LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120117\
Data File : BF101062.D
Acq On : 1 Dec 2017 14:50
Operator : SJ/JU
Sample : I6610-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(10-12)-20171127

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	5.051	502	504	511	rBB2	6215	6656	1.44%	0.108%
2	5.451	569	572	581	rBV	251093	217567	47.04%	3.533%
3	5.675	607	610	617	rBV	22075	22315	4.82%	0.362%
4	6.469	741	745	754	rBV	276664	234231	50.64%	3.804%
5	6.610	766	769	773	rBV	314886	241518	52.22%	3.922%
6	6.675	777	780	784	rBV	16643	14436	3.12%	0.234%
7	6.716	784	787	791	rVB	6725	5632	1.22%	0.091%
8	6.845	805	809	812	rBV	354098	292153	63.17%	4.744%
9	6.998	832	835	839	rBV	248319	188550	40.77%	3.062%
10	7.404	901	904	911	rBV	174152	138541	29.96%	2.250%
11	7.698	952	954	959	rBB	8391	7305	1.58%	0.119%
12	8.128	1023	1027	1030	rBV	510477	385592	83.37%	6.262%
13	9.198	1206	1209	1212	rVB	391314	288988	62.48%	4.693%
14	9.275	1220	1222	1225	rBB	7552	5320	1.15%	0.086%
15	9.592	1273	1276	1279	rBV	24083	18355	3.97%	0.298%
16	9.745	1298	1302	1308	rBB2	11475	13192	2.85%	0.214%
17	9.804	1309	1312	1315	rVB	11251	8241	1.78%	0.134%
18	9.881	1321	1325	1329	rVV	484580	426308	92.18%	6.923%
19	9.916	1329	1331	1333	rVB	6682	4870	1.05%	0.079%
20	10.081	1357	1359	1364	rVB3	7994	8431	1.82%	0.137%
21	10.304	1394	1397	1400	rVB	10178	8388	1.81%	0.136%
22	10.428	1415	1418	1421	rBB	7416	6033	1.30%	0.098%
23	10.669	1456	1459	1464	rBV	124470	98074	21.21%	1.593%
24	10.775	1475	1477	1479	rBV	7824	6480	1.40%	0.105%
25	11.175	1540	1545	1548	rBV2	11443	11184	2.42%	0.182%
26	11.222	1550	1553	1556	rVV2	7129	7287	1.58%	0.118%
27	11.263	1558	1560	1565	rVB	6989	6108	1.32%	0.099%
28	11.369	1575	1578	1581	rBV	484632	440603	95.27%	7.155%
29	11.392	1581	1582	1585	rVV	133500	81788	17.68%	1.328%
30	11.445	1585	1591	1593	rVB	26420	21141	4.57%	0.343%
31	11.604	1614	1618	1623	rBV2	9894	12718	2.75%	0.207%
32	11.651	1623	1626	1631	rVB4	4879	8503	1.84%	0.138%
33	11.698	1631	1634	1639	rBV5	4621	7107	1.54%	0.115%
34	11.827	1652	1656	1660	rBV7	3869	5169	1.12%	0.084%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120117\
Data File : BF101062.D
Acq On : 1 Dec 2017 14:50
Operator : SJ/JU
Sample : I6610-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(10-12)-20171127

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	11.869	1660	1663	1664	rVV	23220	18619	4.03%	0.302%
36	11.892	1664	1667	1674	rVV2	154153	166957	36.10%	2.711%
37	11.945	1674	1676	1679	rVV	15064	15172	3.28%	0.246%
38	11.986	1679	1683	1685	rVV2	29827	38634	8.35%	0.627%
39	12.004	1685	1686	1690	rVV	18548	13605	2.94%	0.221%
40	12.057	1692	1695	1697	rBV4	5353	6867	1.48%	0.112%
41	12.163	1710	1713	1715	rBV	14292	12877	2.78%	0.209%
42	12.192	1715	1718	1720	rBV	15776	14569	3.15%	0.237%
43	12.269	1728	1731	1734	rBV5	4240	6936	1.50%	0.113%
44	12.416	1753	1756	1759	rBV	16454	18954	4.10%	0.308%
45	12.457	1759	1763	1765	rVV4	12717	16871	3.65%	0.274%
46	12.510	1768	1772	1776	rBV4	15557	17223	3.72%	0.280%
47	12.545	1776	1778	1781	rBV3	6059	6373	1.38%	0.103%
48	12.586	1781	1785	1789	rBV	197399	187070	40.45%	3.038%
49	12.686	1797	1802	1810	rBV	430257	462497	100.00%	7.511%
50	12.769	1813	1816	1818	rVV2	34310	38467	8.32%	0.625%
51	12.816	1818	1824	1827	rVV	164877	183751	39.73%	2.984%
52	12.863	1830	1832	1836	rVB4	8428	9410	2.03%	0.153%
53	12.951	1844	1847	1850	rVV	310403	240476	52.00%	3.905%
54	12.974	1850	1851	1854	rVB2	13824	8723	1.89%	0.142%
55	13.133	1872	1878	1884	rBV3	22492	51690	11.18%	0.839%
56	13.204	1888	1890	1893	rVV4	8702	9020	1.95%	0.146%
57	13.245	1893	1897	1900	rVB4	20089	25605	5.54%	0.416%
58	13.339	1911	1913	1916	rVB	11507	8135	1.76%	0.132%
59	13.369	1916	1918	1921	rVV2	12179	11378	2.46%	0.185%
60	13.427	1925	1928	1931	rVB	104509	89636	19.38%	1.456%
61	13.474	1933	1936	1939	rVB3	16840	16671	3.60%	0.271%
62	13.651	1964	1966	1968	rBV	20593	15371	3.32%	0.250%
63	13.845	1996	1999	2000	rBV3	19455	19320	4.18%	0.314%
64	13.980	2020	2022	2023	rBV2	10933	6571	1.42%	0.107%
65	14.010	2023	2027	2030	rVV2	353343	399167	86.31%	6.482%
66	14.039	2030	2032	2038	rVB	74721	64163	13.87%	1.042%
67	15.051	2201	2204	2208	rBV	72188	105136	22.73%	1.707%
68	15.357	2253	2256	2261	rVB	45490	55631	12.03%	0.903%
69	15.421	2263	2267	2271	rVV	77162	110011	23.79%	1.787%
70	15.486	2274	2278	2288	rVB	284181	372616	80.57%	6.051%
71	16.962	2524	2529	2534	rBV	31392	59502	12.87%	0.966%

LSC Area Percent Report

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Acq On : 1 Dec 2017 14:50
Operator : SJ/JU
Sample : I6610-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(10-12)-20171127

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	18.286	2752	2754	2756	rBV3	7156	5329	1.15%	0.087%

Sum of corrected areas: 6157787

LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120117\
Data File : BF101062.D
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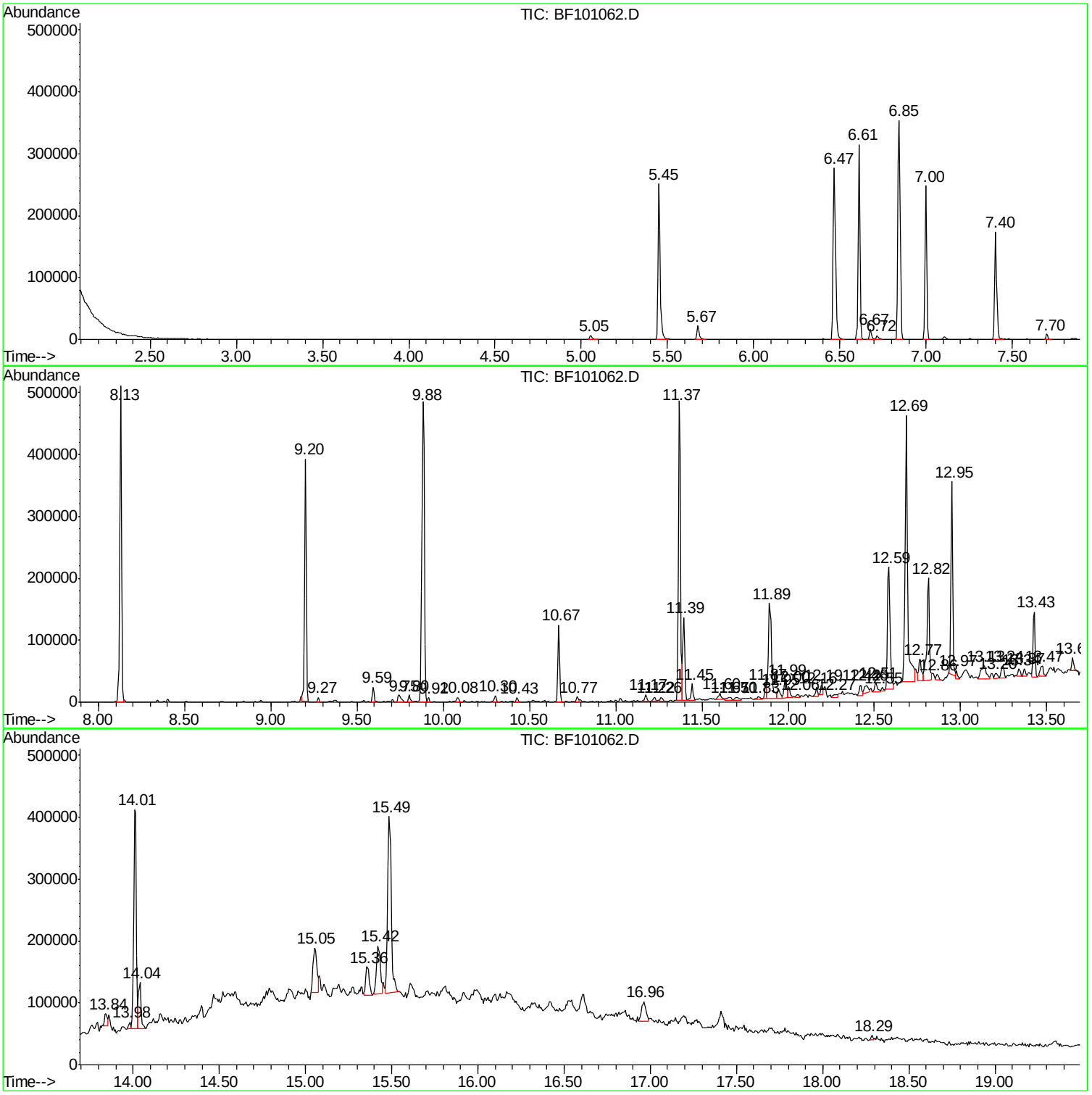
Operator : SJ/JU
Sample : I6610-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3(10-12)-20171127

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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120117\
Data File : BF101062.D
Acq On : 1 Dec 2017 14:50
Operator : SJ/JU
Sample : I6610-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(10-12)-20171127

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

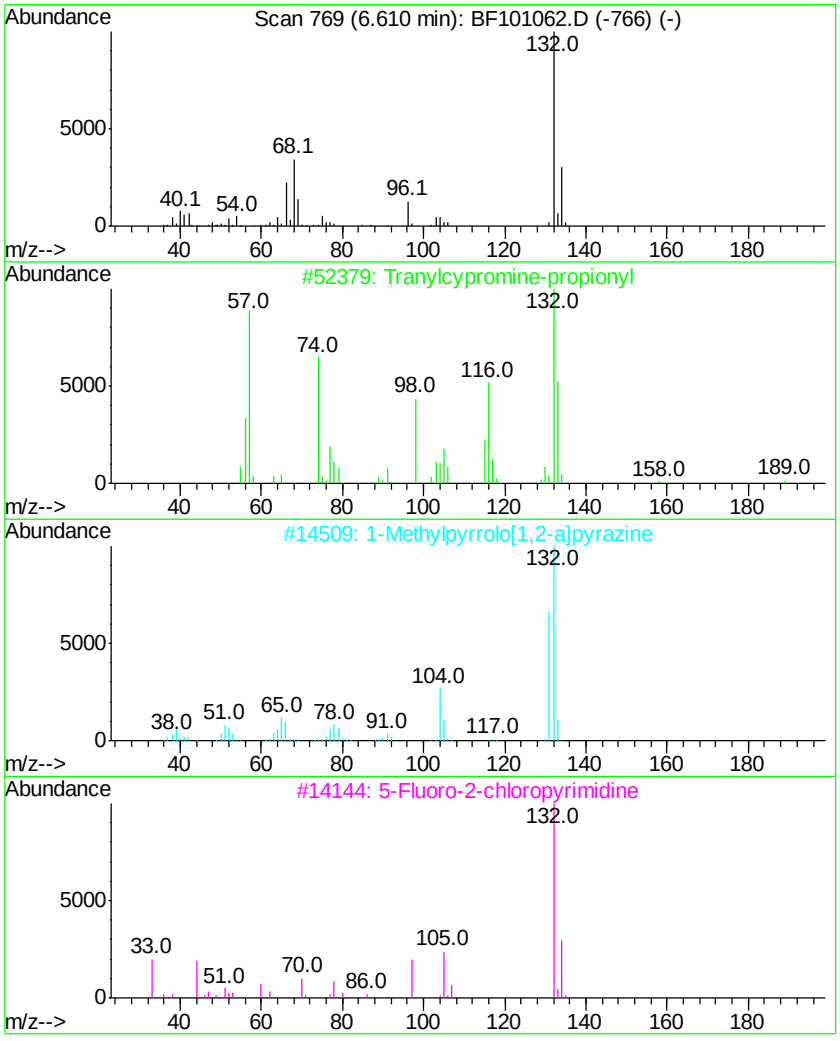
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

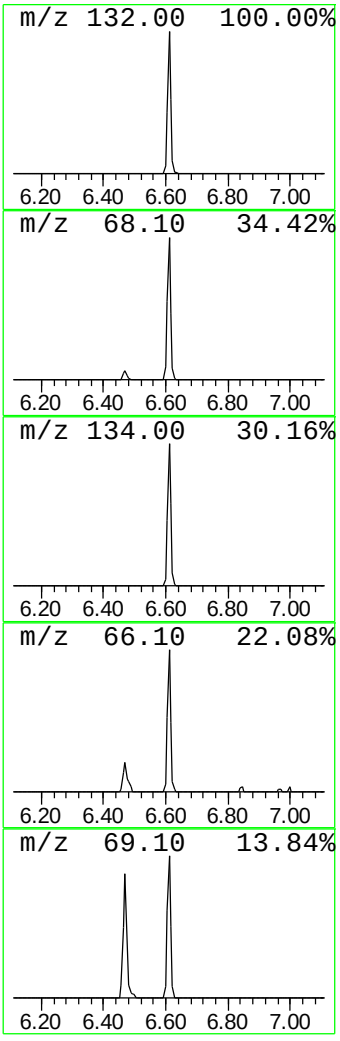
****

Peak Number 1 unknown6.61 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	16.53 ng	241518	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
2	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120117\
Data File : BF101062.D
Acq On : 1 Dec 2017 14:50
Operator : SJ/JU
Sample : I6610-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(10-12)-20171127

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

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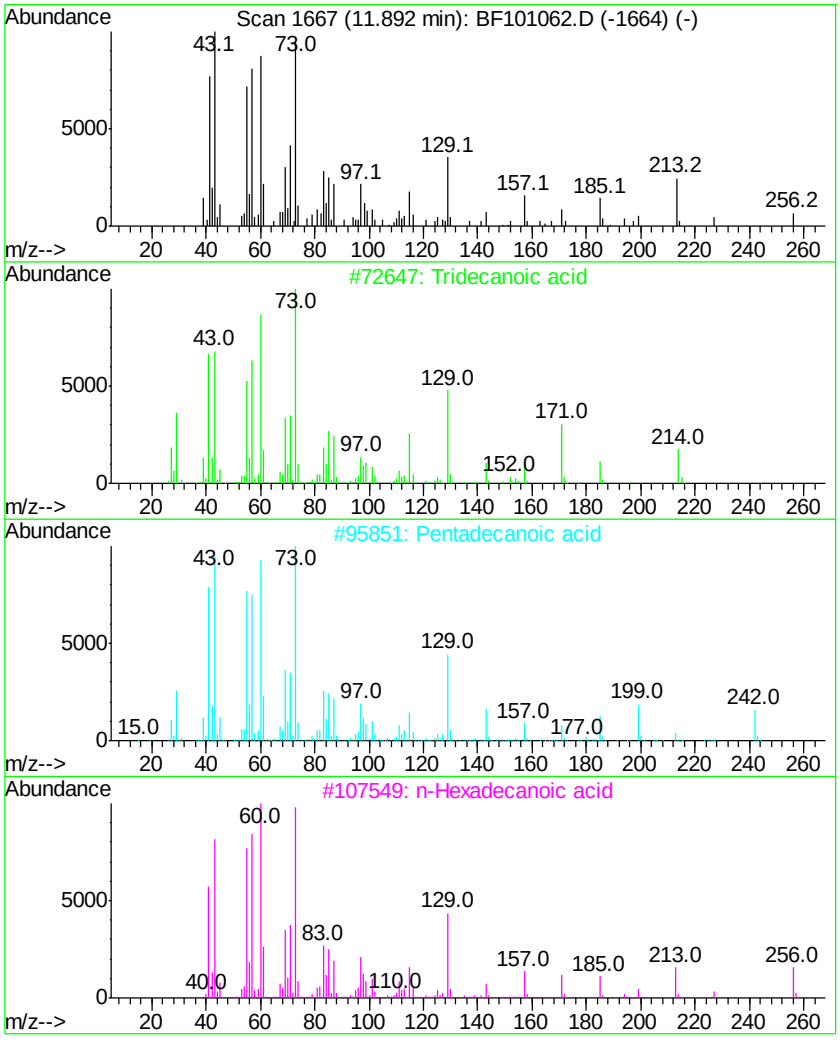
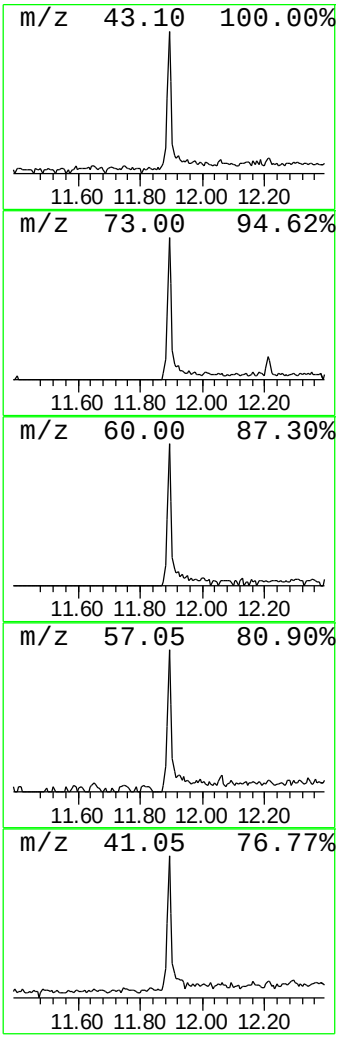
Peak Number 3 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	7.58 ng	166957	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
4	Undecanoic acid	186	C11H22O2	000112-37-8	52
5	n-Decanoic acid	172	C10H20O2	000334-48-5	46





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120117\
Data File : BF101062.D
Acq On : 1 Dec 2017 14:50
Operator : SJ/JU
Sample : I6610-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(10-12)-20171127

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

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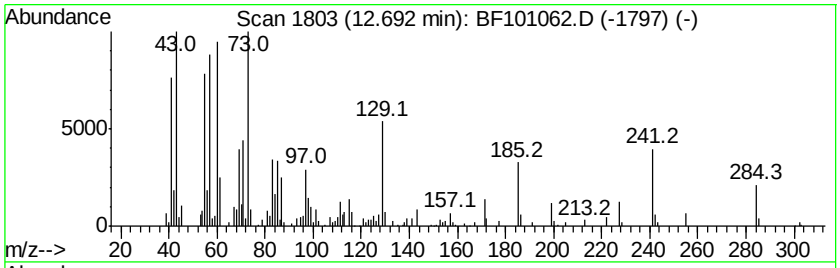
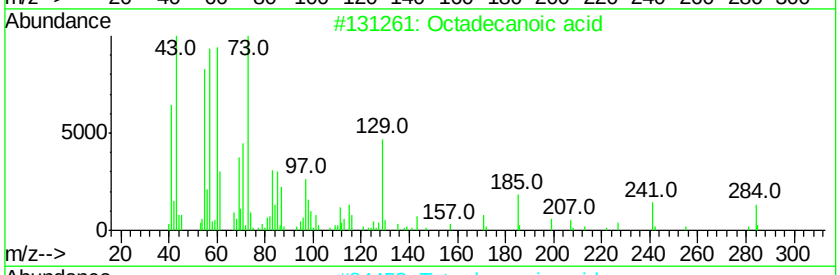
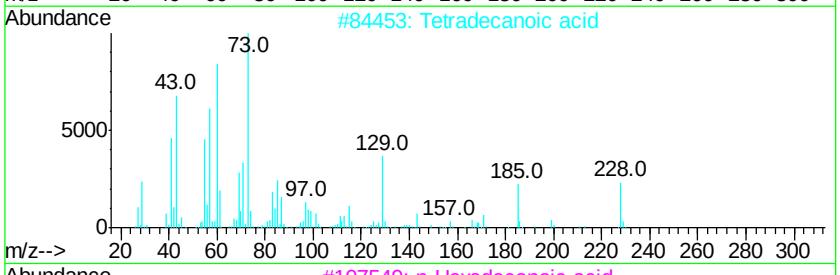
Peak Number 4 Octadecanoic acid Concentration Rank 1

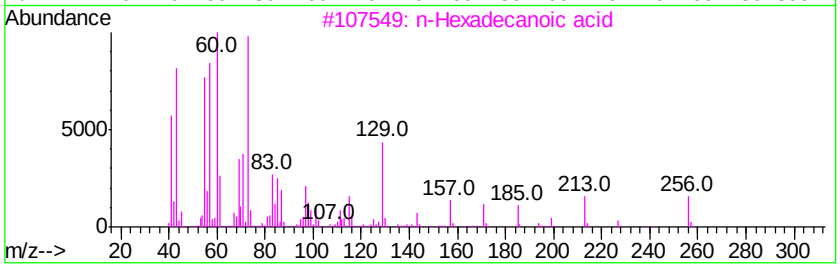
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	20.99 ng	462497	Phenanthrene-d10	11.37

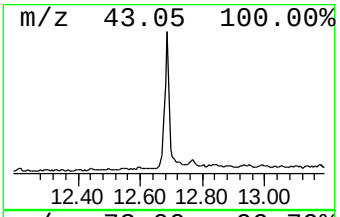
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58

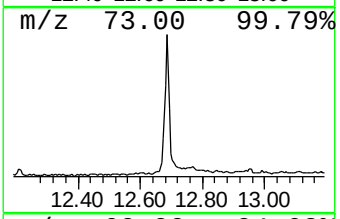


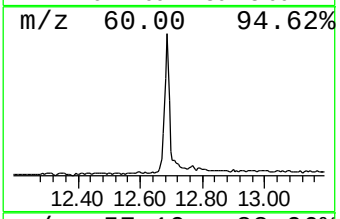


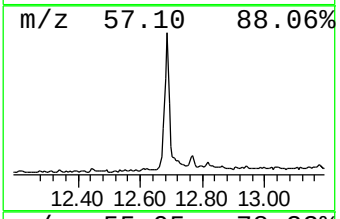


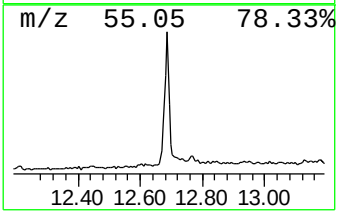












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ClientSampleId : SB-3(10-12)-20171127

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

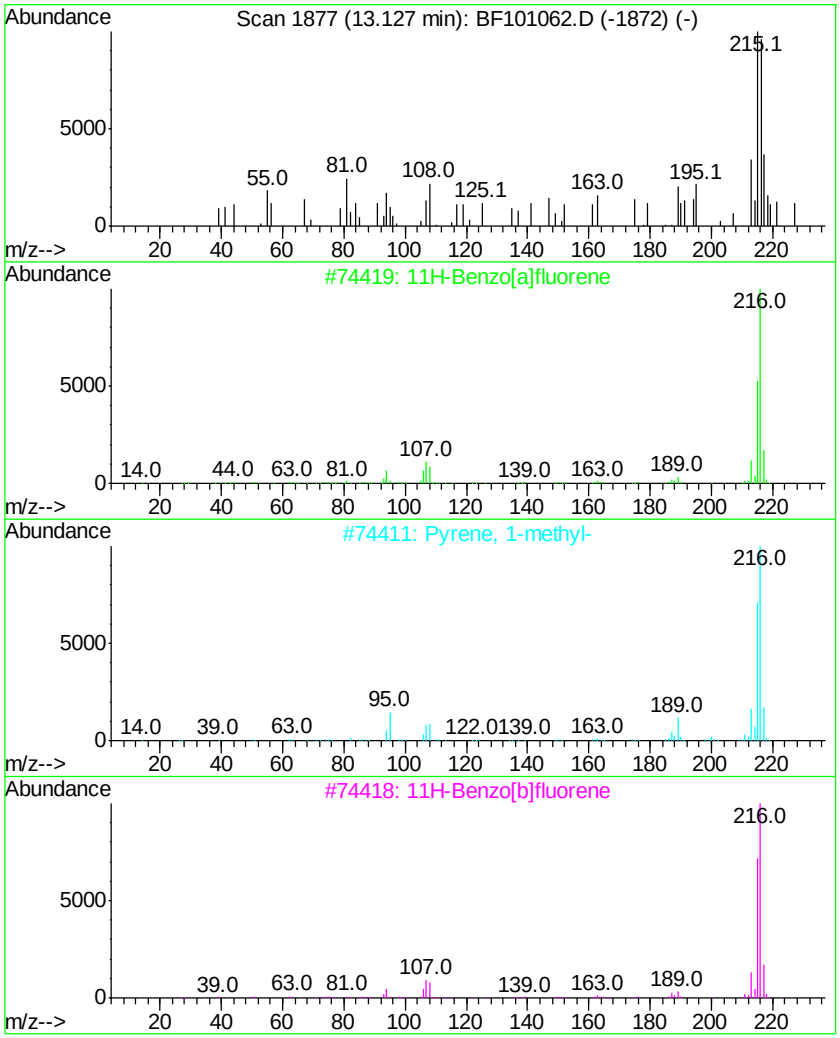
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

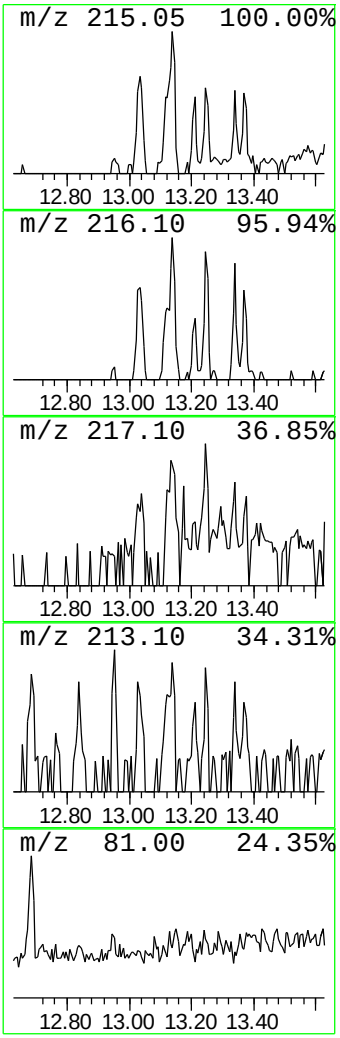
****

Peak Number 5 11H-Benzo[a]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	2.59 ng	51690	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	58
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	53





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Data File : BF101062.D
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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(10-12)-20171127

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

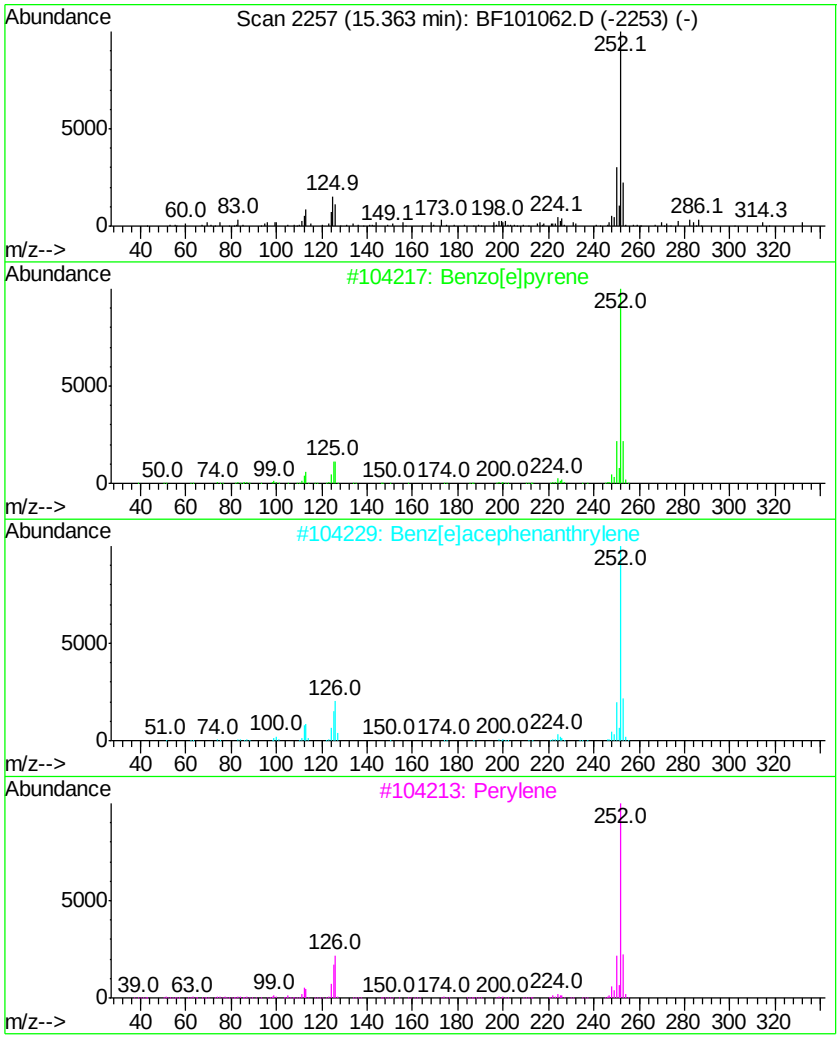
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

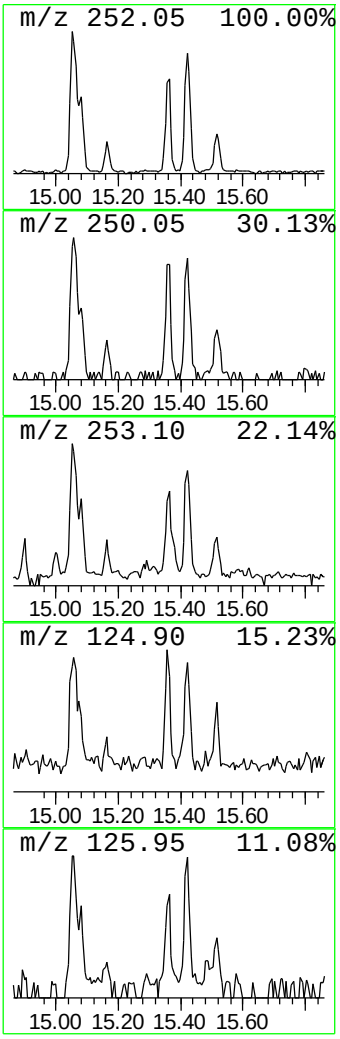
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	2.99 ng	55631	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89
3	Perylene	252	C20H12	000198-55-0	89
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
5	Benzo[a]pyrene	252	C20H12	000050-32-8	74





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF120117\
Data File : BF101062.D
Acq On : 1 Dec 2017 14:50
Operator : SJ/JU
Sample : I6610-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(10-12)-20171127

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
unknown6.61	6.61	16.5	ng	241518	1	6.85	292153	20.0
Tridecanoic acid	11.89	7.6	ng	166957	4	11.37	440603	20.0
Octadecanoic acid	12.69	21.0	ng	462497	4	11.37	440603	20.0
11H-Benzo[a]fluorene	13.13	2.6	ng	51690	5	14.02	399167	20.0
Benzo[e]pyrene	15.36	3.0	ng	55631	6	15.49	372616	20.0