LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101034.D
Acq On : 30 Nov 2017 22:52
Operator : SJ/JU
Sample : I6618-04 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-106-6(0-5)

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-BF113017.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	5.069	504	507	515	rBB	35248	41160	6.20%	0.528%
2	5.469	571	575	587	rVB	657288	571729	86.14%	7.334%
3	6.481	743	747	757	rBV	676103	603345	90.90%	7.739%
4	6.622	767	771	774	rBV	778699	613845	92.48%	7.874%
5	6.851	807	810	814	rBV	407532	334106	50.34%	4.286%
6	7.010	833	837	840	rBV	536336	466009	70.21%	5.978%
7	7.416	902	906	909	rBV	440490	353781	53.30%	4.538%
8	8.134	1025	1028	1031	rBV	499488	417872	62.96%	5.360%
9	8.545	1095	1098	1101	rBV	11215	8915	1.34%	0.114%
10	9.145	1198	1200	1204	rVB	15838	13176	1.99%	0.169%
11	9.210	1207	1211	1214	rBV	820536	663728	100.00%	8.514%
12	9.281	1220	1223	1226	rBV2	18255	17807	2.68%	0.228%
13	9.598	1274	1277	1281	rBV2	56815	58992	8.89%	0.757%
14	9.751	1300	1303	1306	rBV	25801	21587	3.25%	0.277%
15	9.798	1308	1311	1312	rBV	18125	13643	2.06%	0.175%
16	9.892	1323	1327	1330	rVV	505085	407613	61.41%	5.229%
17	9.922	1330	1332	1335	rVB2	14962	11470	1.73%	0.147%
18	10.045	1348	1353	1356	rBV3	6046	10257	1.55%	0.132%
19	10.310	1396	1398	1401	rVB	23862	18854	2.84%	0.242%
20	10.439	1416	1420	1425	rBV2	11966	14929	2.25%	0.192%
21	10.533	1433	1436	1442	rVB2	20090	24736	3.73%	0.317%
22	10.586	1442	1445	1449	rBV3	4709	8285	1.25%	0.106%
23	10.681	1458	1461	1465	rBV	335531	280496	42.26%	3.598%
24	10.798	1476	1481	1484	rBV2	39049	50320	7.58%	0.645%
25	11.233	1551	1555	1557	rBV2	18247	15468	2.33%	0.198%
26	11.263	1557	1560	1566	rVB3	18832	26314	3.96%	0.338%
27	11.380	1576	1580	1582	rBV	436572	349679	52.68%	4.486%
28	11.404	1582	1584	1587	rVV	99611	73741	11.11%	0.946%
29	11.457	1590	1593	1595	rVB	22571	20080	3.03%	0.258%
30	11.610	1616	1619	1625	rVV4	9840	11039	1.66%	0.142%
31	11.657	1625	1627	1632	rVV3	10005	10053	1.51%	0.129%
32	11.704	1632	1635	1641	rVB6	5433	9939	1.50%	0.127%
33	11.880	1662	1665	1668	rBV2	12463	16984	2.56%	0.218%
34	11.910	1668	1670	1673	rVB	19339	15540	2.34%	0.199%

LSC Area Percent Report

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Data File : BF101034.D
Acq On : 30 Nov 2017 22:52
Operator : SJ/JU
Sample : I6618-04 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-106-6(0-5)

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-BF113017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.992	1681	1684	1687	rBV2	26149	29590	4.46%	0.380%
36	12.175	1712	1715	1717	rBV	11662	8796	1.33%	0.113%
37	12.433	1755	1759	1761	rBV	12632	13208	1.99%	0.169%
38	12.457	1761	1763	1768	rVV6	9169	12850	1.94%	0.165%
39	12.522	1771	1774	1779	rBV5	8393	10213	1.54%	0.131%
40	12.592	1783	1786	1790	rBV	190992	155571	23.44%	1.996%
41	12.692	1800	1803	1805	rBV	9356	8574	1.29%	0.110%
42	12.751	1809	1813	1815	rBV	9241	11613	1.75%	0.149%
43	12.822	1819	1825	1828	rBV	153736	172720	26.02%	2.216%
44	12.874	1831	1834	1841	rVB7	11840	17978	2.71%	0.231%
45	12.963	1845	1849	1852	rVB	553181	457529	68.93%	5.869%
46	13.045	1857	1863	1865	rBV4	16157	24601	3.71%	0.316%
47	13.151	1874	1881	1885	rBV	32086	55161	8.31%	0.708%
48	13.216	1890	1892	1895	rBV	19853	16519	2.49%	0.212%
49	13.257	1895	1899	1902	rVV2	17730	20911	3.15%	0.268%
50	13.310	1906	1908	1911	rBV4	7503	8006	1.21%	0.103%
51	13.351	1913	1915	1917	rVB	13225	10522	1.59%	0.135%
52	13.380	1917	1920	1923	rBV4	17763	22483	3.39%	0.288%
53	13.663	1965	1968	1970	rBV2	15559	14485	2.18%	0.186%
54	13.774	1984	1987	1989	rBV3	14132	13939	2.10%	0.179%
55	13.845	1997	1999	2007	rVB4	49034	67500	10.17%	0.866%
56	13.992	2021	2024	2025	rBV3	19539	20138	3.03%	0.258%
57	14.021	2025	2029	2032	rVV2	432258	479800	72.29%	6.155%
58	14.045	2032	2033	2040	rVB	82829	80165	12.08%	1.028%
59	15.068	2204	2207	2213	rVB	53166	79450	11.97%	1.019%
60	15.374	2256	2259	2264	rVB	41649	50400	7.59%	0.647%
61	15.433	2266	2269	2273	rVB	53075	62365	9.40%	0.800%
62	15.498	2276	2280	2285	rBV	222320	295115	44.46%	3.786%

Sum of corrected areas: 7795694

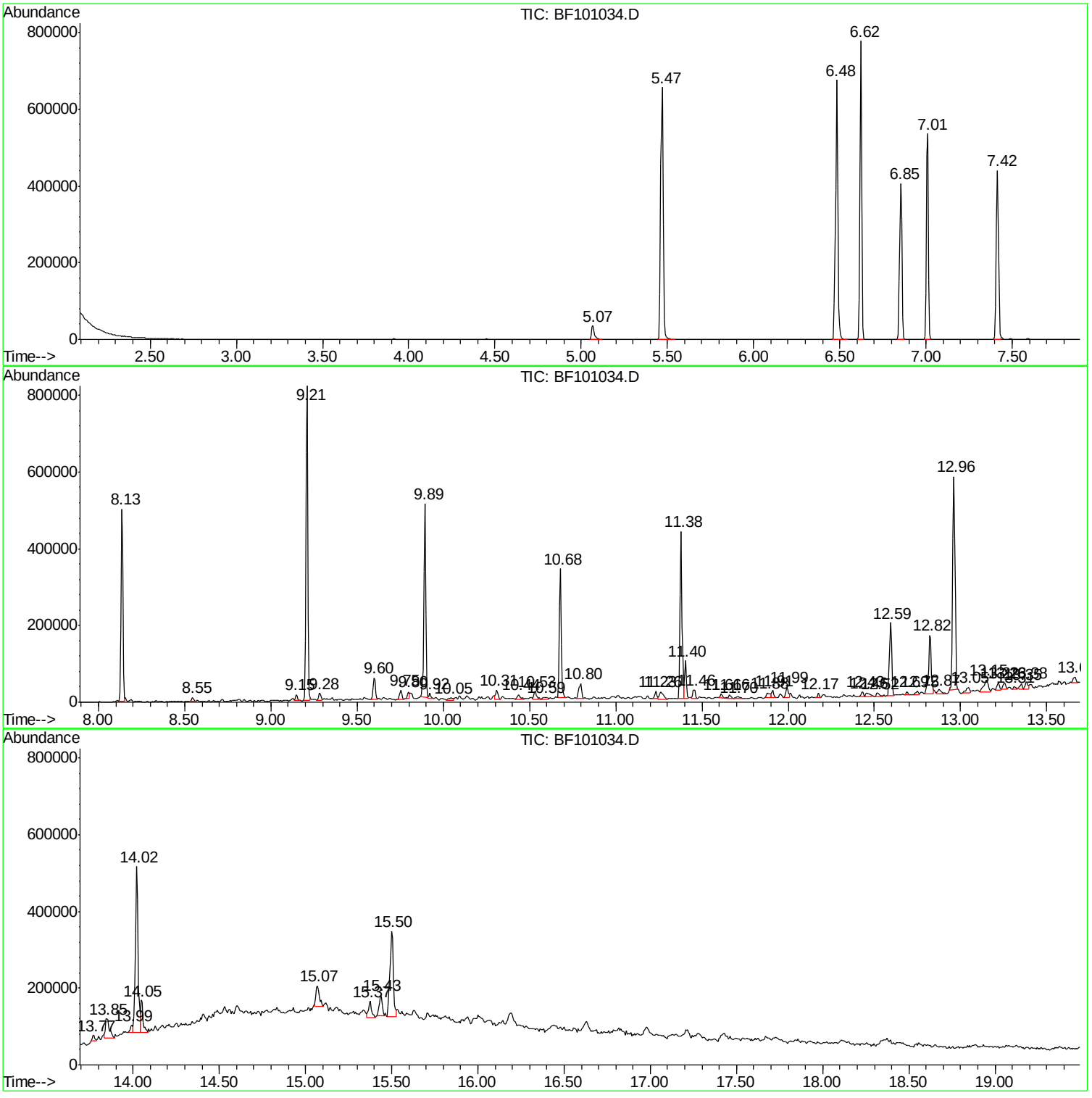
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101034.D
Acq On : 30 Nov 2017 22:52
Operator : SJ/JU
Sample : I6618-04 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-106-6(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101034.D
Acq On : 30 Nov 2017 22:52
Operator : SJ/JU
Sample : I6618-04 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-106-6(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

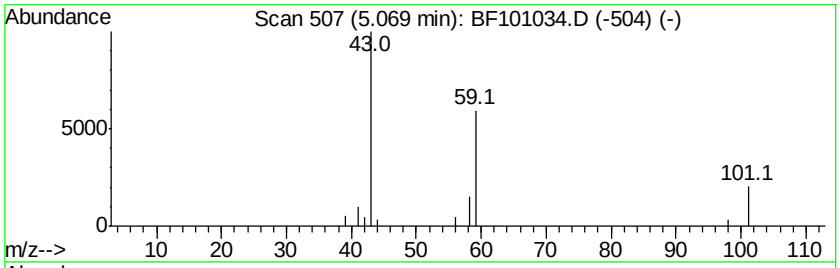
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

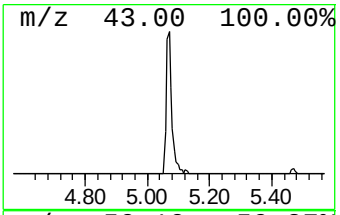
****

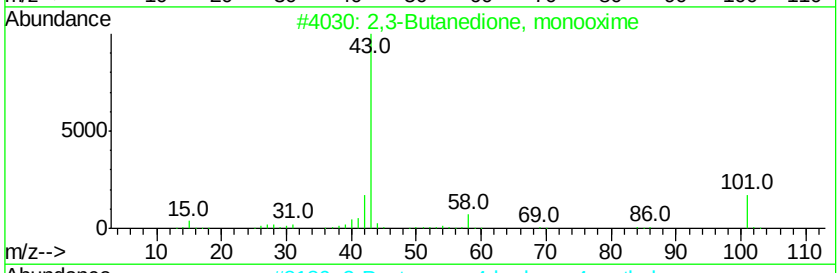
Peak Number 1 unknown5.07 Concentration Rank 7

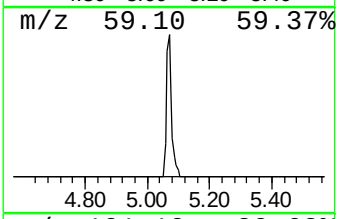
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	2.46 ng	41160	1,4-Dichlorobenzene-d4	6.85

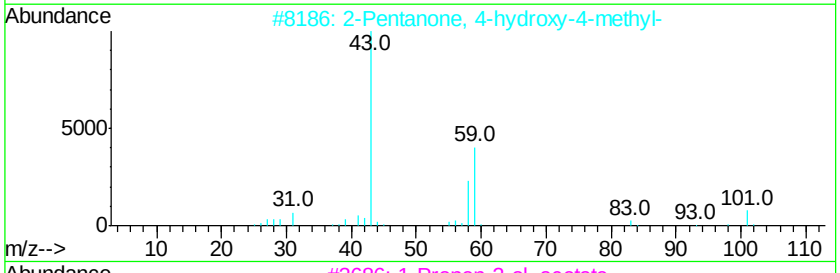
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	9
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	7
5	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	5

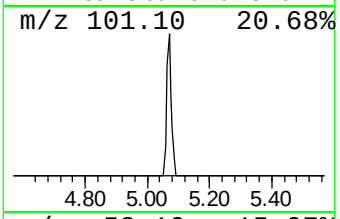


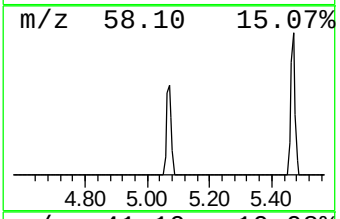


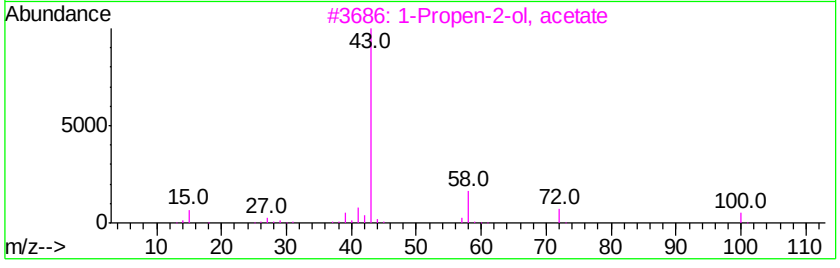


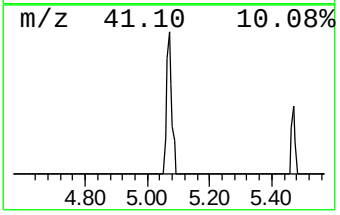












Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
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Acq On : 30 Nov 2017 22:52
Operator : SJ/JU
Sample : I6618-04 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-106-6(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

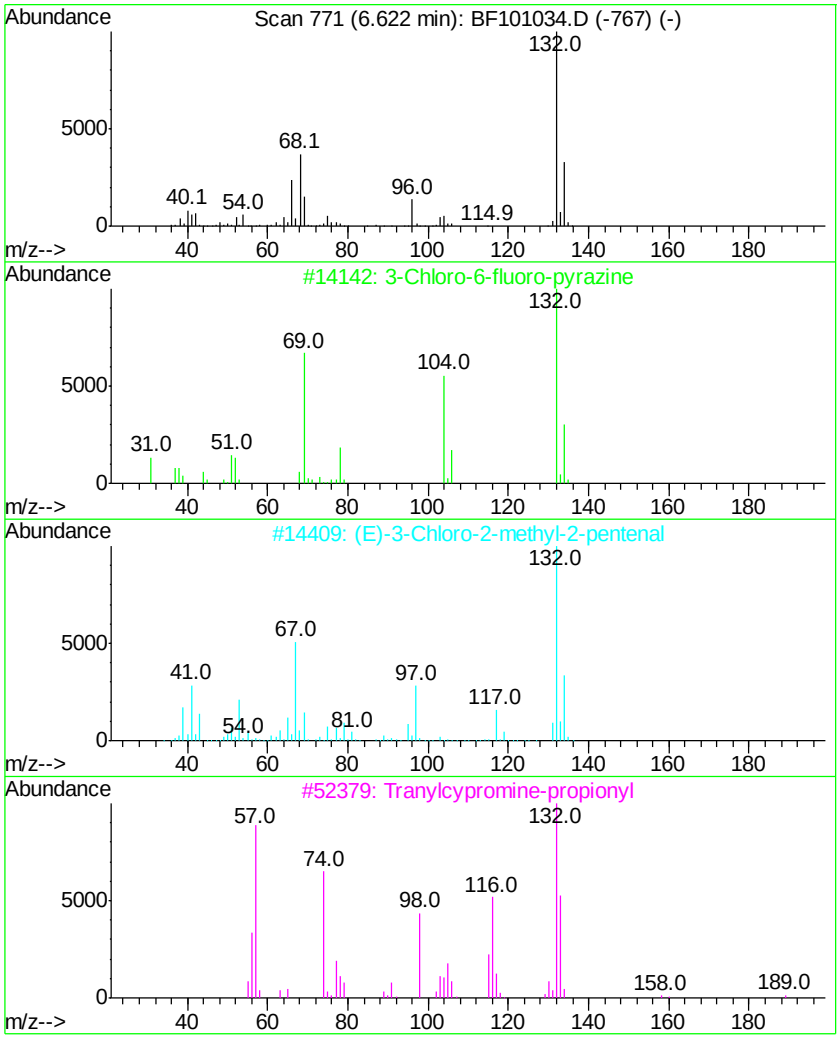
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

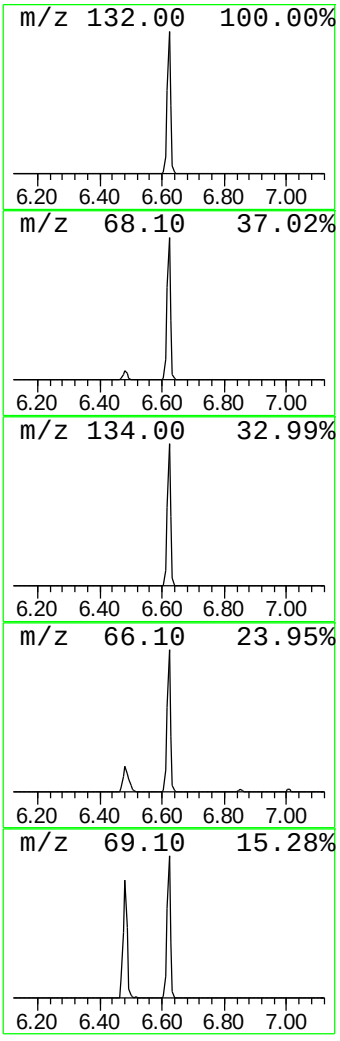
****

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	36.75 ng	613845	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
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Acq On : 30 Nov 2017 22:52
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Misc :
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Instrument : BNA_F
ClientSampleId : ENV-106-6(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
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TIC Library : C:\DATABASE\NIST11.L
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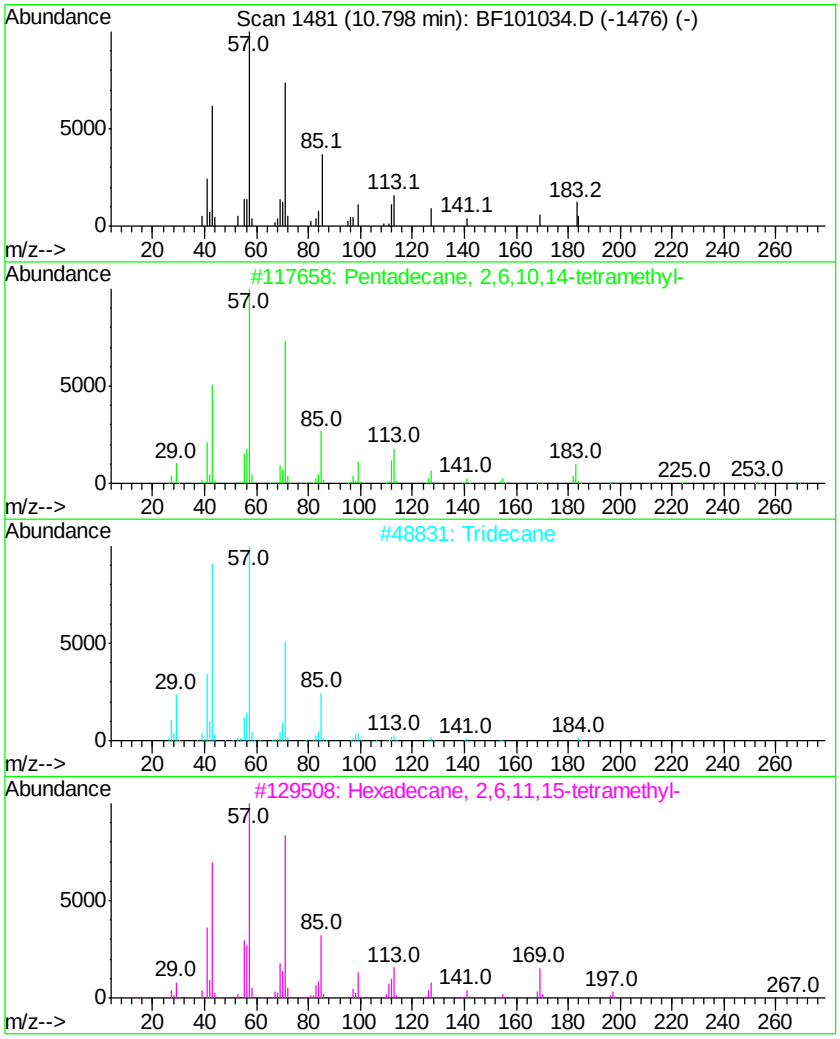
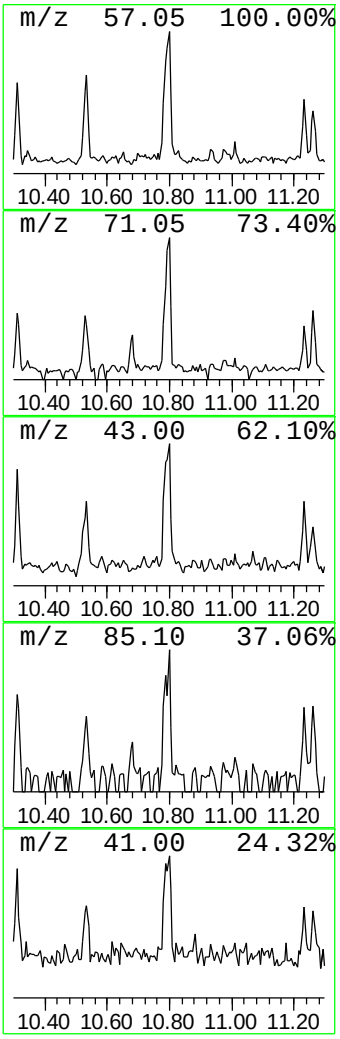
****

Peak Number 5 Pentadecane, 2,6,10,14-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	2.88 ng	50320	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Tridecane	184	C13H28	000629-50-5	87
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	80
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : ENV-106-6(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

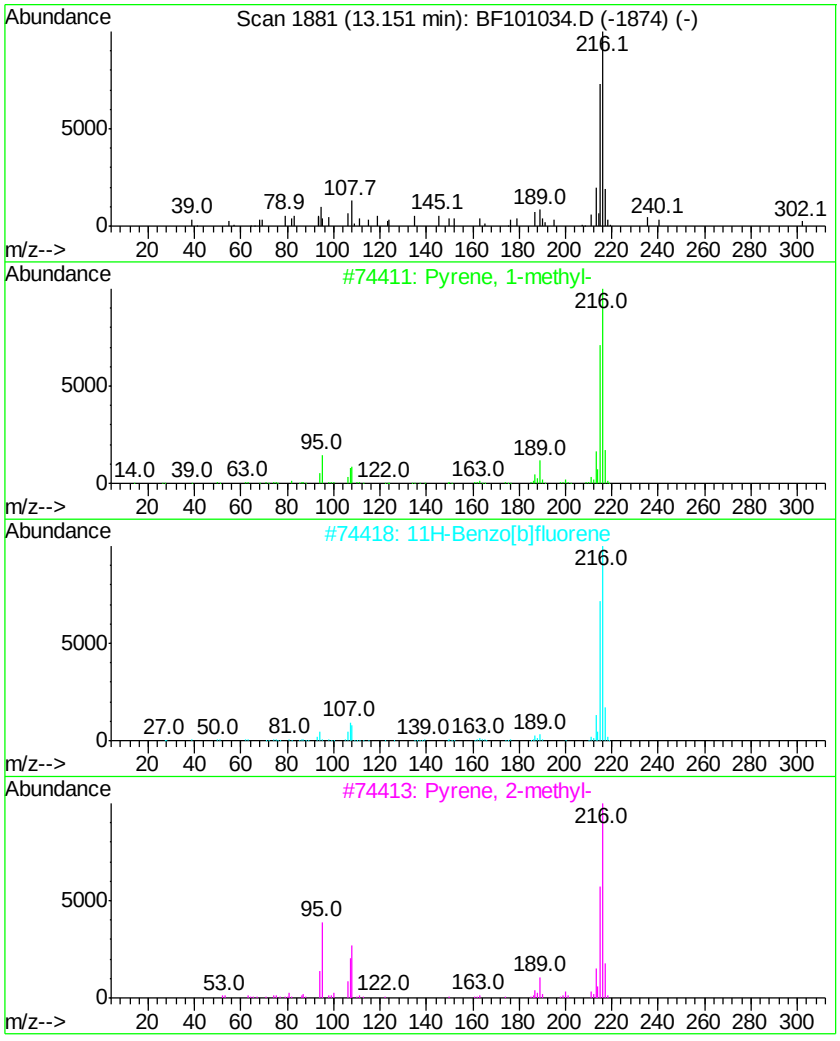
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

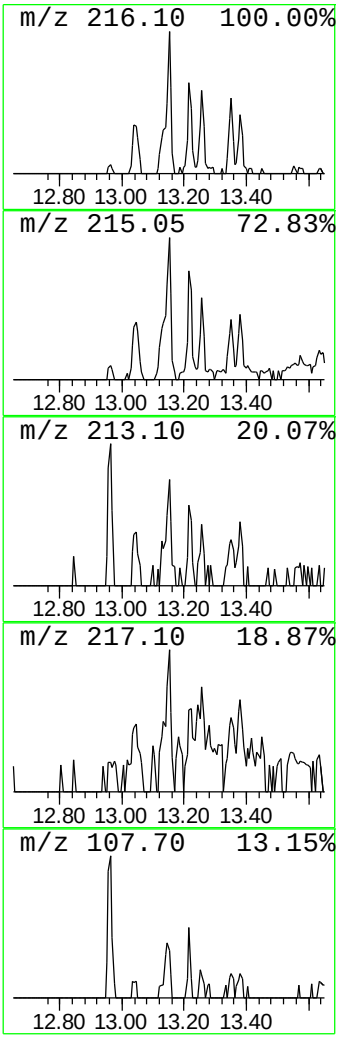
****

Peak Number 6 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	2.30 ng	55161	Chrysene-d12	14.02

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	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76





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Sample : I6618-04 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-106-6(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

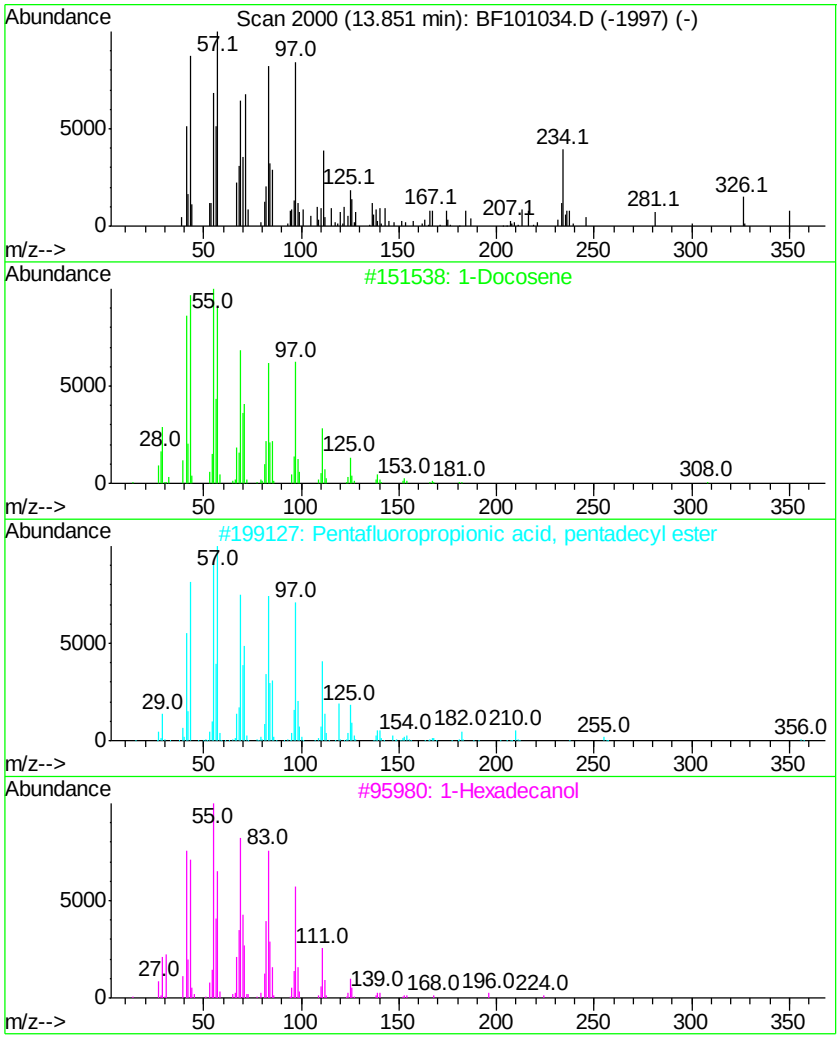
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

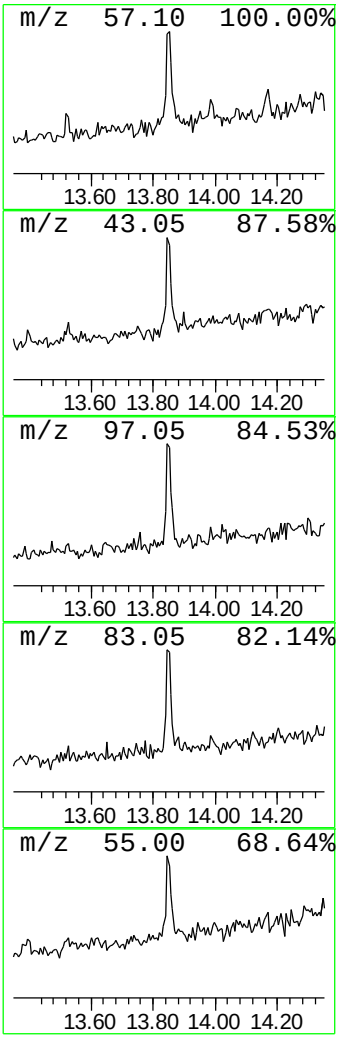
****

Peak Number 7 1-Docosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	2.81 ng	67500	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	83
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	81
3	1-Hexadecanol	242	C16H34O	036653-82-4	70
4	Carbonic acid, hexadecyl 2,2,2-t...	416	C19H35Cl3O3	1000314-56-2	70
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	70





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
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Acq On : 30 Nov 2017 22:52
Operator : SJ/JU
Sample : I6618-04 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-106-6(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

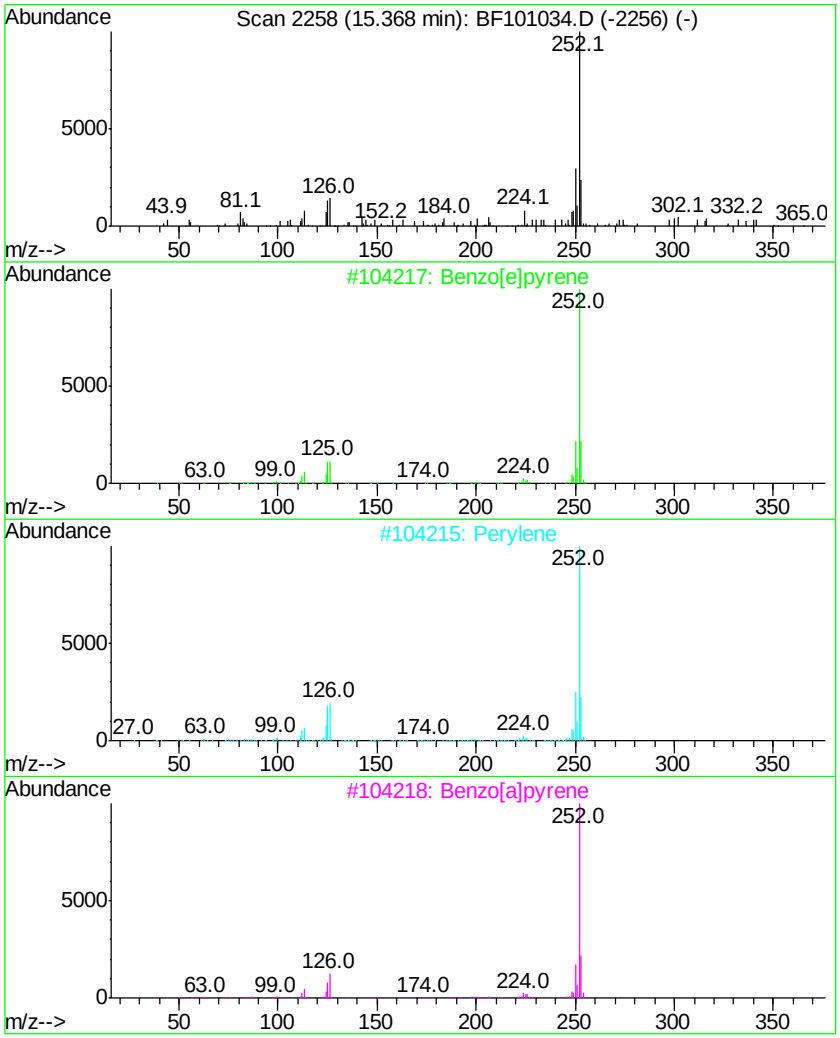
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

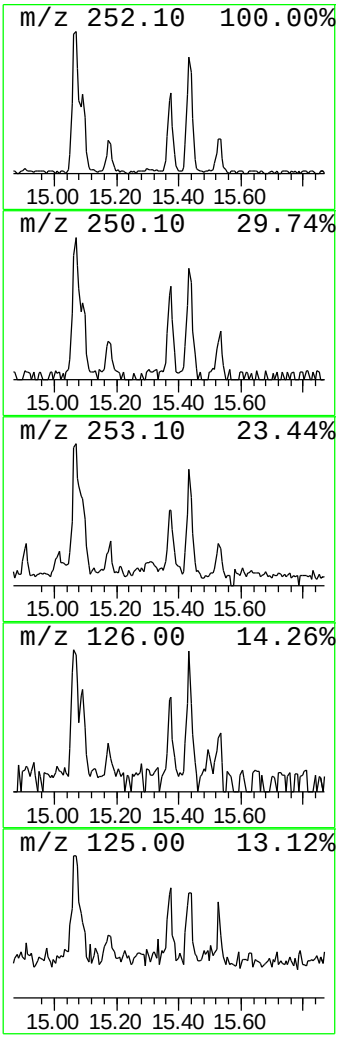
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	3.42 ng	50400	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	89
2	Perylene	252	C20H12	000198-55-0	76
3	Benzo[a]pyrene	252	C20H12	000050-32-8	76
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	70
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113017\
Data File : BF101034.D
Acq On : 30 Nov 2017 22:52
Operator : SJ/JU
Sample : I6618-04 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-106-6(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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
unknown5.07	5.07	2.5	ng	41160	1	6.85	334106	20.0
unknown6.62	6.62	36.8	ng	613845	1	6.85	334106	20.0
Pentadecane, 2,6,...	10.80	2.9	ng	50320	4	11.38	349679	20.0
Pyrene, 1-methyl-	13.15	2.3	ng	55161	5	14.02	479800	20.0
1-Docosene	13.85	2.8	ng	67500	5	14.02	479800	20.0
Benzo[e]pyrene	15.37	3.4	ng	50400	6	15.50	295115	20.0