LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011716\
Data File : BF084533.D
Acq On : 17 Jan 2016 13:53
Operator : SJ/UM
Sample : H1143-01 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-6-20160113

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-BF123115.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	4.304	191	194	197	rBV	43635	53649	1.52%	0.128%
2	4.967	249	252	255	rBV	1358708	1376680	39.07%	3.281%
3	5.401	288	290	293	rBV	2253259	1945715	55.22%	4.637%
4	5.801	323	325	328	rBV	66615	76035	2.16%	0.181%
5	6.442	379	381	383	rBV	2462295	2018138	57.27%	4.810%
6	6.567	390	392	395	rBV	1983892	1941042	55.08%	4.626%
7	6.807	410	413	415	rBV	2058915	2045483	58.05%	4.875%
8	6.956	424	426	429	rVB	1602493	1503326	42.66%	3.583%
9	7.367	459	462	464	rBV	1596157	1329275	37.72%	3.168%
10	7.836	500	503	507	rBV3	16402	36959	1.05%	0.088%
11	8.087	523	525	528	rBV	2216461	2638490	74.88%	6.288%
12	8.373	548	550	555	rBV	27696	39252	1.11%	0.094%
13	9.173	617	620	622	rBV	1658695	2048344	58.13%	4.882%
14	9.253	624	627	629	rBV	55046	56136	1.59%	0.134%
15	9.505	645	649	650	rBV	40547	42407	1.20%	0.101%
16	9.562	652	654	656	rVV	195906	193672	5.50%	0.462%
17	9.699	665	666	669	rBV3	51860	74185	2.11%	0.177%
18	9.779	669	673	676	rBV3	66880	102198	2.90%	0.244%
19	9.848	676	679	681	rBV	3289198	3013489	85.52%	7.182%
20	10.042	695	696	698	rBV2	52111	58413	1.66%	0.139%
21	10.282	715	717	719	rVB	106332	87057	2.47%	0.207%
22	10.385	725	726	729	rBV	66802	75213	2.13%	0.179%
23	10.476	733	734	735	rBV	39660	39444	1.12%	0.094%
24	10.625	745	747	750	rBV2	1028980	1173439	33.30%	2.797%
25	10.751	756	758	763	rVB	96319	136604	3.88%	0.326%
26	10.933	771	774	776	rBV2	22722	49260	1.40%	0.117%
27	11.093	783	788	790	rBV4	21430	58289	1.65%	0.139%
28	11.128	790	791	794	rVB	43658	46362	1.32%	0.110%
29	11.219	794	799	802	rBV3	60779	198313	5.63%	0.473%
30	11.322	806	808	812	rBV	1940415	3523822	100.00%	8.398%
31	11.402	812	815	817	rVB	198209	197431	5.60%	0.471%
32	11.562	826	829	830	rBV2	62845	91552	2.60%	0.218%
33	11.631	833	835	836	rBV	43444	53415	1.52%	0.127%
34	11.653	836	837	840	rVB2	32654	36535	1.04%	0.087%

LSC Area Percent Report

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Acq On : 17 Jan 2016 13:53
Operator : SJ/UM
Sample : H1143-01 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-6-20160113

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 >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.733	840	844	846	rVB5	18328	51511	1.46%	0.123%
36	11.825	850	852	853	rBV	162394	146875	4.17%	0.350%
37	11.859	853	855	857	rVB	147608	165316	4.69%	0.394%
38	11.905	857	859	860	rBV2	61825	76253	2.16%	0.182%
39	11.939	860	862	866	rVB2	221623	348472	9.89%	0.831%
40	12.031	869	870	874	rVB4	43442	82967	2.35%	0.198%
41	12.122	874	878	879	rBV2	122454	162347	4.61%	0.387%
42	12.271	889	891	893	rBV	45484	44564	1.26%	0.106%
43	12.328	893	896	897	rVB3	35412	64251	1.82%	0.153%
44	12.374	898	900	902	rBV	108079	131848	3.74%	0.314%
45	12.408	902	903	906	rVB3	49943	99832	2.83%	0.238%
46	12.465	906	908	912	rVB2	56353	90749	2.58%	0.216%
47	12.534	912	914	917	rBV	1362776	1252158	35.53%	2.984%
48	12.579	917	918	921	rBV3	33417	62789	1.78%	0.150%
49	12.682	924	927	930	rBV2	48583	118432	3.36%	0.282%
50	12.762	930	934	936	rBV2	1296447	1771353	50.27%	4.222%
51	12.819	936	939	941	rVB3	120907	176126	5.00%	0.420%
52	12.911	943	947	949	rBV	2031513	1874508	53.20%	4.468%
53	12.979	950	953	957	rBV3	88001	193748	5.50%	0.462%
54	13.094	959	963	965	rVB	129991	205725	5.84%	0.490%
55	13.151	965	968	970	rBV2	85689	136781	3.88%	0.326%
56	13.197	970	972	973	rBV	146611	158187	4.49%	0.377%
57	13.288	978	980	981	rBV	82626	83876	2.38%	0.200%
58	13.322	981	983	984	rVB2	47943	58266	1.65%	0.139%
59	13.448	992	994	996	rBV	397733	384039	10.90%	0.915%
60	13.494	996	998	999	rVV2	75110	81923	2.32%	0.195%
61	13.597	1005	1007	1012	rBV	96693	132794	3.77%	0.316%
62	13.711	1014	1017	1018	rBV2	87881	133836	3.80%	0.319%
63	13.814	1024	1026	1030	rVB3	175962	341387	9.69%	0.814%
64	13.962	1036	1039	1040	rBV2	2205660	2499092	70.92%	5.956%
65	14.065	1046	1048	1050	rVB	63303	51361	1.46%	0.122%
66	14.134	1052	1054	1058	rVV5	74255	129284	3.67%	0.308%
67	14.351	1071	1073	1074	rVB	63606	79133	2.25%	0.189%
68	14.385	1074	1076	1077	rVB2	48256	60405	1.71%	0.144%
69	14.442	1079	1081	1082	rVV2	68281	62984	1.79%	0.150%
70	14.740	1105	1107	1111	rBV3	69125	90389	2.57%	0.215%
71	14.968	1125	1127	1131	rBV	374627	720681	20.45%	1.718%

LSC Area Percent Report

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Data File : BF084533.D
Acq On : 17 Jan 2016 13:53
Operator : SJ/UM
Sample : H1143-01 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-6-20160113

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-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.254	1150	1152	1155	rVB	231602	297104	8.43%	0.708%
73	15.311	1155	1157	1160	rBV	323491	374052	10.61%	0.891%
74	15.380	1160	1163	1164	rVV	1022428	1605900	45.57%	3.827%
75	15.402	1164	1165	1168	rVB2	160475	209546	5.95%	0.499%
76	15.814	1199	1201	1204	rBV	71510	123401	3.50%	0.294%
77	16.294	1240	1243	1248	rVB4	59928	134461	3.82%	0.320%
78	16.728	1279	1281	1286	rVB2	141806	276682	7.85%	0.659%
79	17.140	1314	1317	1322	rBV	127254	252961	7.18%	0.603%

Sum of corrected areas: 41957973

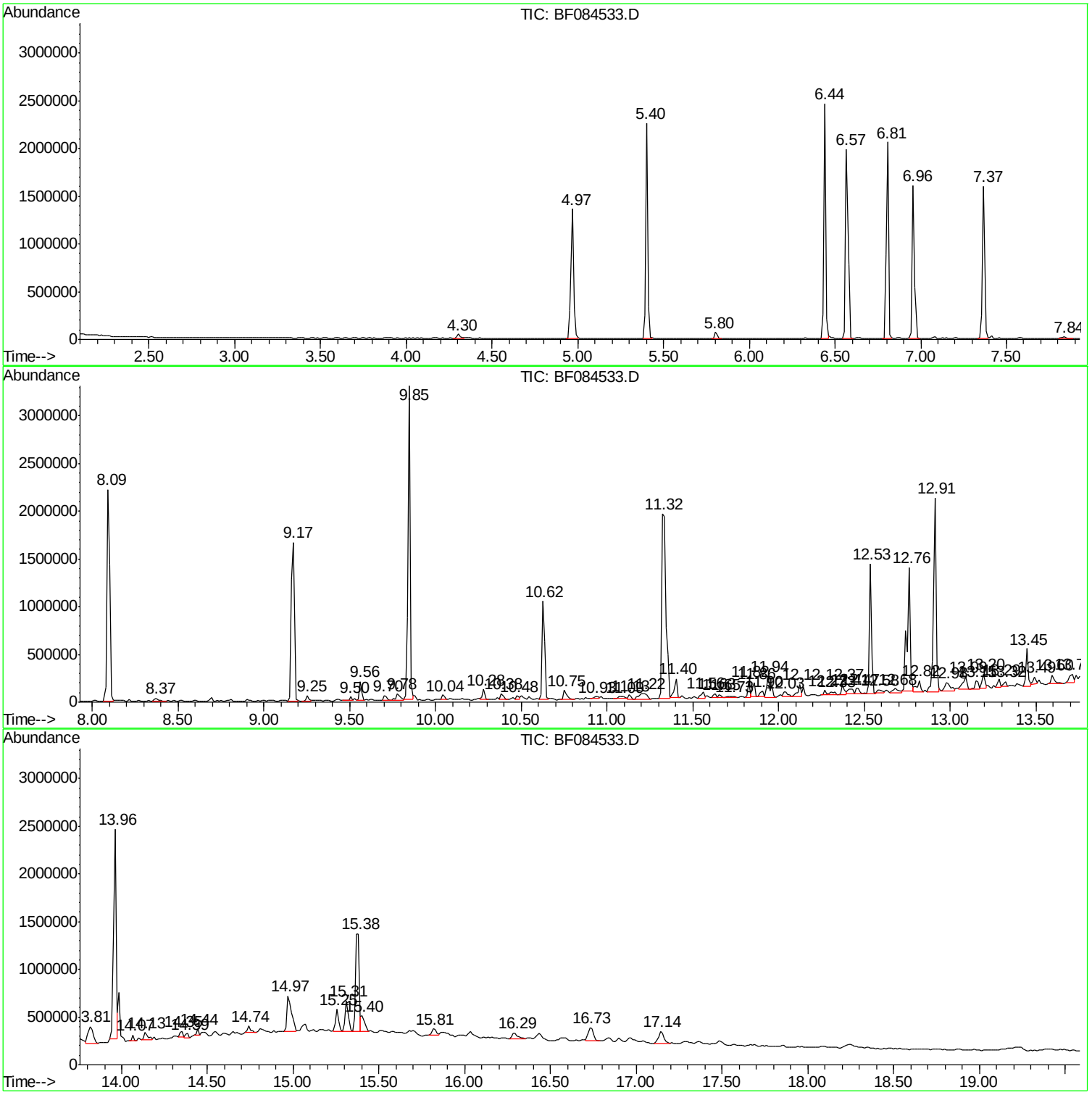
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011716\
Data File : BF084533.D
Acq On : 17 Jan 2016 13:53
Operator : SJ/UM
Sample : H1143-01 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POST-EX-6-20160113

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011716\
Data File : BF084533.D
Acq On : 17 Jan 2016 13:53
Operator : SJ/UM
Sample : H1143-01 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-6-20160113

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

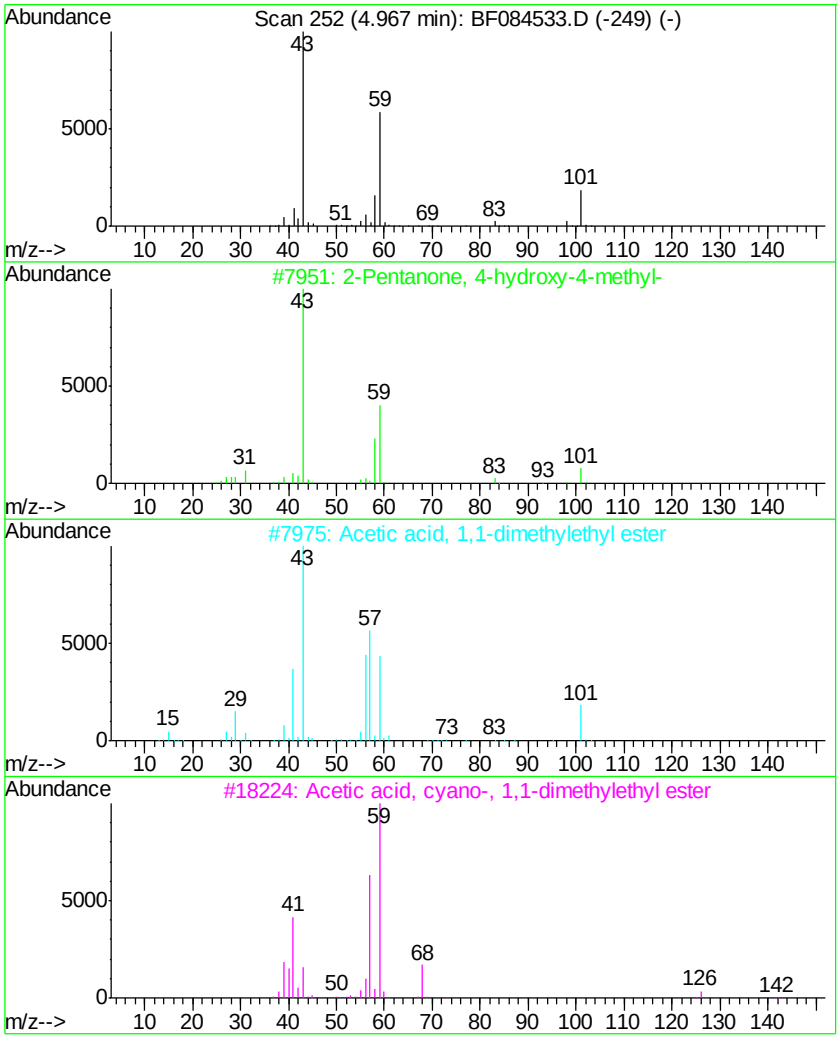
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

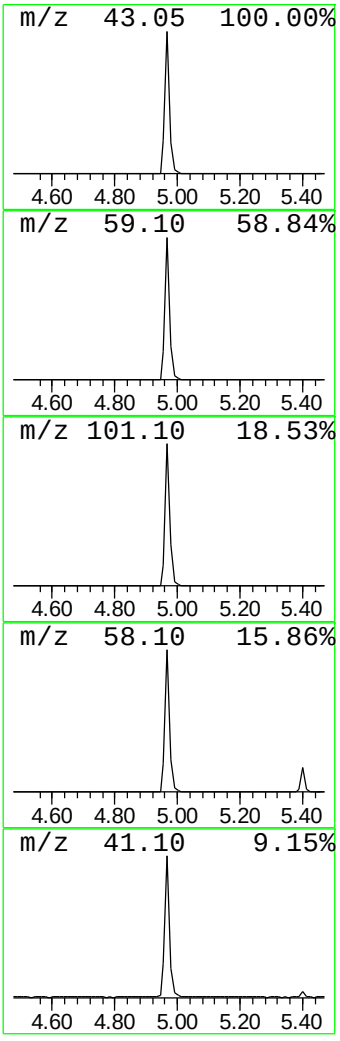
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	13.46 ng	1376680	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

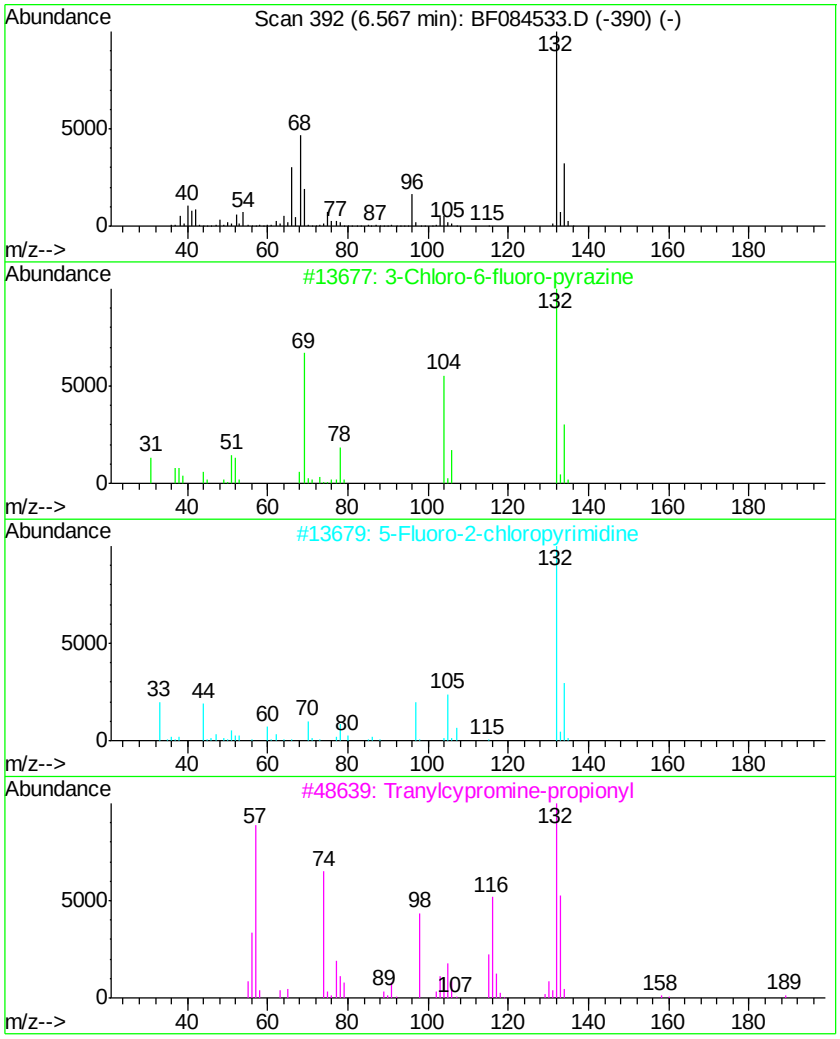
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

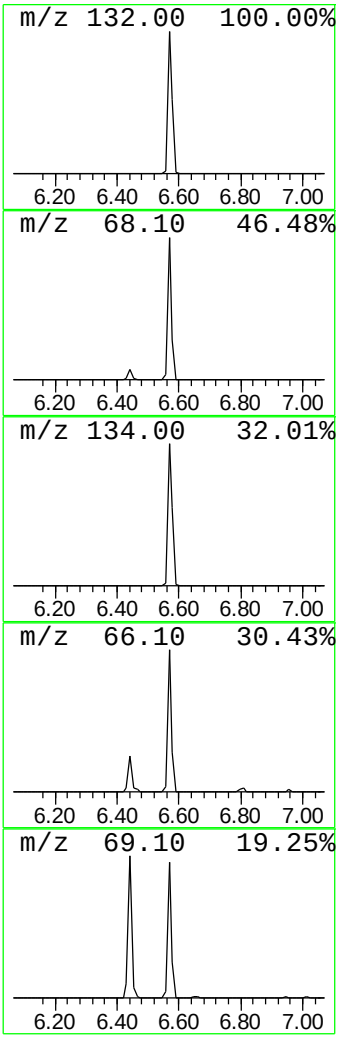
****

Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	18.98 ng	1941040	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011716\
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Acq On : 17 Jan 2016 13:53
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Sample : H1143-01 5X
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Instrument : BNA_F
ClientSampleId : POST-EX-6-20160113

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

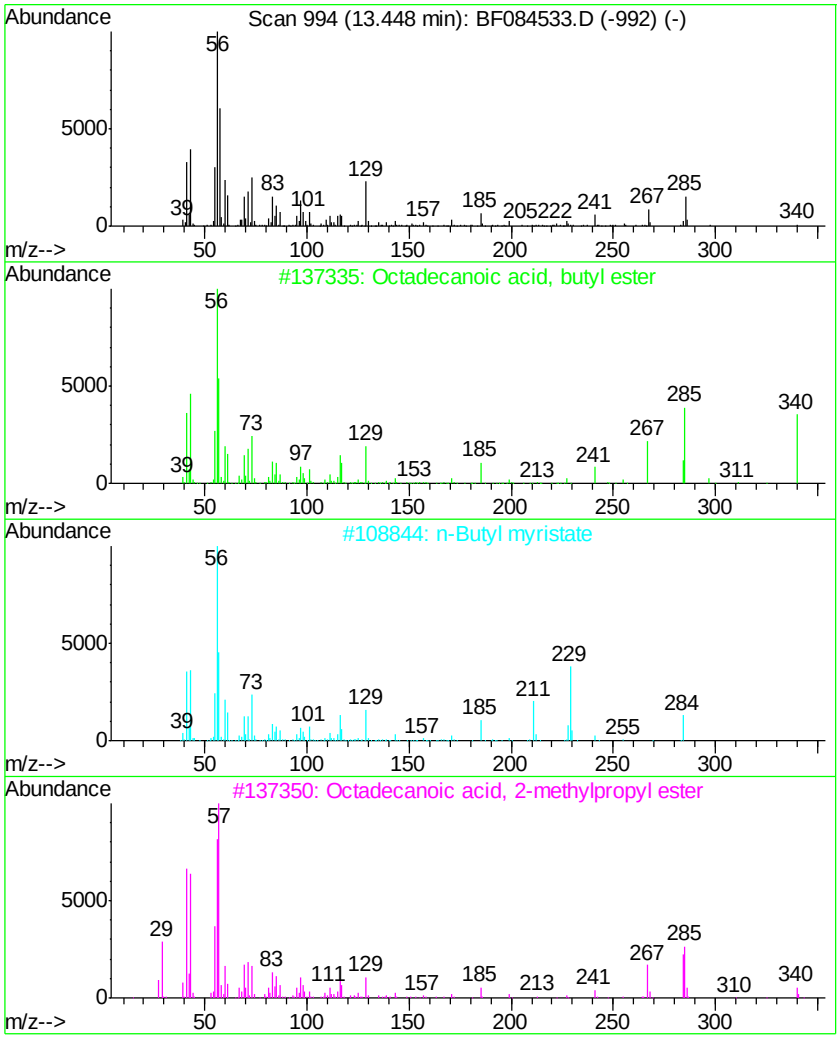
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

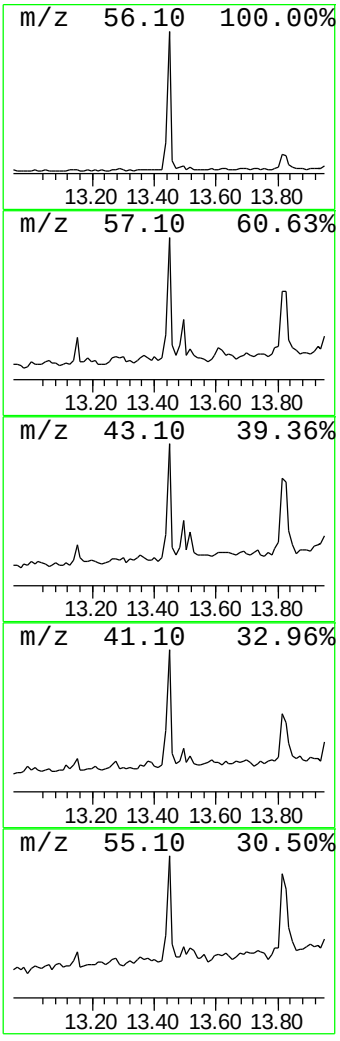
****

Peak Number 4 Octadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	3.07 ng	384039	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
2	n-Butyl myristate	284	C18H36O2	000110-36-1	72
3	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	45
4	Piperidin-4-carboxylic acid	129	C6H11NO2	000498-94-2	43
5	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	38





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Acq On : 17 Jan 2016 13:53
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Sample : H1143-01 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-6-20160113

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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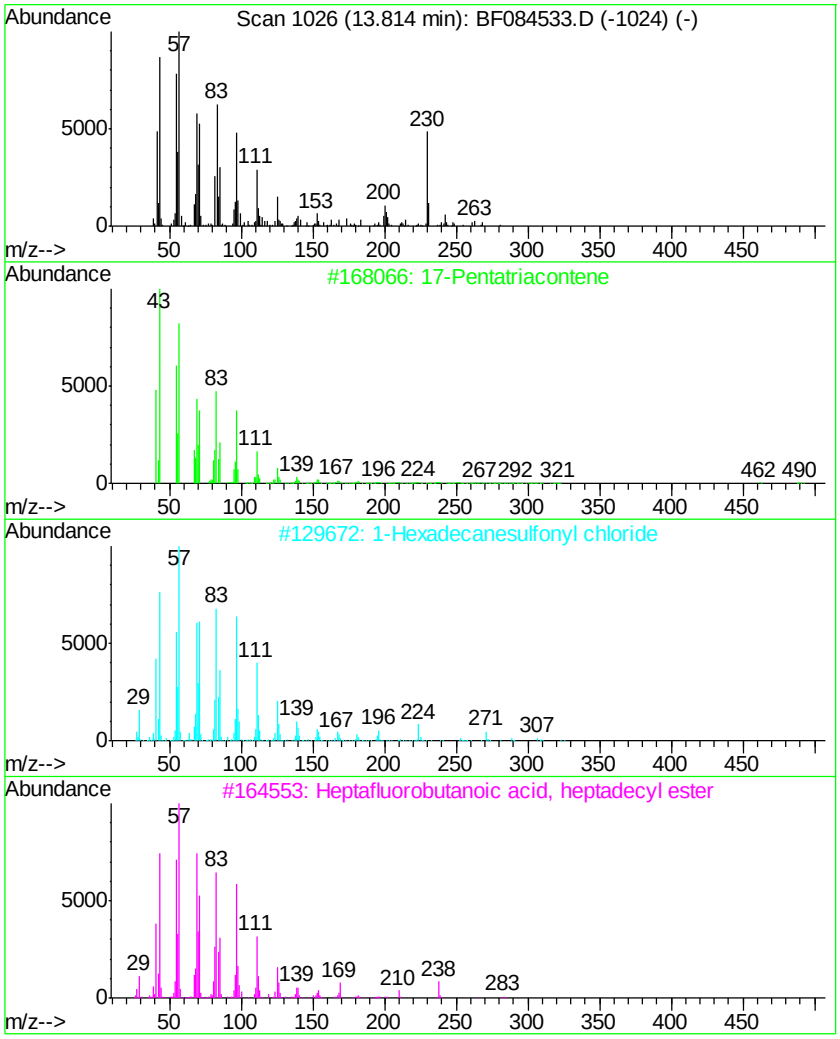
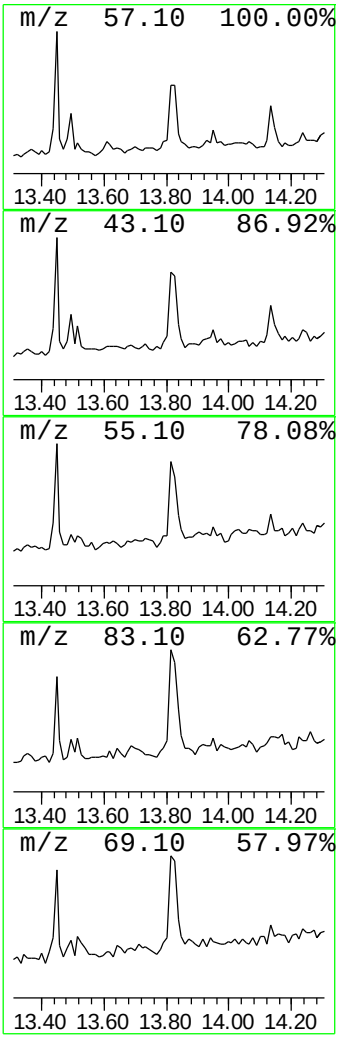
Peak Number 5 17-Pentatriacontene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	2.73 ng	341387	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	70
2	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	68
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	68
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	68
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011716\
Data File : BF084533.D
Acq On : 17 Jan 2016 13:53
Operator : SJ/UM
Sample : H1143-01 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-6-20160113

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.97	13.5	ng	1376680	1	6.81	2045480	20.0
unknown6.57	6.57	19.0	ng	1941040	1	6.81	2045480	20.0
Octadecanoic acid...	13.45	3.1	ng	384039	5	13.96	2499090	20.0
17-Pentatriacontene	13.81	2.7	ng	341387	5	13.96	2499090	20.0