LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101120.D
Acq On : 5 Dec 2017 13:21
Operator : SJ/JU
Sample : I6734-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Driveway-Paving-1(0-12)

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	5.075	505	508	519	rBV	64072	82879	7.02%	0.698%
2	5.469	571	575	587	rBV	1090323	1037934	87.86%	8.744%
3	6.481	742	747	758	rBV	1041209	1077662	91.23%	9.078%
4	6.616	766	770	774	rBV	1178041	1118066	94.65%	9.419%
5	6.845	806	809	813	rBV	398055	311649	26.38%	2.625%
6	7.004	832	836	839	rBV	998886	850004	71.96%	7.160%
7	7.410	900	905	908	rBV	663654	678748	57.46%	5.718%
8	8.128	1023	1027	1031	rBV	502721	409324	34.65%	3.448%
9	9.204	1205	1210	1213	rBV	1429165	1181287	100.00%	9.951%
10	9.598	1273	1277	1284	rVB	155779	138963	11.76%	1.171%
11	9.804	1306	1312	1317	rBV	40154	35924	3.04%	0.303%
12	9.886	1322	1326	1330	rBV	514070	451662	38.23%	3.805%
13	10.304	1395	1397	1400	rVB	44370	30275	2.56%	0.255%
14	10.675	1456	1460	1469	rBV	786227	716622	60.66%	6.037%
15	10.775	1475	1477	1487	rVB	40995	44519	3.77%	0.375%
16	11.222	1550	1553	1556	rBV	24740	21050	1.78%	0.177%
17	11.374	1575	1579	1581	rBV	582031	470421	39.82%	3.963%
18	11.398	1581	1583	1588	rVB	75443	60941	5.16%	0.513%
19	11.651	1623	1626	1632	rVB	15981	14583	1.23%	0.123%
20	11.886	1662	1666	1672	rBV2	31872	44873	3.80%	0.378%
21	11.986	1680	1683	1686	rBV	23371	24526	2.08%	0.207%
22	12.586	1781	1785	1789	rBV	228254	196952	16.67%	1.659%
23	12.816	1818	1824	1828	rBV	206443	203306	17.21%	1.713%
24	12.957	1844	1848	1851	rBV	1191919	1099582	93.08%	9.263%
25	13.033	1857	1861	1865	rBV4	10610	16029	1.36%	0.135%
26	13.145	1878	1880	1884	rVB	24092	21224	1.80%	0.179%
27	13.210	1889	1891	1894	rBV	18676	15256	1.29%	0.129%
28	13.251	1894	1898	1900	rBV2	15684	15786	1.34%	0.133%
29	13.839	1995	1998	2001	rVB3	58684	49356	4.18%	0.416%
30	14.015	2023	2028	2031	rBV2	419195	445744	37.73%	3.755%
31	14.039	2031	2032	2038	rVB	78501	62506	5.29%	0.527%
32	14.121	2043	2046	2050	rVB	15818	13754	1.16%	0.116%
33	14.404	2089	2094	2097	rBV	13512	15951	1.35%	0.134%
34	14.474	2102	2106	2109	rBV4	15464	16342	1.38%	0.138%

LSC Area Percent Report

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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.845	2165	2169	2174	rVB	36028	37305	3.16%	0.314%
36	15.057	2201	2205	2209	rBV	74170	111338	9.43%	0.938%
37	15.168	2221	2224	2230	rVB	13961	16336	1.38%	0.138%
38	15.362	2253	2257	2263	rVB	47471	55090	4.66%	0.464%
39	15.427	2263	2268	2273	rBV	64790	75524	6.39%	0.636%
40	15.492	2273	2279	2283	rVV	236566	297536	25.19%	2.506%
41	15.521	2283	2284	2290	rVB2	22904	20025	1.70%	0.169%
42	15.692	2308	2313	2320	rBV7	6206	13764	1.17%	0.116%
43	15.915	2347	2351	2357	rBV4	16526	24519	2.08%	0.207%
44	15.974	2357	2361	2367	rVV4	10150	16460	1.39%	0.139%
45	16.968	2523	2530	2536	rBV3	36259	81540	6.90%	0.687%
46	17.415	2601	2606	2614	rVB	27062	58592	4.96%	0.494%
47	17.515	2617	2623	2632	rBV7	23140	57072	4.83%	0.481%
48	17.662	2644	2648	2661	rVB5	8317	18115	1.53%	0.153%
49	18.550	2794	2799	2801	rBV5	9042	13948	1.18%	0.117%

Sum of corrected areas: 11870864

LSC Report - Integrated Chromatogram

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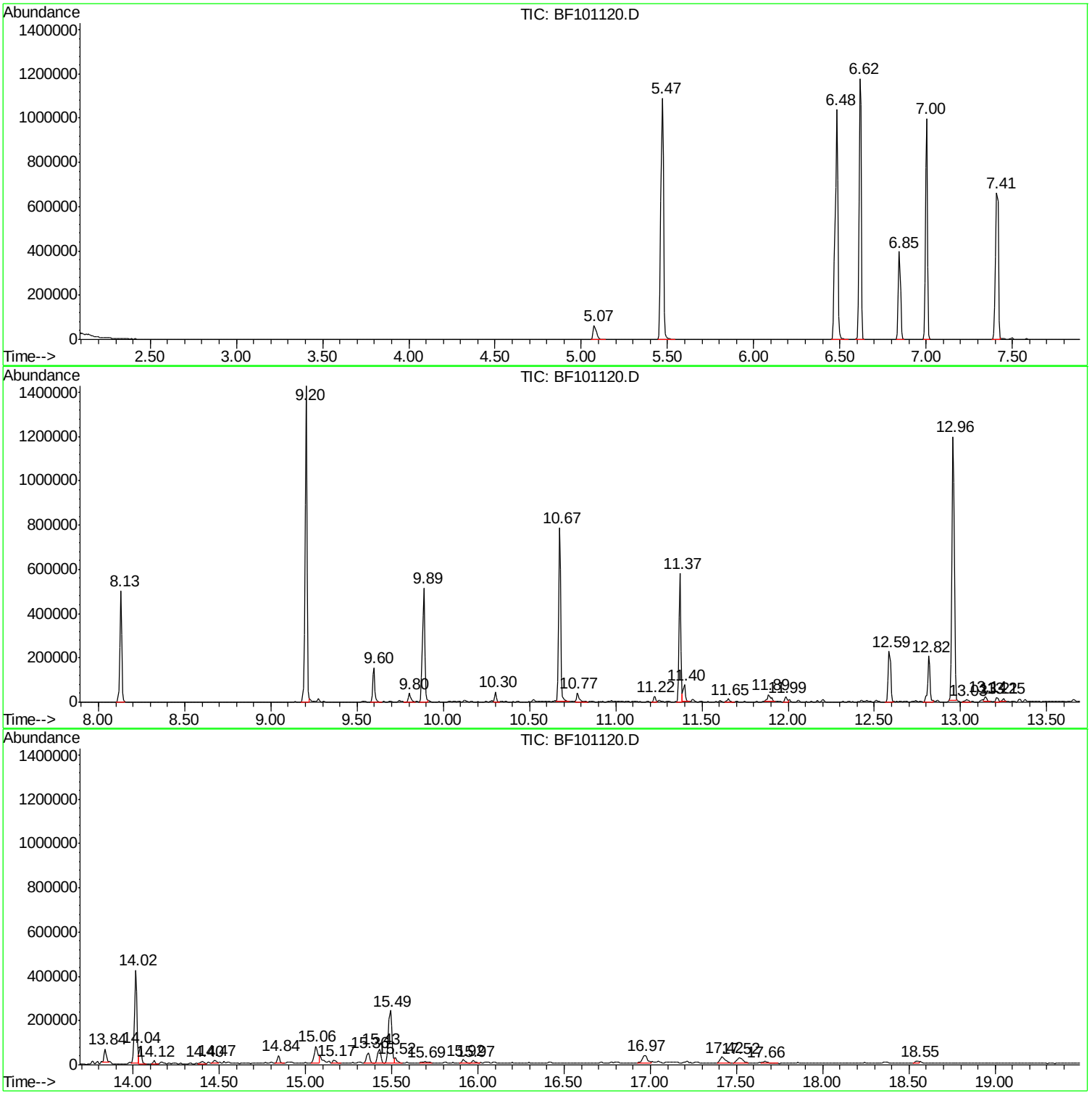
Sample : I6734-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Driveway-Paving-1(0-12)

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

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Data File : BF101120.D
Acq On : 5 Dec 2017 13:21
Operator : SJ/JU
Sample : I6734-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Driveway-Paving-1(0-12)

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

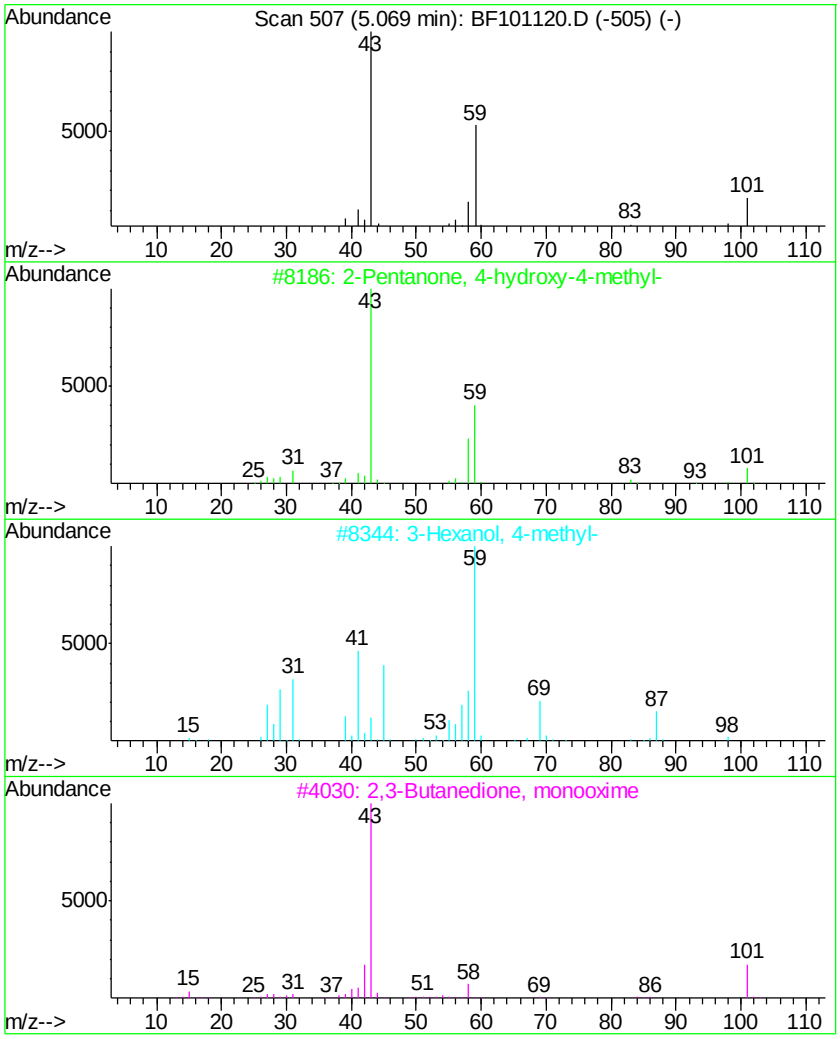
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

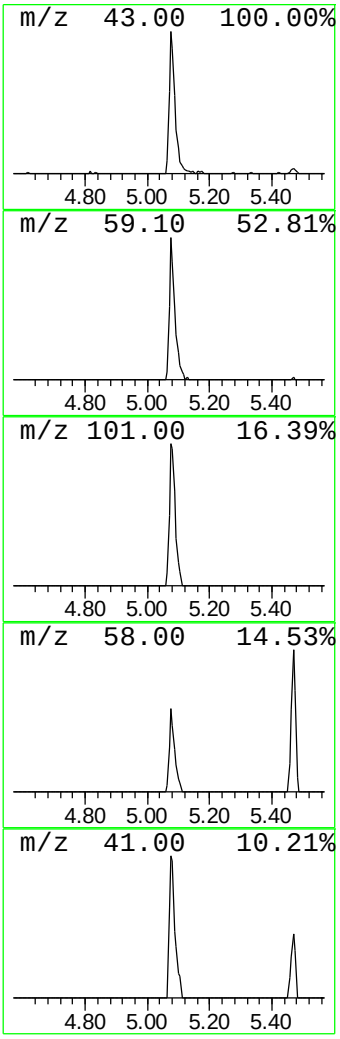
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	5.32 ng	82879	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4	Acetone	58	C3H6O	000067-64-1	12
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

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Operator : SJ/JU
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Instrument : BNA_F
ClientSampleId : Driveway-Paving-1(0-12)

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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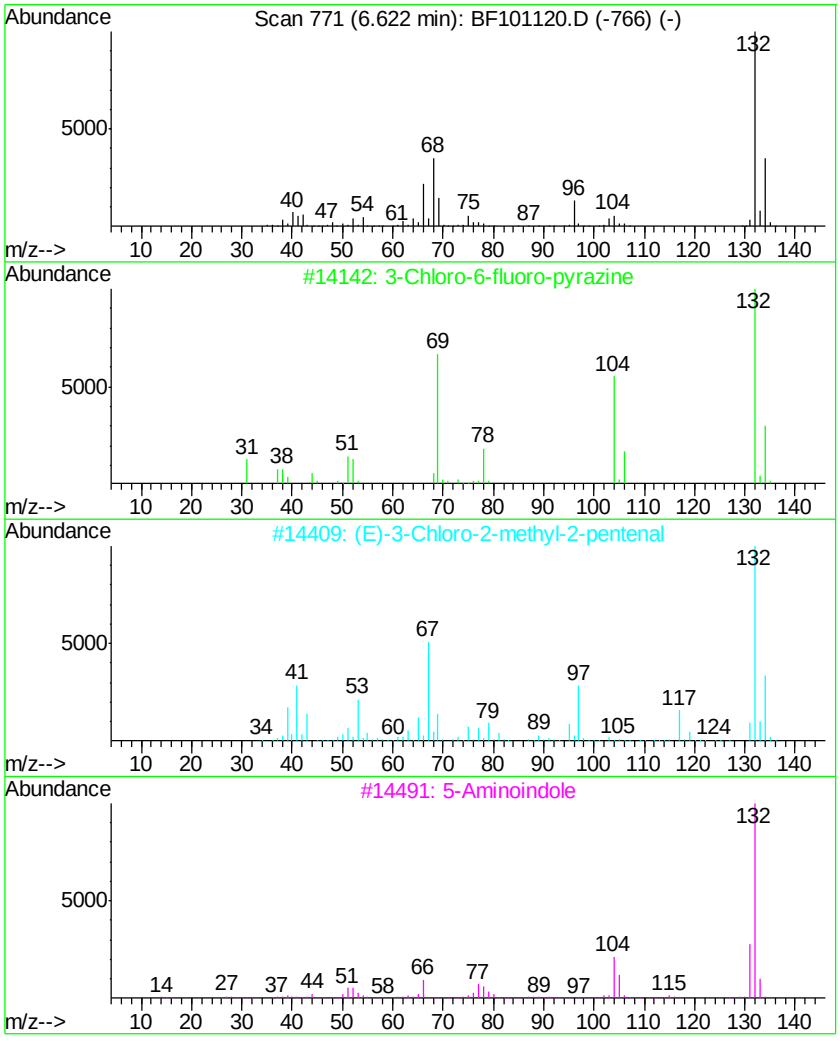
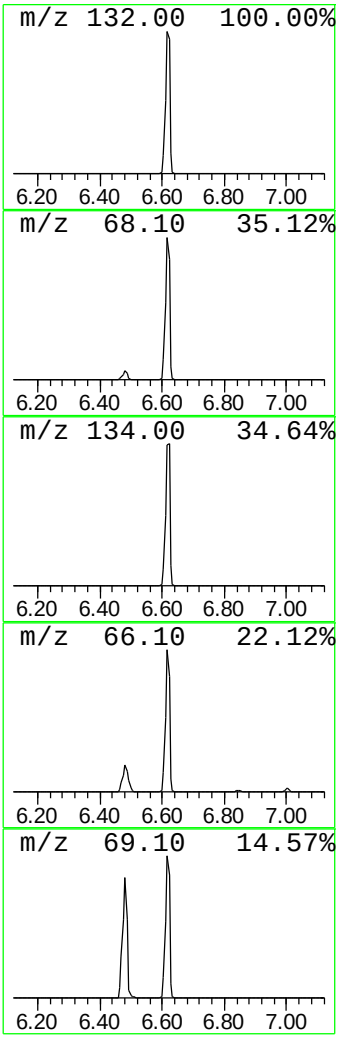
Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	71.75 ng	1118070	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	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Data File : BF101120.D
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Operator : SJ/JU
Sample : I6734-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Driveway-Paving-1(0-12)

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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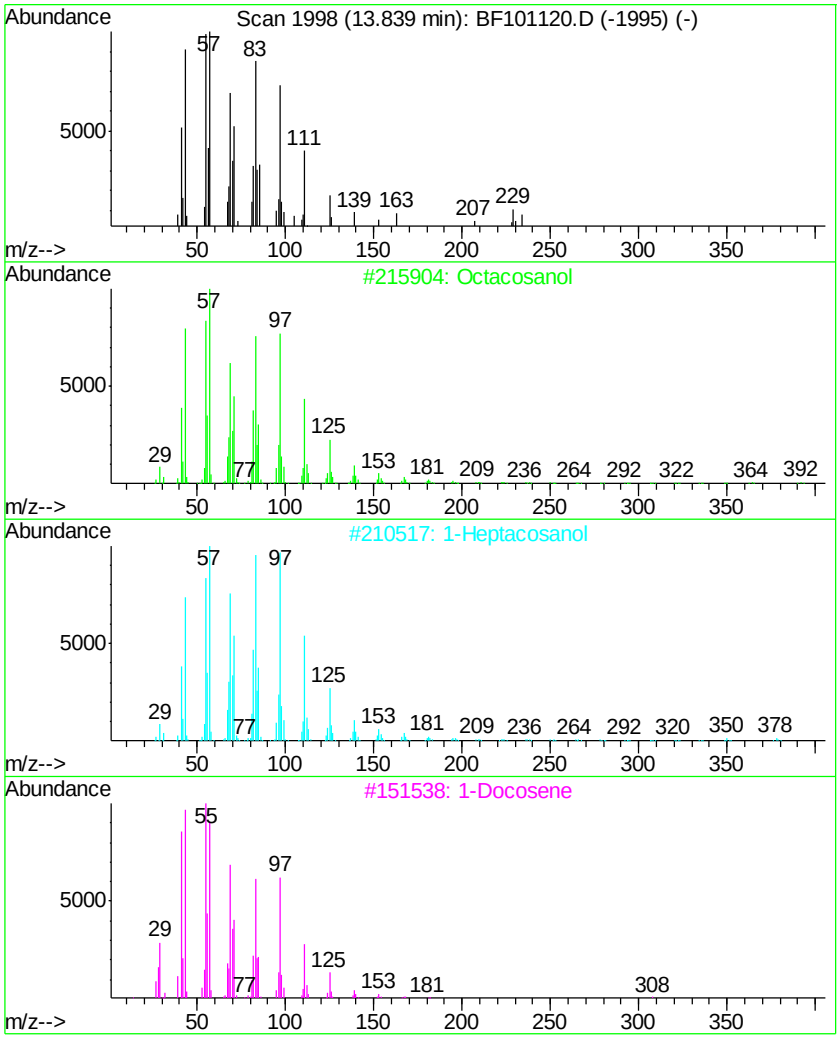
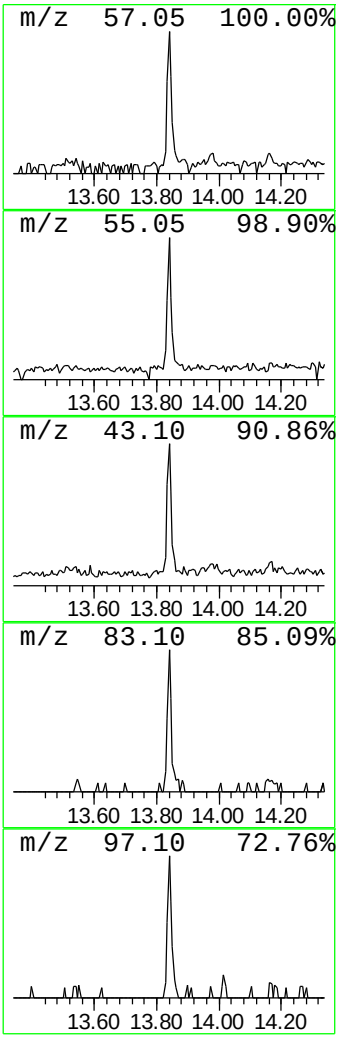
Peak Number 4 Octacosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	2.21 ng	49356	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	90
2	1-Heptacosanol	396	C27H56O	002004-39-9	90
3	1-Docosene	308	C22H44	001599-67-3	90
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
5	1-Heneicosanol	312	C21H44O	015594-90-8	87





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : Driveway-Paving-1(0-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
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TIC Library : C:\DATABASE\NIST11.L
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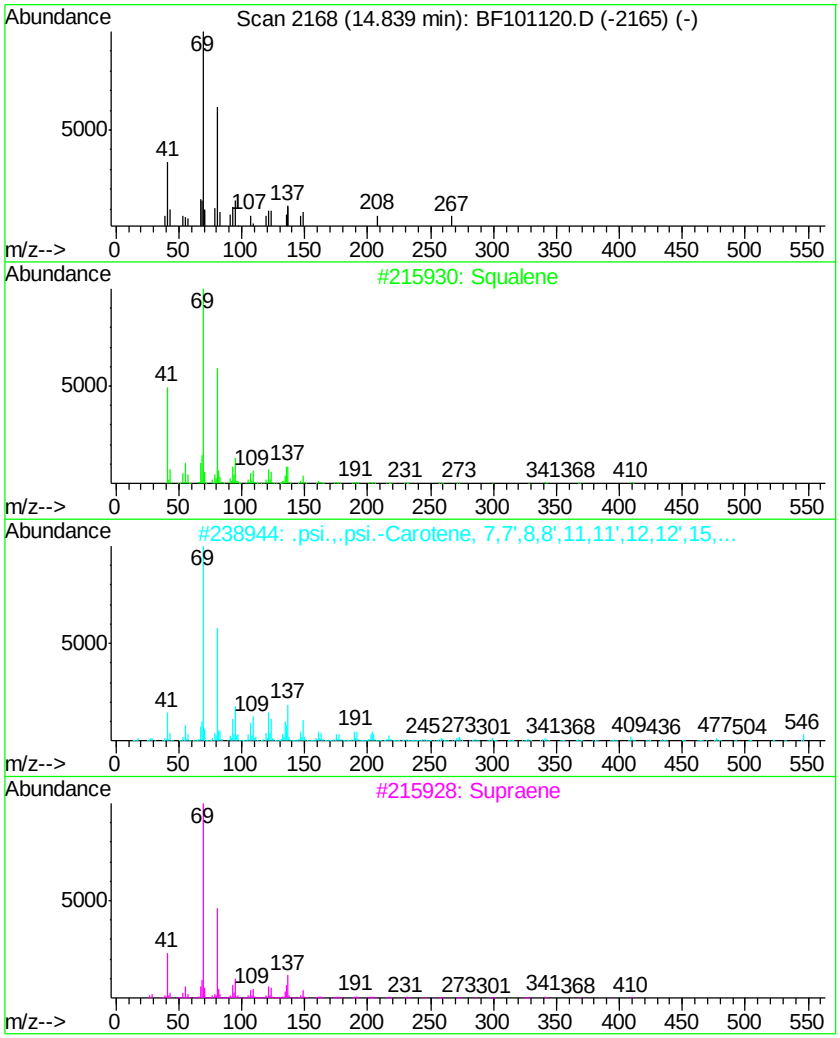
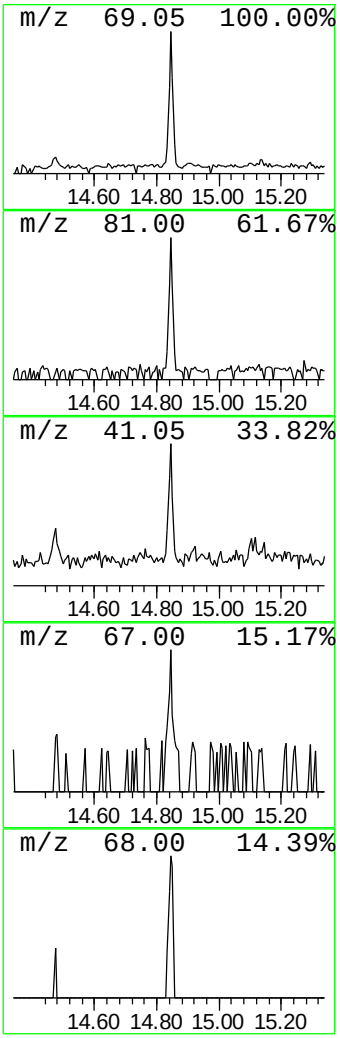
Peak Number 5 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	2.51 ng	37305	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	90
2	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	83
3	Supraene	410	C30H50	007683-64-9	72
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	72
5	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	72





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Sample : I6734-01
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Instrument : BNA_F
ClientSampleId : Driveway-Paving-1(0-12)

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
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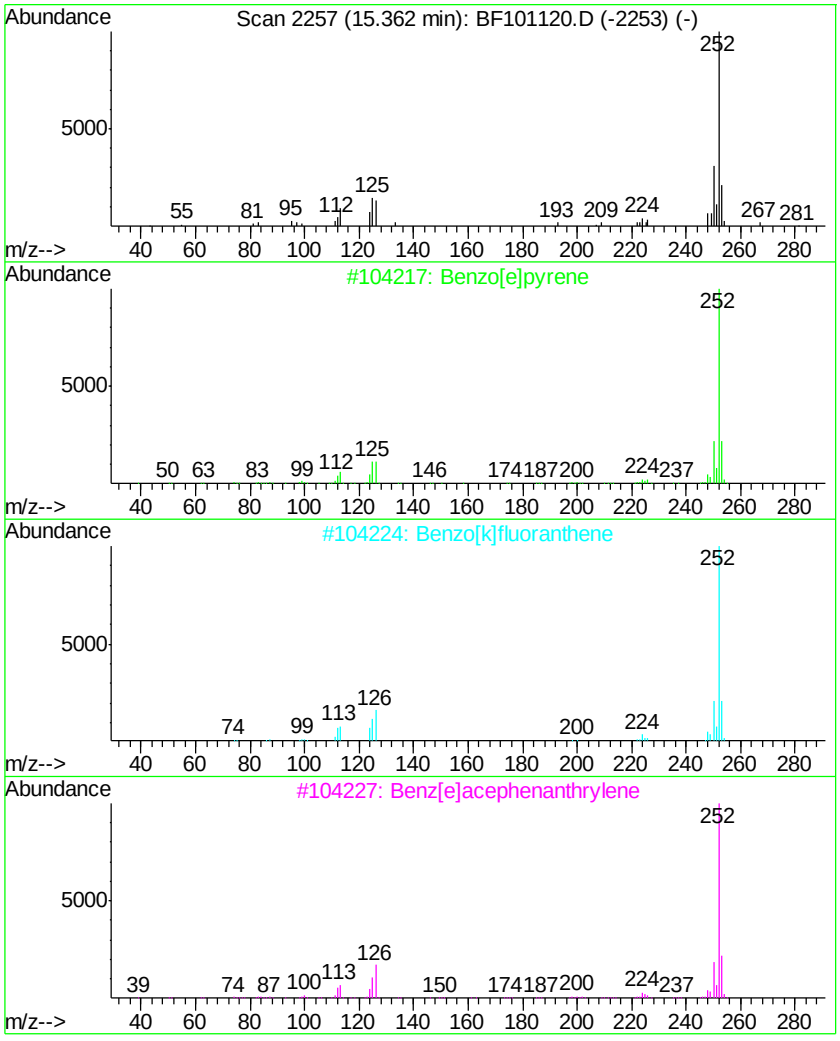
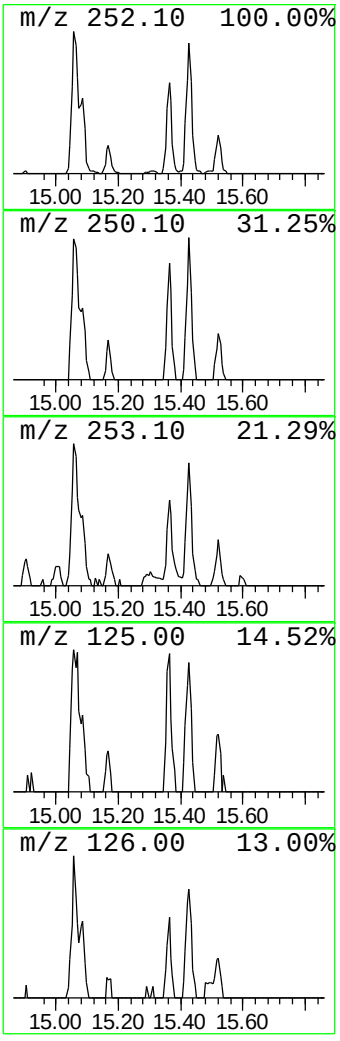
Peak Number 6 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	3.70 ng	55090	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





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Misc :
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Instrument : BNA_F
ClientSampleId : Driveway-Paving-1(0-12)

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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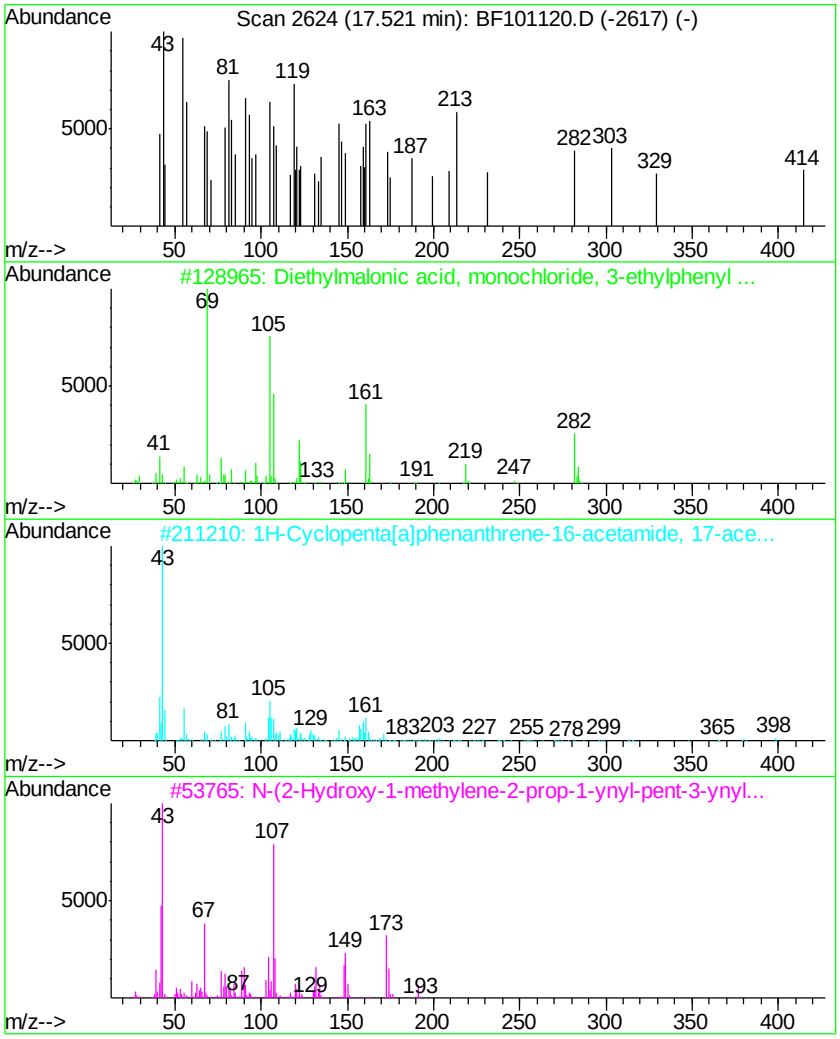
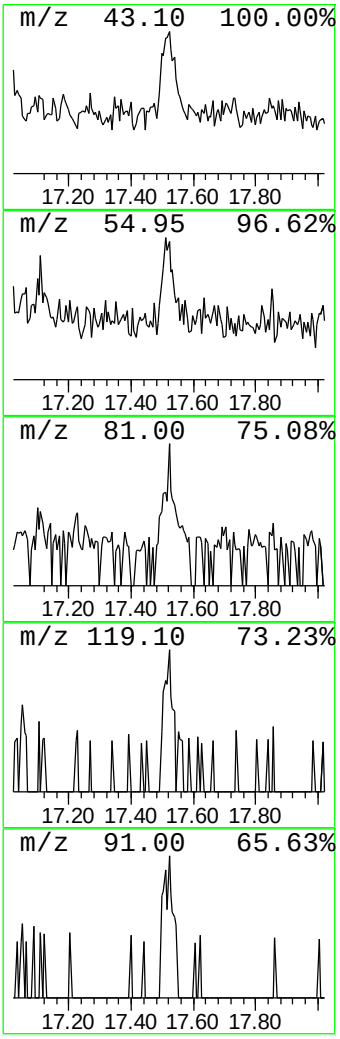
Peak Number 7 unknown17.52 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	3.84 ng	57072	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylmalonic acid, monochlorid...	282	C15H19ClO3	1000368-77-8	35
2	1H-Cyclopenta[a]phenanthrene-16-...	398	C24H34N2O3	1000337-25-3	17
3	N-(2-Hydroxy-1-methylene-2-prop-...	191	C11H13NO2	1000194-35-2	14
4	(4-Aminofurazan-3-yl)phenylmethanol	191	C9H9N3O2	1000311-63-0	14
5	Acetic acid, 2-[5-(4-dimethylami...	302	C14H18N6O2	330991-40-7	10





Tentatively Identified Compound (LSC) summary

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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...	5.07	5.3	ng	82879	1	6.85	311649	20.0
unknown6.62	6.62	71.8	ng	1118070	1	6.85	311649	20.0
Octacosanol	13.84	2.2	ng	49356	5	14.02	445744	20.0
Squalene	14.84	2.5	ng	37305	6	15.49	297536	20.0
Benzo[e]pyrene	15.36	3.7	ng	55090	6	15.49	297536	20.0
unknown17.52	17.52	3.8	ng	57072	6	15.49	297536	20.0