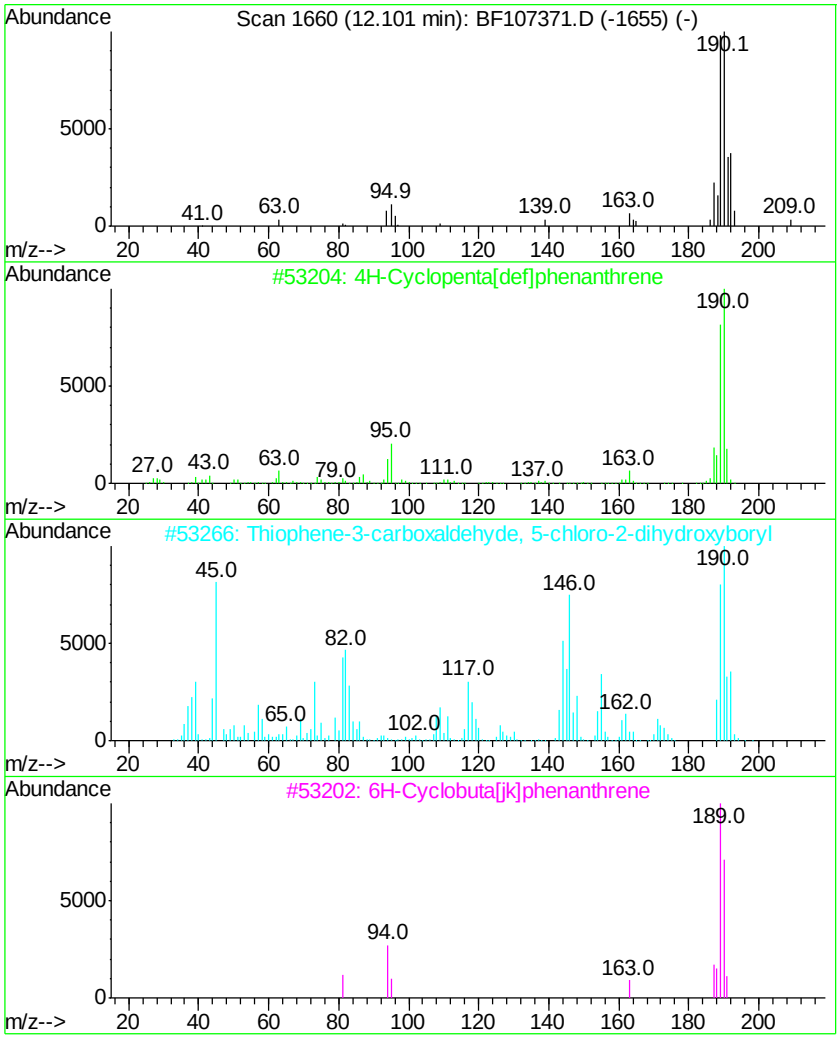
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

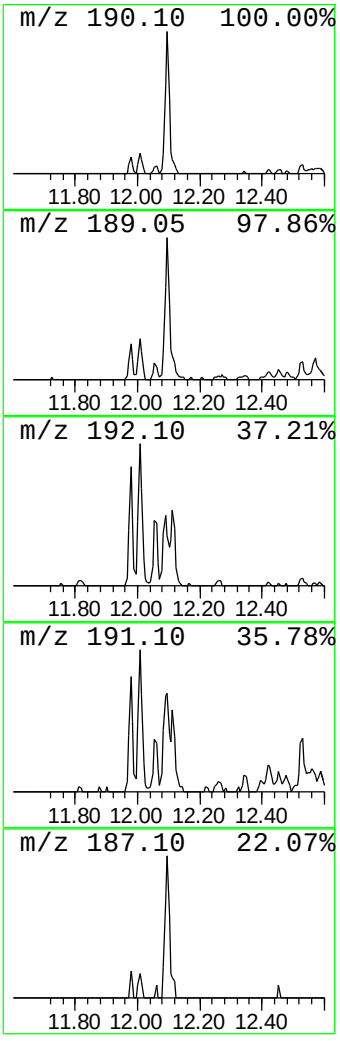
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	3.39 ng	72552	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107371.D
Acq On : 13 Jul 2018 17:02
Operator : JU/SJ
Sample : J3825-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-071118-E

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

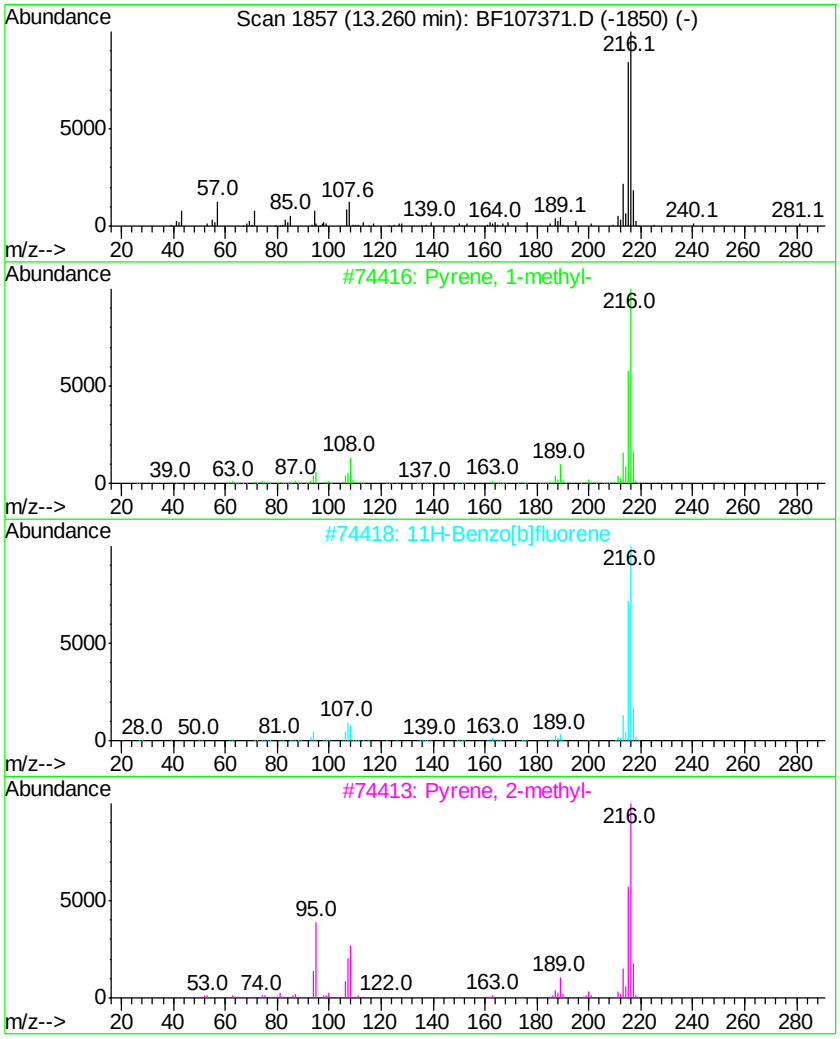
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

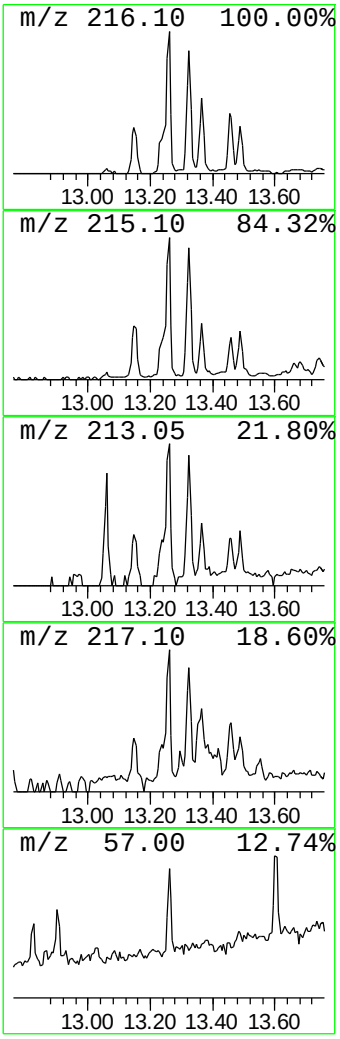
****

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	3.67 ng	104418	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	81
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74





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Misc :
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Instrument : BNA_F
ClientSampleId : CL-02-071118-E

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

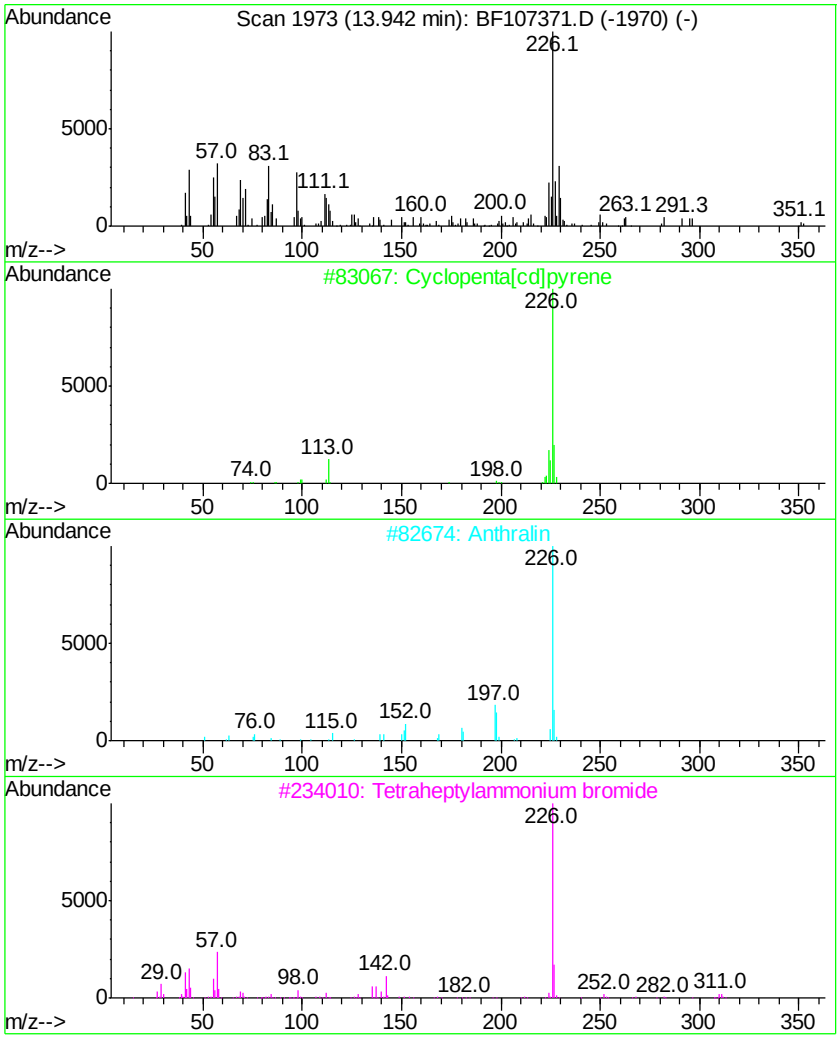
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

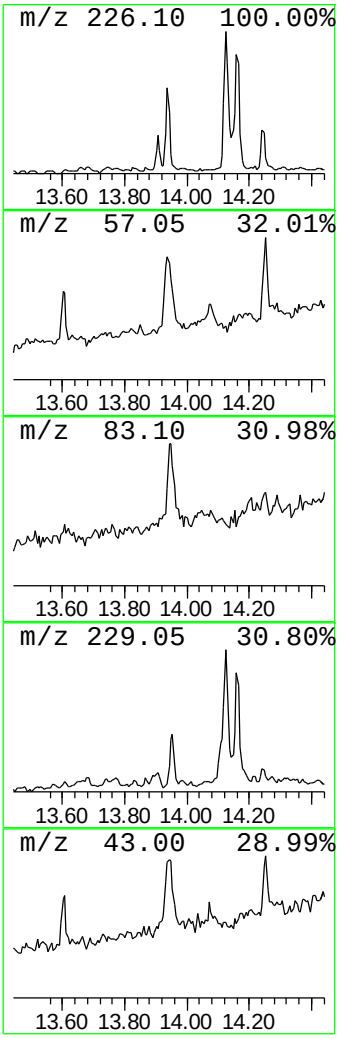
****

Peak Number 6 unknown13.94 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	3.27 ng	92965	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	45
2	Anthralin	226	C14H10O3	001143-38-0	38
3	Tetraheptylammonium bromide	489	C28H60BrN	004368-51-8	38
4	4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	38
5	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071318\
Data File : BF107371.D
Acq On : 13 Jul 2018 17:02
Operator : JU/SJ
Sample : J3825-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.15	4.8	ng	72655	1	6.93	304033	20.0
unknown6.71	6.71	36.0	ng	547973	1	6.93	304033	20.0
4H-Cyclopenta[def...	12.10	3.4	ng	72552	4	11.48	428483	20.0
Pyrene, 1-methyl-	13.26	3.7	ng	104418	5	14.14	568841	20.0
unknown13.94	13.94	3.3	ng	92965	5	14.14	568841	20.0