LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108212.D
Acq On : 16 Aug 2018 23:08
Operator : JU/SJ
Sample : J4499-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSB-01(0-1)

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-BF080818.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	5.242	490	494	500	rVB	24894	26630	1.52%	0.129%
2	5.637	557	561	575	rVB	579465	518862	29.71%	2.517%
3	6.625	726	729	741	rBV	581510	538963	30.86%	2.615%
4	6.784	752	756	759	rBV	671596	560425	32.09%	2.719%
5	7.013	792	795	799	rBV	1102149	950143	54.40%	4.609%
6	7.060	800	803	814	rVV	404542	373358	21.38%	1.811%
7	7.172	818	822	825	rVB	514008	430855	24.67%	2.090%
8	7.572	886	890	897	rBV	407751	338493	19.38%	1.642%
9	7.895	942	945	949	rBV	61142	52671	3.02%	0.256%
10	8.301	1010	1014	1017	rBV	1381201	1172598	67.14%	5.689%
11	9.366	1192	1195	1205	rBV	617066	582102	33.33%	2.824%
12	9.636	1238	1241	1251	rBV	270104	217472	12.45%	1.055%
13	9.760	1259	1262	1265	rBV	37171	31737	1.82%	0.154%
14	10.060	1308	1313	1317	rBV2	1351045	1258055	72.03%	6.103%
15	10.089	1317	1318	1326	rVB	32456	27913	1.60%	0.135%
16	10.607	1403	1406	1411	rVB	19940	19429	1.11%	0.094%
17	10.848	1443	1447	1453	rBV	338965	320783	18.37%	1.556%
18	11.401	1537	1541	1543	rBV	47428	44616	2.55%	0.216%
19	11.454	1548	1550	1555	rVB2	24113	25852	1.48%	0.125%
20	11.554	1564	1567	1570	rBV	1199221	1189402	68.10%	5.770%
21	11.577	1570	1571	1575	rVV	458242	343183	19.65%	1.665%
22	11.630	1578	1580	1583	rVV	79079	68254	3.91%	0.331%
23	11.666	1583	1586	1588	rVB	20500	19621	1.12%	0.095%
24	11.783	1600	1606	1611	rBV2	54552	67814	3.88%	0.329%
25	12.060	1649	1653	1656	rBV	356650	336862	19.29%	1.634%
26	12.083	1656	1657	1662	rVB2	74048	69940	4.00%	0.339%
27	12.171	1668	1672	1675	rBV2	90970	102113	5.85%	0.495%
28	12.354	1700	1703	1705	rBV	39321	29747	1.70%	0.144%
29	12.377	1705	1707	1711	rVB	81050	70170	4.02%	0.340%
30	12.607	1742	1746	1750	rBV4	25846	43089	2.47%	0.209%
31	12.695	1758	1761	1766	rVB	39725	41813	2.39%	0.203%
32	12.777	1771	1775	1779	rBV	1112060	969069	55.49%	4.701%
33	12.848	1783	1787	1789	rBV2	97562	111027	6.36%	0.539%
34	12.930	1799	1801	1807	rVB	36354	39240	2.25%	0.190%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108212.D
Acq On : 16 Aug 2018 23:08
Operator : JU/SJ
Sample : J4499-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSB-01(0-1)

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-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.989	1807	1811	1812	rBV2	165953	177385	10.16%	0.861%
36	13.007	1812	1814	1819	rVV	844670	735982	42.14%	3.570%
37	13.054	1819	1822	1825	rVB	34834	33329	1.91%	0.162%
38	13.136	1831	1836	1839	rBV	571174	541453	31.00%	2.627%
39	13.165	1839	1841	1844	rVB	47575	42383	2.43%	0.206%
40	13.218	1846	1850	1854	rBV2	42683	73991	4.24%	0.359%
41	13.307	1862	1865	1867	rBV4	33657	49609	2.84%	0.241%
42	13.336	1867	1870	1874	rVV	100594	102028	5.84%	0.495%
43	13.401	1878	1881	1883	rVV	81322	65241	3.74%	0.317%
44	13.436	1883	1887	1890	rVV2	47079	62313	3.57%	0.302%
45	13.530	1901	1903	1906	rBV	26316	28090	1.61%	0.136%
46	13.565	1906	1909	1912	rVV3	31977	34373	1.97%	0.167%
47	13.795	1944	1948	1950	rBV2	40246	46307	2.65%	0.225%
48	13.818	1950	1952	1954	rVV3	42898	45249	2.59%	0.220%
49	13.842	1954	1956	1961	rVB	82397	83476	4.78%	0.405%
50	13.954	1971	1975	1978	rBV2	88700	121158	6.94%	0.588%
51	13.983	1978	1980	1982	rVV	66735	63169	3.62%	0.306%
52	14.024	1982	1987	1989	rVV2	84569	155524	8.90%	0.754%
53	14.048	1989	1991	1995	rVB	83314	96404	5.52%	0.468%
54	14.130	2003	2005	2007	rBV	23402	19288	1.10%	0.094%
55	14.165	2007	2011	2014	rVV	1916594	1746484	100.00%	8.473%
56	14.212	2014	2019	2021	rVV2	1342752	1650220	94.49%	8.006%
57	14.236	2021	2023	2030	rVB	501249	439593	25.17%	2.133%
58	14.318	2034	2037	2040	rBV	73741	71197	4.08%	0.345%
59	14.401	2049	2051	2053	rVB	47349	34834	1.99%	0.169%
60	14.436	2053	2057	2060	rBV2	46778	71378	4.09%	0.346%
61	14.465	2060	2062	2065	rVB4	26019	19275	1.10%	0.094%
62	14.507	2066	2069	2072	rBV	300731	247537	14.17%	1.201%
63	14.630	2087	2090	2096	rVB5	71205	107143	6.13%	0.520%
64	14.795	2115	2118	2126	rVB3	56696	92907	5.32%	0.451%
65	15.301	2200	2204	2207	rBV	342667	507339	29.05%	2.461%
66	15.418	2221	2224	2230	rVB	53825	72443	4.15%	0.351%
67	15.630	2257	2260	2267	rVB	168579	237699	13.61%	1.153%
68	15.701	2268	2272	2277	rVB	234173	299297	17.14%	1.452%
69	15.771	2279	2284	2288	rBV	645254	863569	49.45%	4.189%
70	17.383	2553	2558	2565	rBV2	94287	200692	11.49%	0.974%
71	17.877	2637	2642	2648	rBV2	63951	135708	7.77%	0.658%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J4499-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSB-01(0-1)

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-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	18.459	2736	2741	2750	rVB4	98579	246754	14.13%	1.197%

Sum of corrected areas: 20613122

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108212.D
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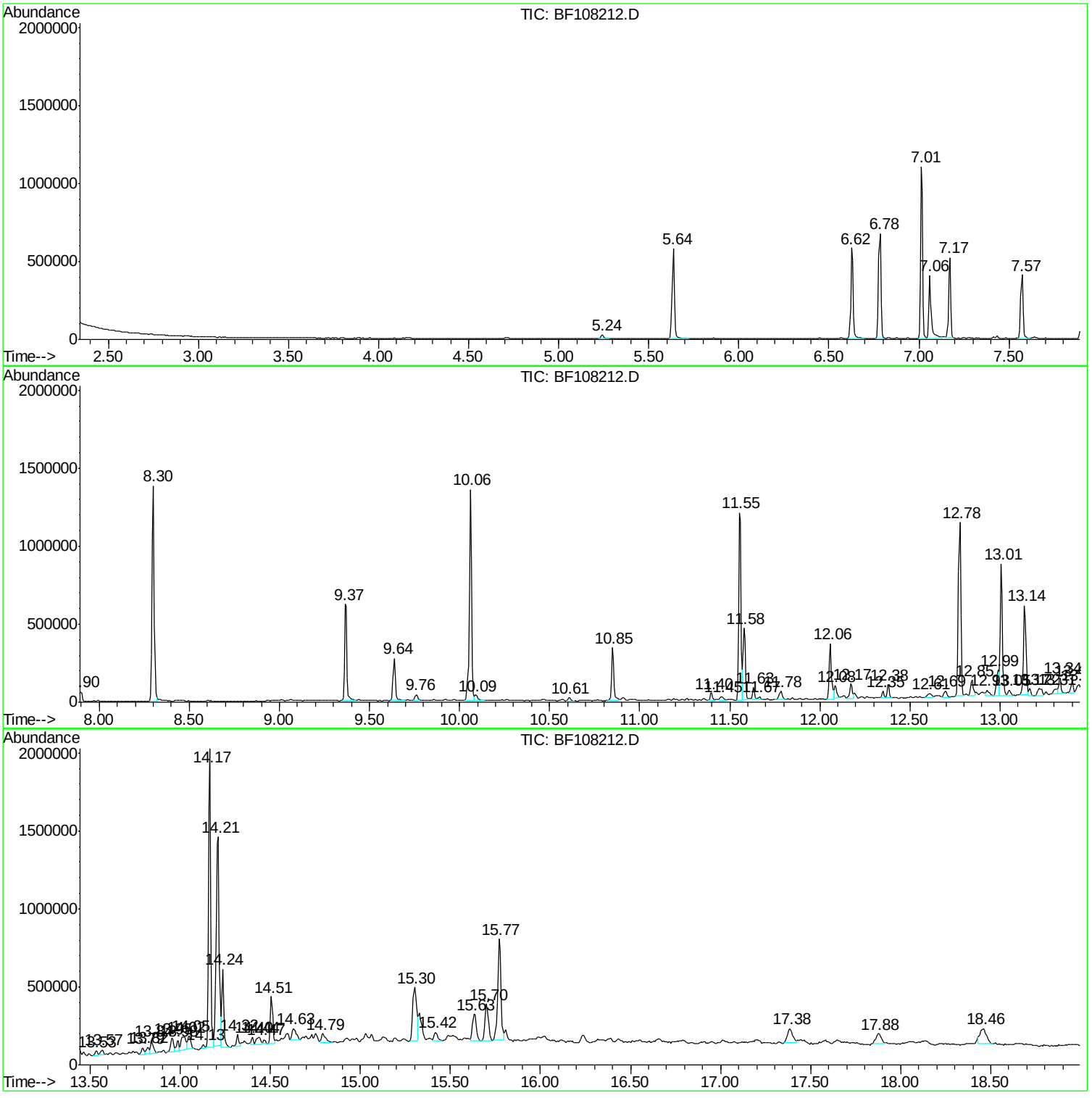
Sample : J4499-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSB-01(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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\BF081618\
Data File : BF108212.D
Acq On : 16 Aug 2018 23:08
Operator : JU/SJ
Sample : J4499-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSB-01(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

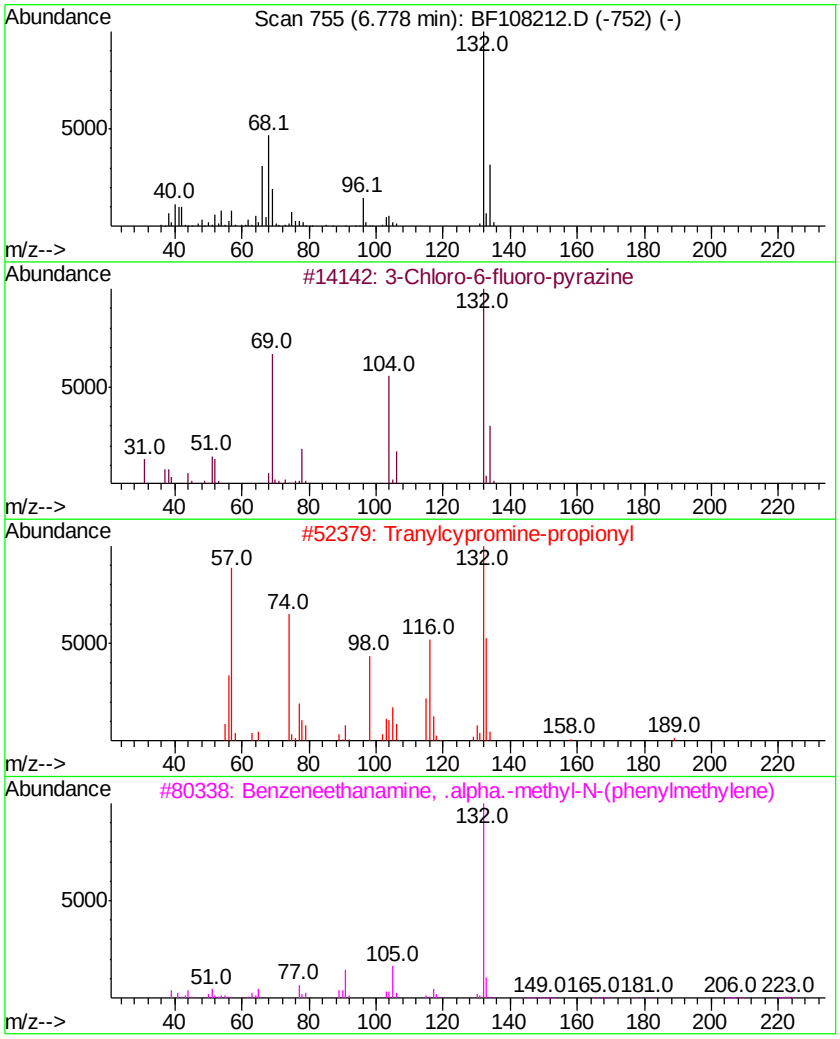
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

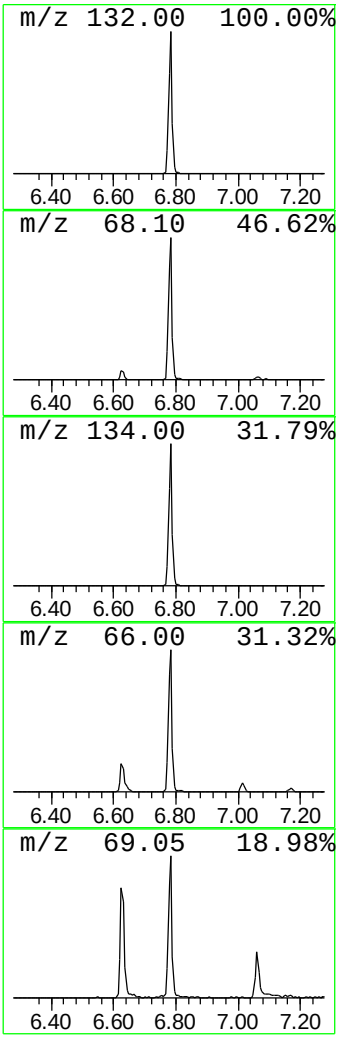
****

Peak Number 1 unknown6.78 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	11.80 ng	560425	1,4-Dichlorobenzene-d4	7.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Benzeneethanamine, .alpha.-methy...	223	C16H17N	002980-02-1	10
4	5-Aminoindole	132	C8H8N2	005192-03-0	10
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108212.D
Acq On : 16 Aug 2018 23:08
Operator : JU/SJ
Sample : J4499-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSB-01(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

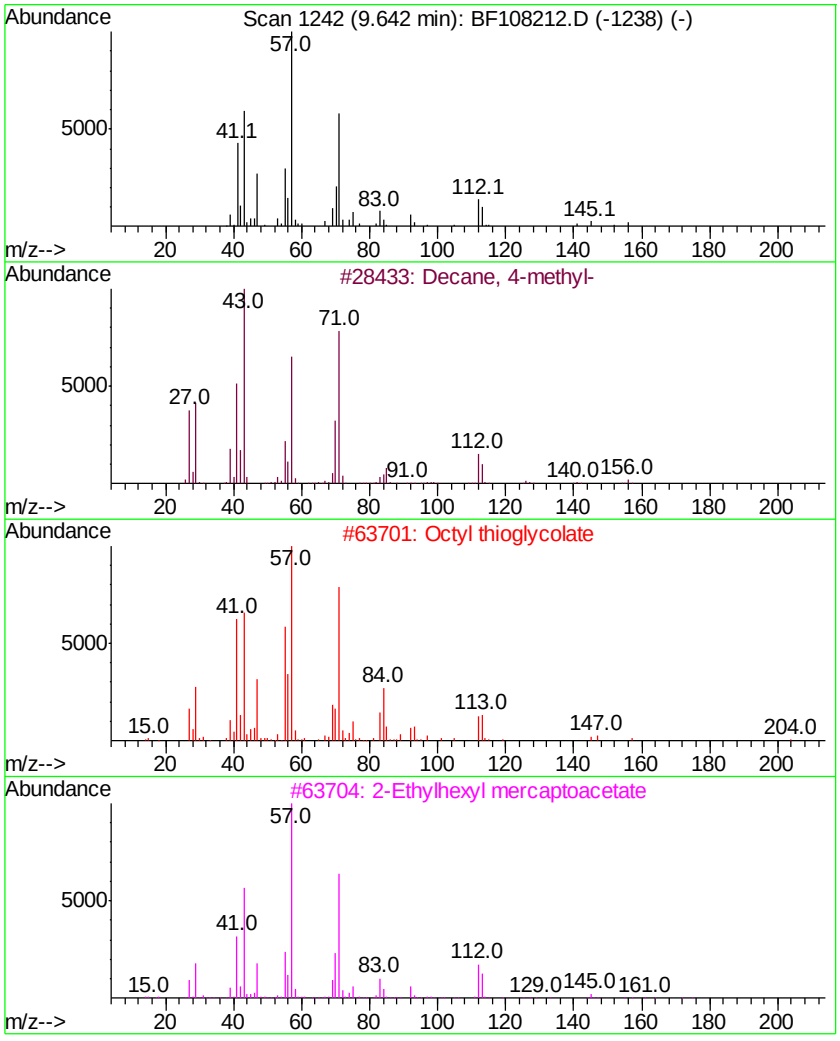
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

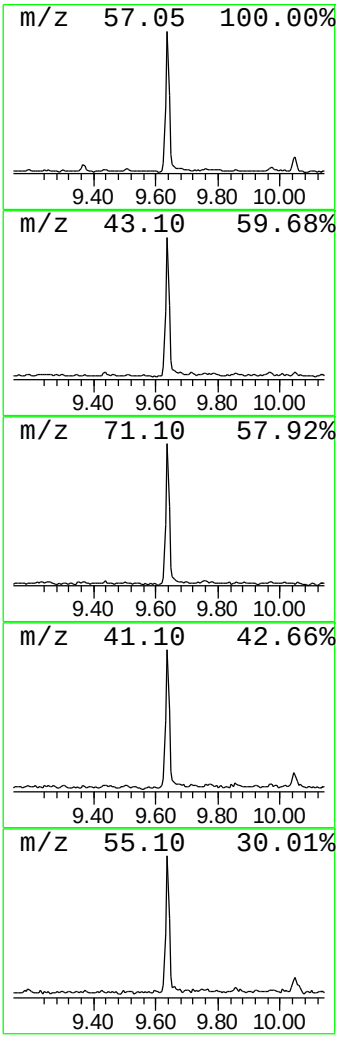
****

Peak Number 3 Decane, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	3.46 ng	217472	Acenaphthene-d10	10.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	64
2	Octyl thioglycolate	204	C10H20O2S	007664-80-4	64
3	2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	64
4	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	53
5	Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108212.D
Acq On : 16 Aug 2018 23:08
Operator : JU/SJ
Sample : J4499-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSB-01(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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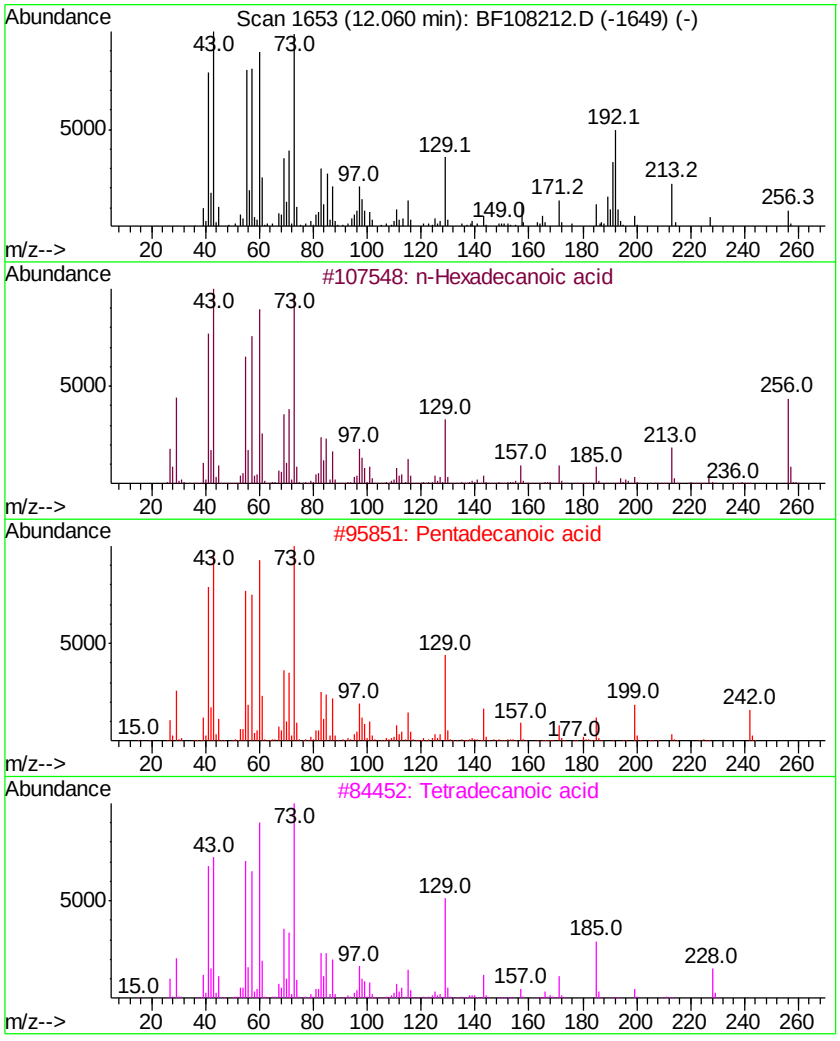
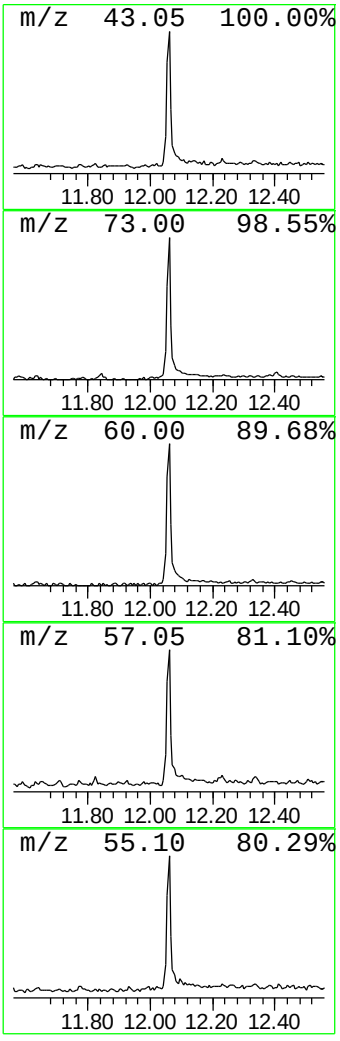
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	5.66 ng	336862	Phenanthrene-d10	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	Tridecanoic acid	214	C13H26O2	000638-53-9	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108212.D
Acq On : 16 Aug 2018 23:08
Operator : JU/SJ
Sample : J4499-01 5X
Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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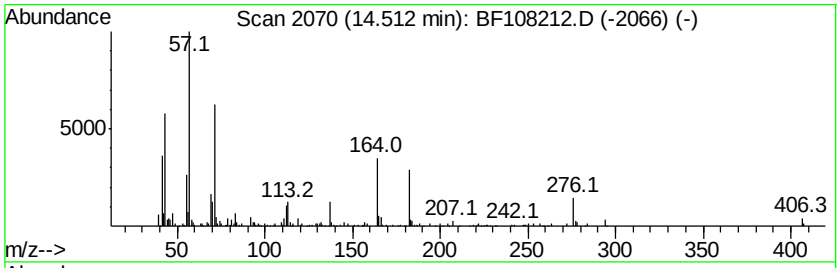
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

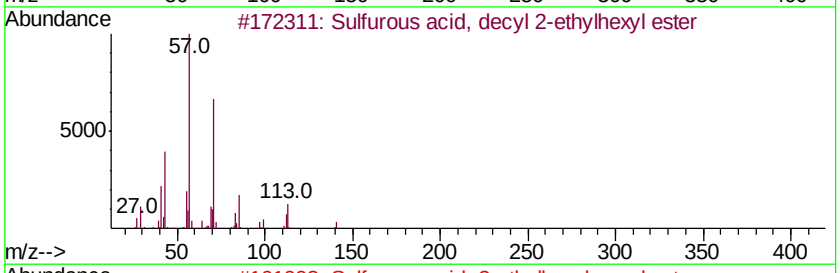
****

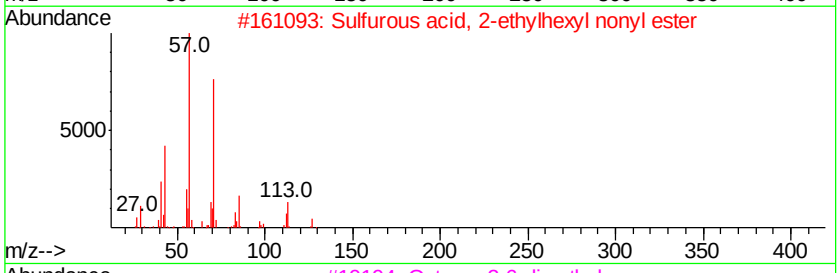
Peak Number 5 unknown14.51 Concentration Rank 7

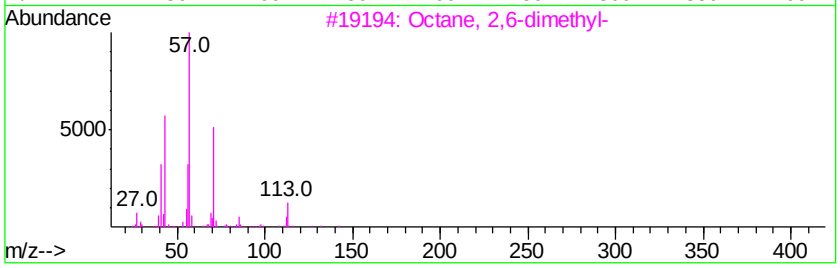
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	3.00 ng	247537	Chrysene-d12	14.21

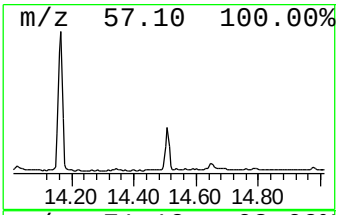
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	46
2	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	46
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43
4	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	38
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	38

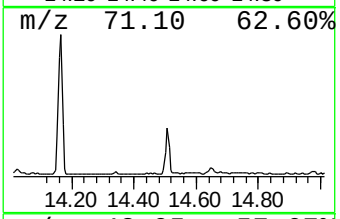


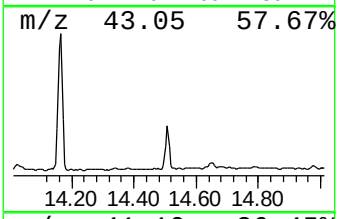


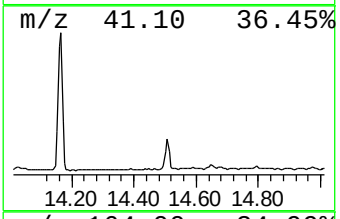


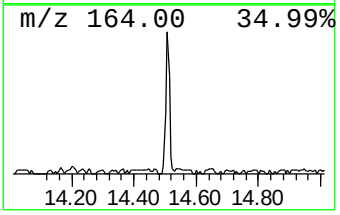












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108212.D
Acq On : 16 Aug 2018 23:08
Operator : JU/SJ
Sample : J4499-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSB-01(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

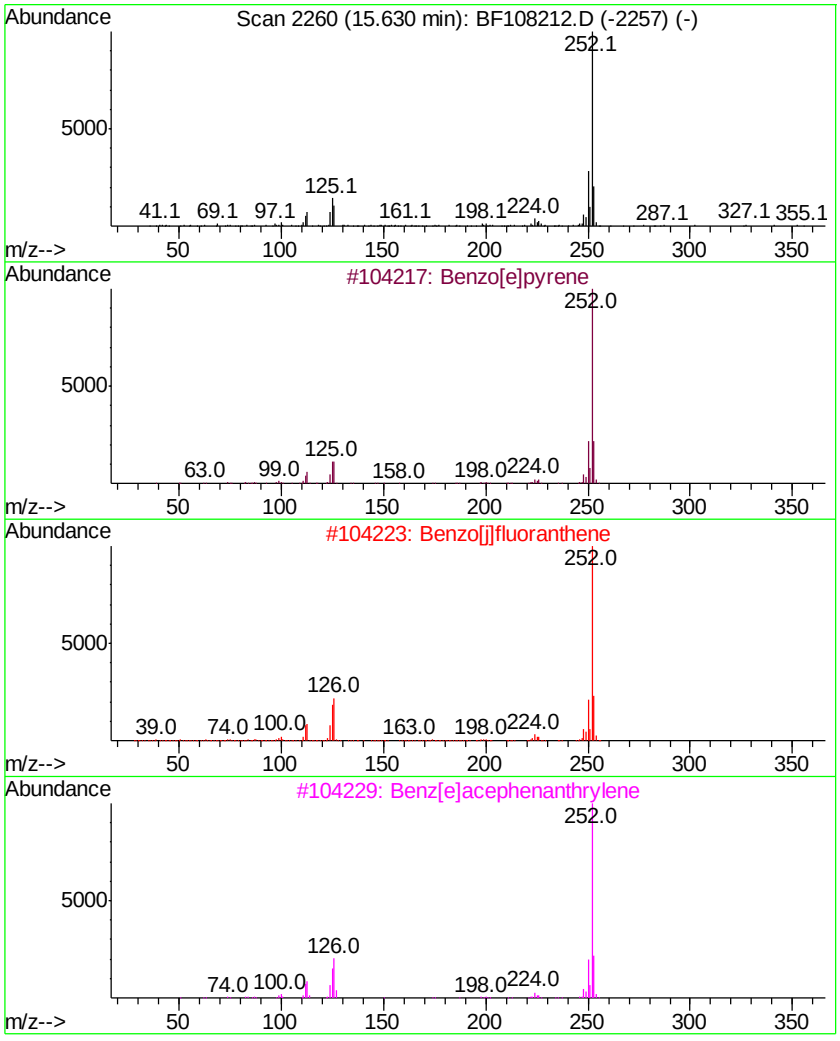
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

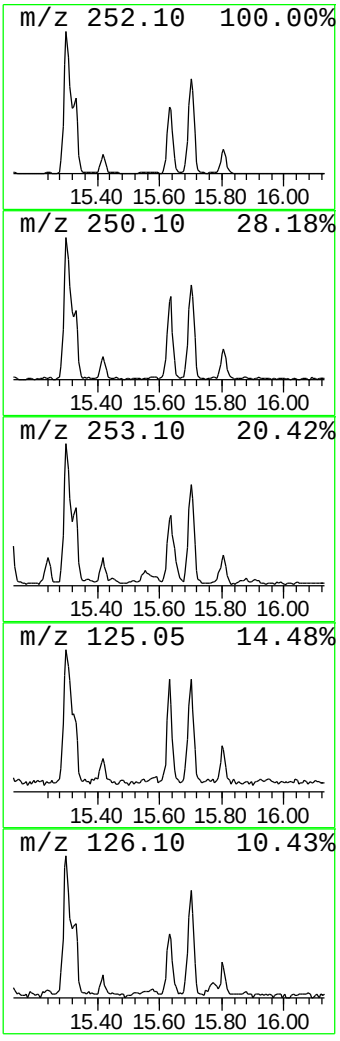
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	5.51 ng	237699	Perylene-d12	15.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108212.D
Acq On : 16 Aug 2018 23:08
Operator : JU/SJ
Sample : J4499-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSB-01(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

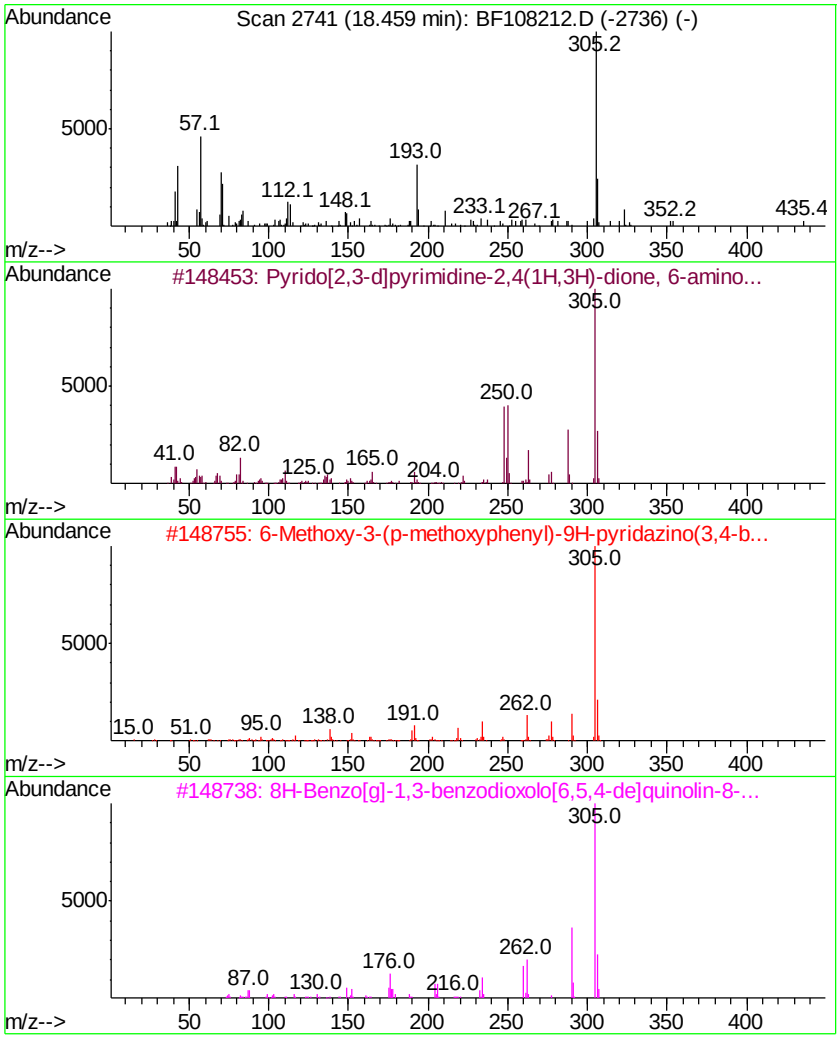
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

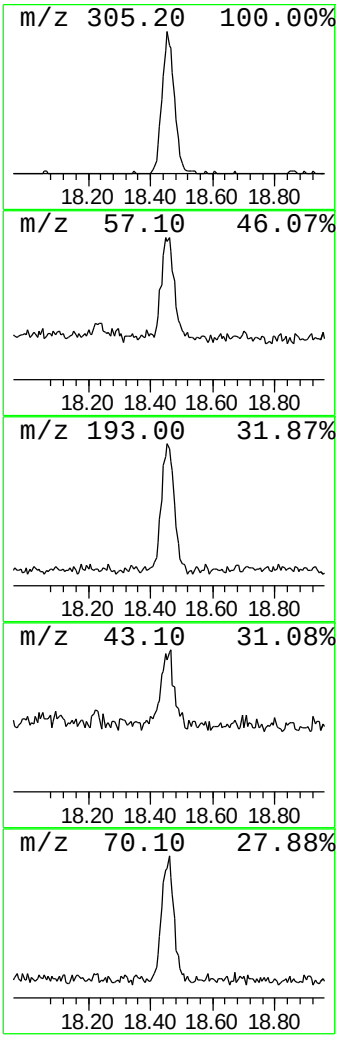
****

Peak Number 7 Pyrido[2,3-d]pyrimidine-2,4... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	5.71 ng	246754	Perylene-d12	15.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-d]pyrimidine-2,4(1H,3...	305	C13H15N5O4	339229-51-5	59
2	6-Methoxy-3-(p-methoxyphenyl)-9H...	305	C18H15N3O2	004460-54-2	53
3	8H-Benzo[g]-1,3-benzodioxolo[6,5...	305	C18H11NO4	003912-57-0	42
4	[2](1,4)Anthraceno[2](2,6)pyridi...	305	C23H15N	106727-24-6	40
5	Pyrazole-4-carbonyl chloride, 3-...	340	C20H21ClN2O	1000271-37-8	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
Data File : BF108212.D
Acq On : 16 Aug 2018 23:08
Operator : JU/SJ
Sample : J4499-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSB-01(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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
unknown6.78	6.78	11.8	ng	560425	1	7.01	950143	20.0
Decane, 4-methyl-	9.64	3.5	ng	217472	3	10.06	1258060	20.0
n-Hexadecanoic acid	12.06	5.7	ng	336862	4	11.55	1189400	20.0
unknown14.51	14.51	3.0	ng	247537	5	14.21	1650220	20.0
Benzo[e]pyrene	15.63	5.5	ng	237699	6	15.77	863569	20.0
Pyrido[2,3-d]pyri...	18.46	5.7	ng	246754	6	15.77	863569	20.0