LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061616\
Data File : BF088086.D
Acq On : 16 Jun 2016 20:17
Operator : UM/SJ
Sample : H3571-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-29-COMP

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-BF060716.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	1.678	7	8	17	rVV	312876	492588	16.58%	1.641%
2	1.804	17	19	47	rVB	1434714	2971829	100.00%	9.902%
3	4.890	286	289	297	rBV	102457	146642	4.93%	0.489%
4	5.313	323	326	329	rBV	2045471	2222881	74.80%	7.407%
5	6.364	415	418	421	rBV	1736057	2247527	75.63%	7.489%
6	6.490	426	429	431	rBV	2322387	2431694	81.82%	8.102%
7	6.719	447	449	451	rBV	961276	830368	27.94%	2.767%
8	6.879	460	463	465	rBV	1719829	2070194	69.66%	6.898%
9	7.290	496	499	501	rBV	1595950	1709247	57.51%	5.695%
10	7.427	509	511	516	rBV	38997	86454	2.91%	0.288%
11	7.919	552	554	556	rBV	48368	40078	1.35%	0.134%
12	7.999	559	561	564	rBV	899654	1082141	36.41%	3.606%
13	9.085	653	656	658	rBV	2748142	2706334	91.07%	9.018%
14	9.485	688	691	693	rBV	808653	919415	30.94%	3.064%
15	9.691	707	709	712	rBV	36075	43499	1.46%	0.145%
16	9.759	712	715	717	rBV	879768	1228240	41.33%	4.093%
17	10.193	752	753	755	rVB	127959	93310	3.14%	0.311%
18	10.411	769	772	775	rBV	44911	69027	2.32%	0.230%
19	10.536	781	783	786	rBV2	1201774	1470180	49.47%	4.899%
20	10.662	792	794	799	rBV	145504	161276	5.43%	0.537%
21	11.108	832	833	835	rBV	76660	69740	2.35%	0.232%
22	11.234	842	844	845	rBV	1221597	1123383	37.80%	3.743%
23	11.256	845	846	847	rVV	70776	52785	1.78%	0.176%
24	11.302	847	850	853	rVB3	25482	43061	1.45%	0.143%
25	11.531	868	870	873	rBV	23656	30768	1.04%	0.103%
26	11.782	889	892	895	rBV	112373	207277	6.97%	0.691%
27	11.839	895	897	902	rVV	31215	58544	1.97%	0.195%
28	11.942	902	906	911	rVB	21405	42299	1.42%	0.141%
29	12.274	932	935	937	rBV2	13438	30124	1.01%	0.100%
30	12.434	947	949	951	rBV	86550	87940	2.96%	0.293%
31	12.662	965	969	971	rBV2	101783	152573	5.13%	0.508%
32	12.811	980	982	985	rBV	1470546	1923742	64.73%	6.410%
33	13.062	1000	1004	1005	rBV3	12265	30325	1.02%	0.101%
34	13.348	1027	1029	1031	rBV	31483	30787	1.04%	0.103%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : SB-29-COMP

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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.394	1031	1033	1038	rVB2	14795	36044	1.21%	0.120%
36	13.714	1059	1061	1070	rBV	259244	353161	11.88%	1.177%
37	13.862	1071	1074	1076	rBV	891230	978675	32.93%	3.261%
38	14.034	1087	1089	1095	rVB6	12531	32035	1.08%	0.107%
39	14.251	1103	1108	1109	rBV	16180	40243	1.35%	0.134%
40	14.354	1114	1117	1123	rVV5	36866	113288	3.81%	0.377%
41	14.617	1138	1140	1145	rBV3	34627	64132	2.16%	0.214%
42	14.697	1145	1147	1150	rVB	35242	46412	1.56%	0.155%
43	14.868	1159	1162	1165	rBV	52379	99859	3.36%	0.333%
44	14.937	1166	1168	1170	rBV	41607	61040	2.05%	0.203%
45	15.131	1183	1185	1189	rVB	23591	34717	1.17%	0.116%
46	15.188	1189	1190	1193	rVB	32070	47762	1.61%	0.159%
47	15.245	1193	1195	1198	rBV	584602	778984	26.21%	2.596%
48	15.668	1229	1232	1234	rBV	24331	38397	1.29%	0.128%
49	15.714	1234	1236	1239	rBV2	33274	63207	2.13%	0.211%
50	16.148	1272	1274	1280	rVB	19858	45053	1.52%	0.150%
51	16.571	1308	1311	1314	rVV	20046	38784	1.31%	0.129%
52	16.640	1314	1317	1320	rVB2	19151	37693	1.27%	0.126%
53	16.834	1332	1334	1338	rVB3	21859	42215	1.42%	0.141%
54	16.971	1343	1346	1350	rVB	14314	30067	1.01%	0.100%
55	17.063	1350	1354	1357	rBV4	17094	44808	1.51%	0.149%
56	17.966	1430	1433	1438	rVB5	12122	30770	1.04%	0.103%
57	18.869	1509	1512	1518	rVB7	17475	48109	1.62%	0.160%

Sum of corrected areas: 30011727

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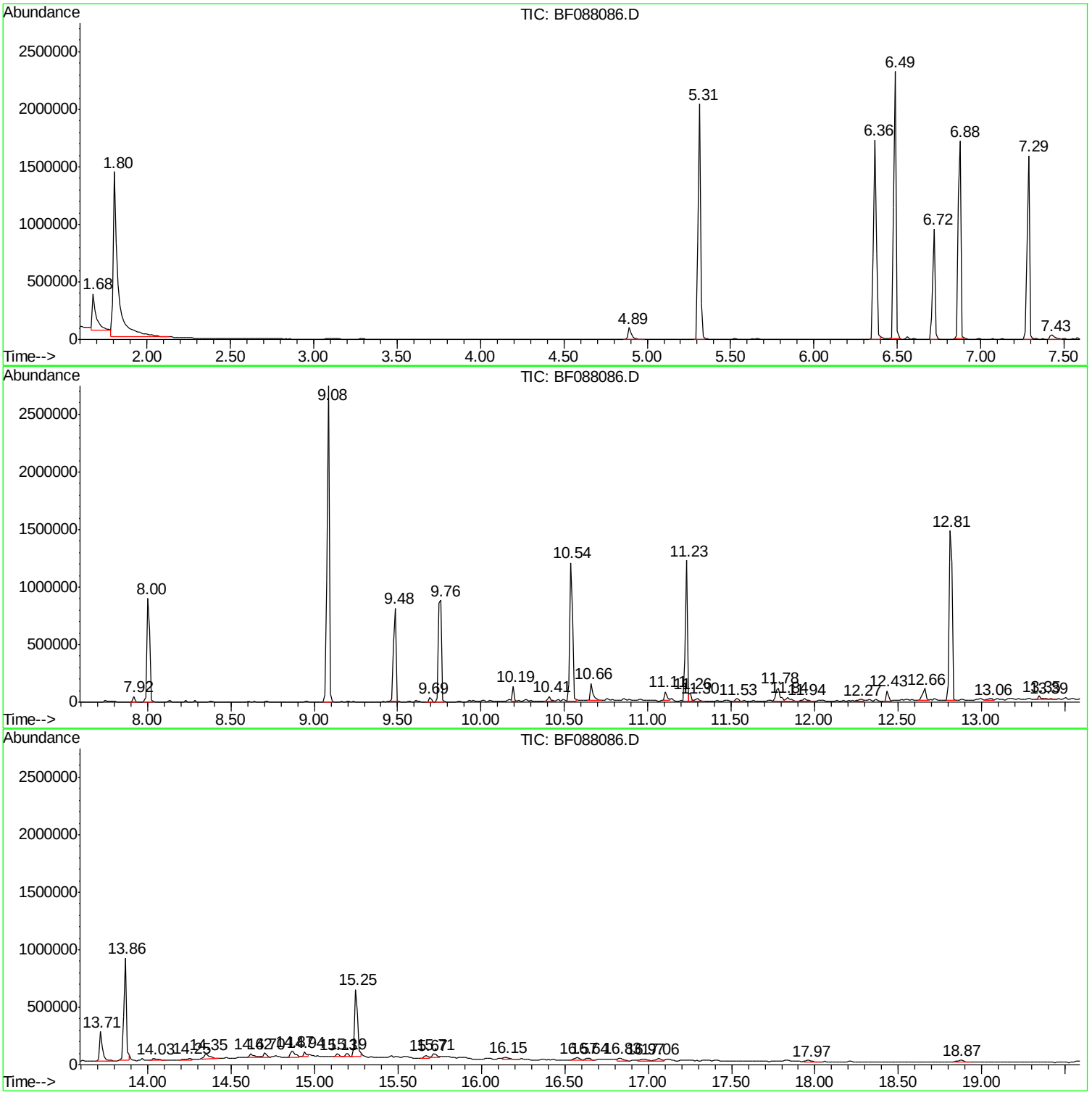
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-29-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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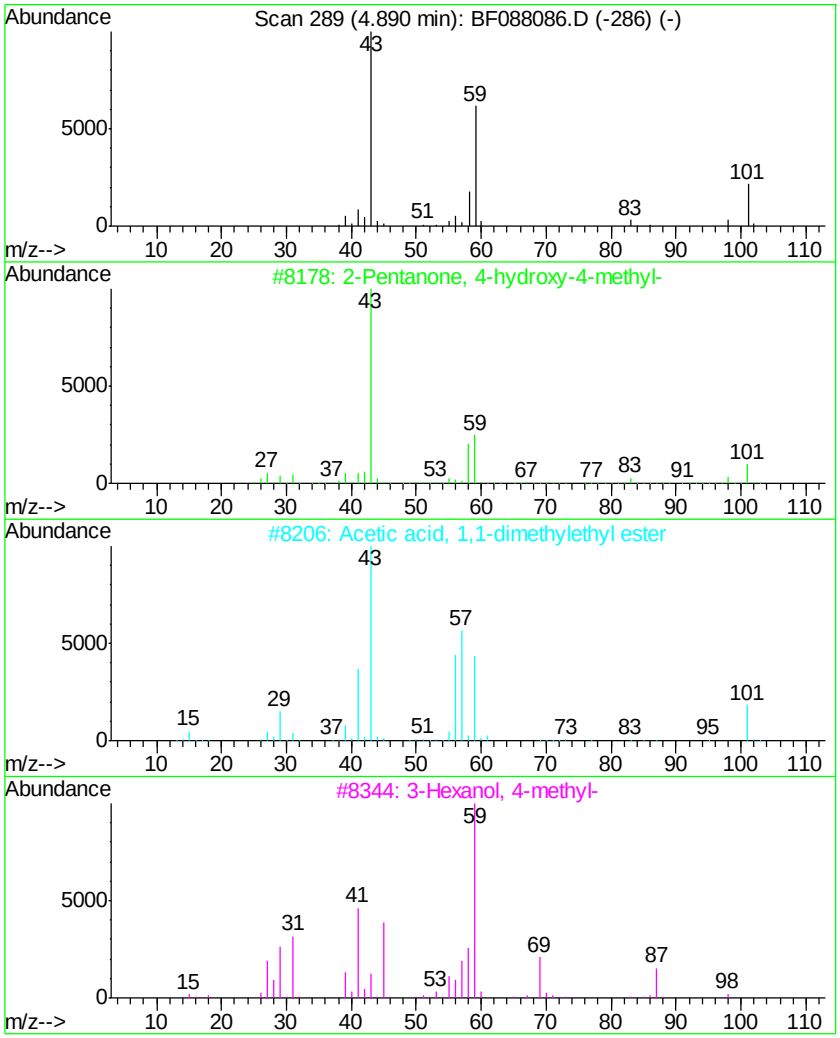
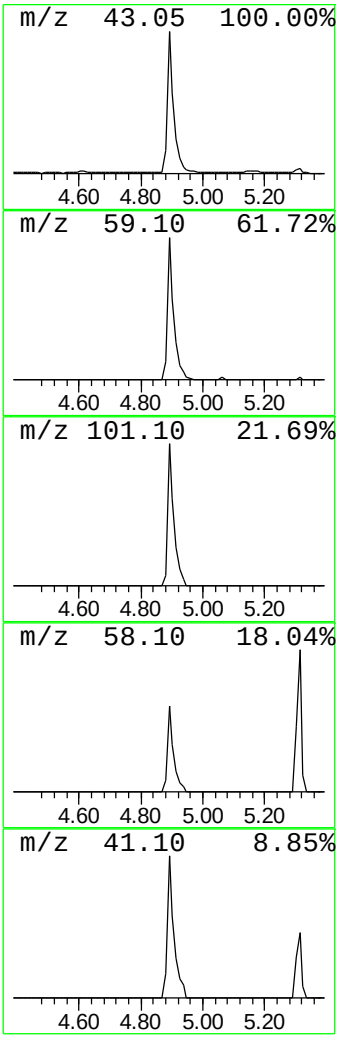
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	3.53 ng	146642	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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Data File : BF088086.D
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Operator : UM/SJ
Sample : H3571-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-29-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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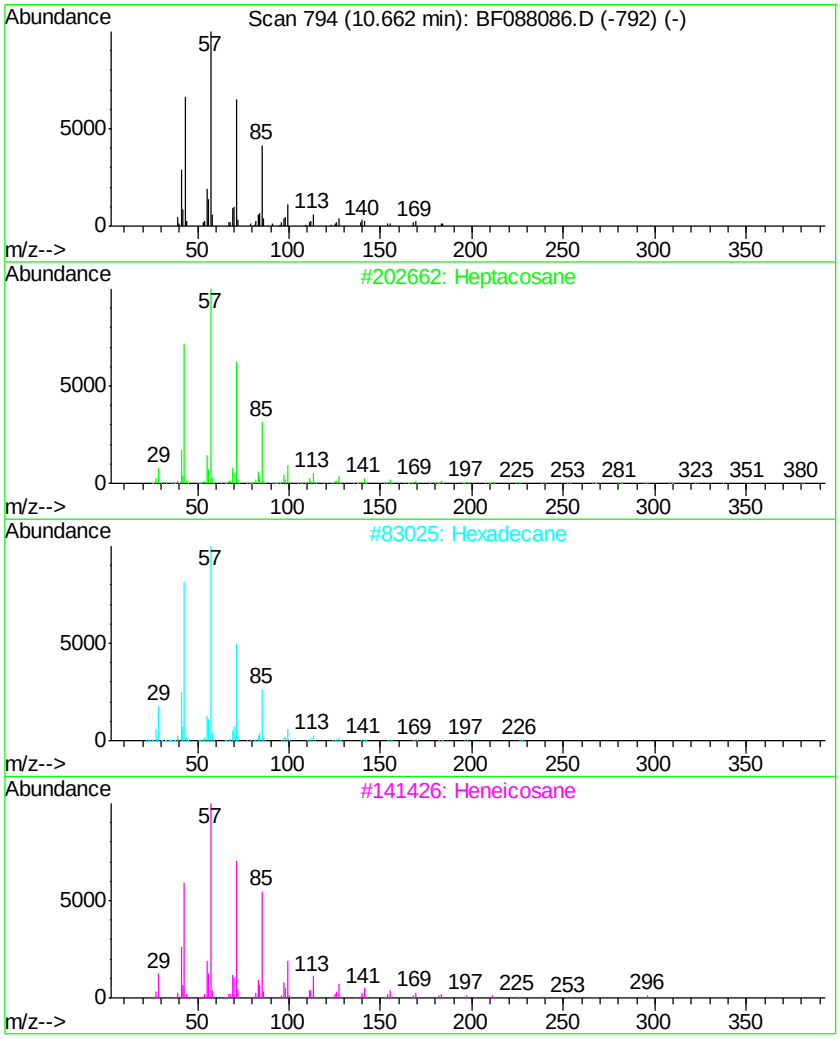
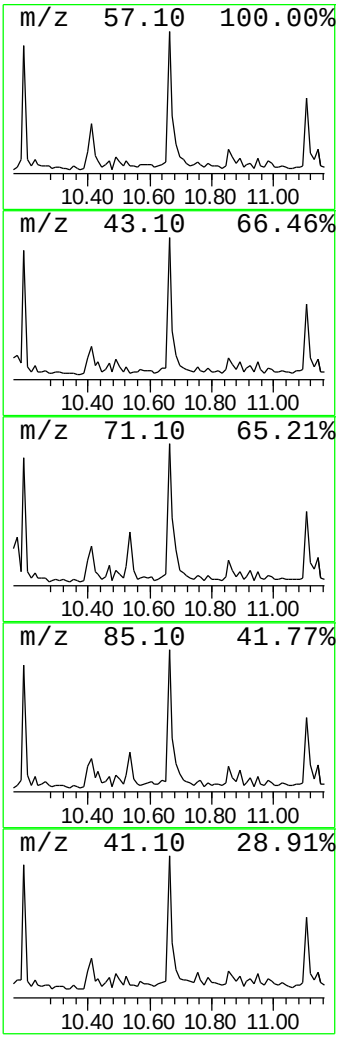
Peak Number 6 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	2.87 ng	161276	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heptadecane	240	C17H36	000629-78-7	87
5	Eicosane	282	C20H42	000112-95-8	87





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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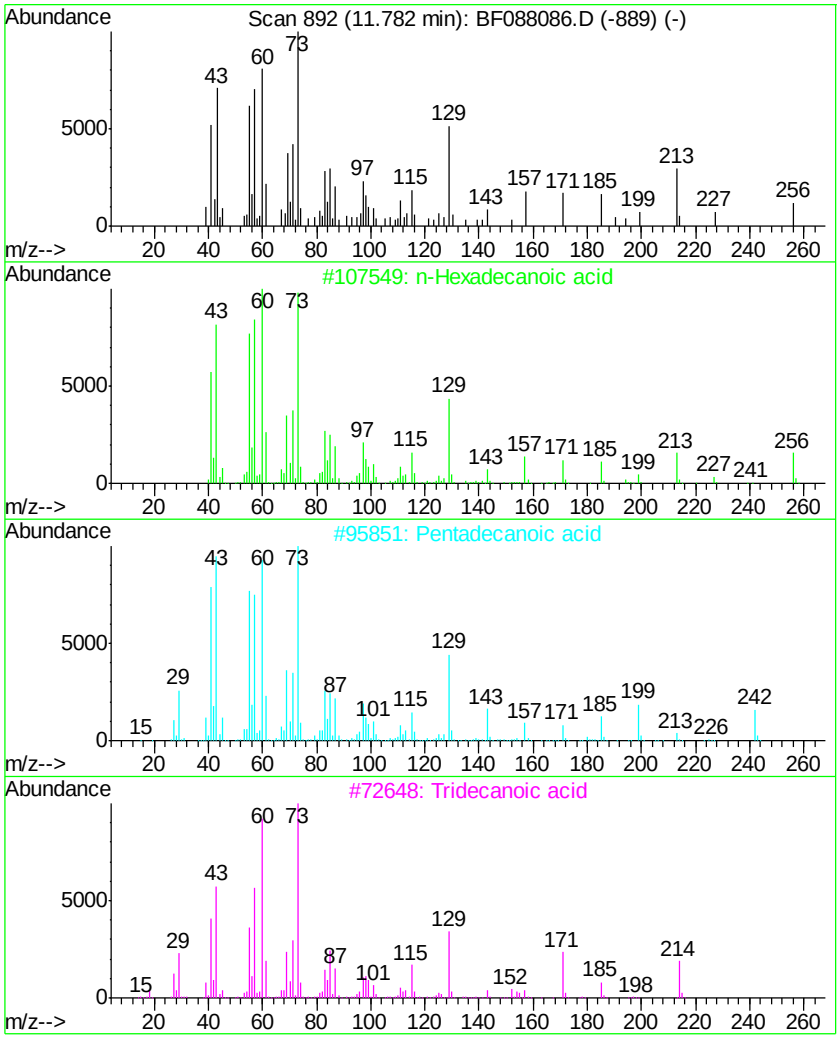
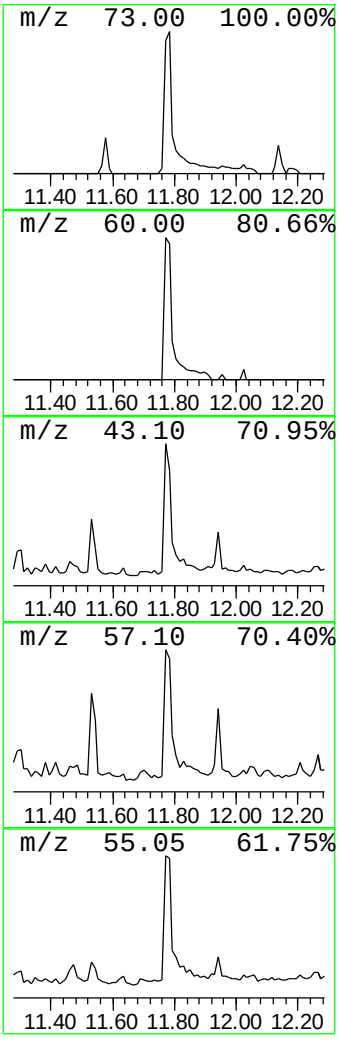
Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	3.69 ng	207277	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Octacosyl acetate	452	C30H60O2	018206-97-8	15





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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TIC Library : C:\Database\NIST11.L
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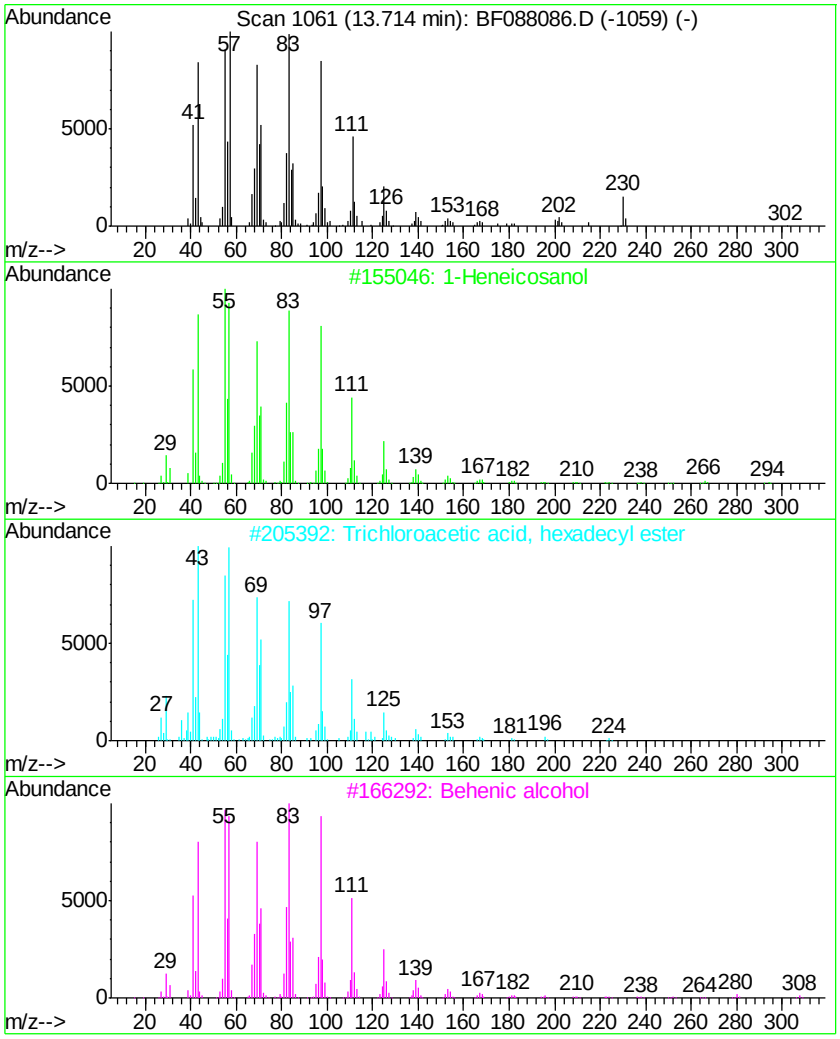
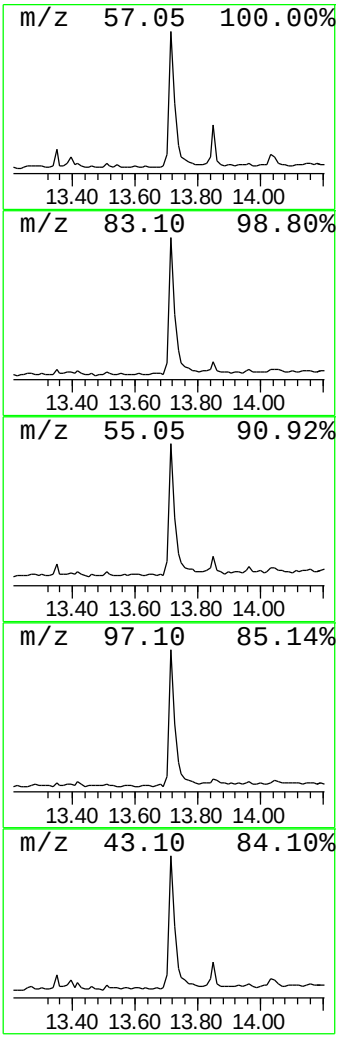
****

Peak Number 9 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	7.22 ng	353161	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





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Instrument : BNA_F
ClientSampleId : SB-29-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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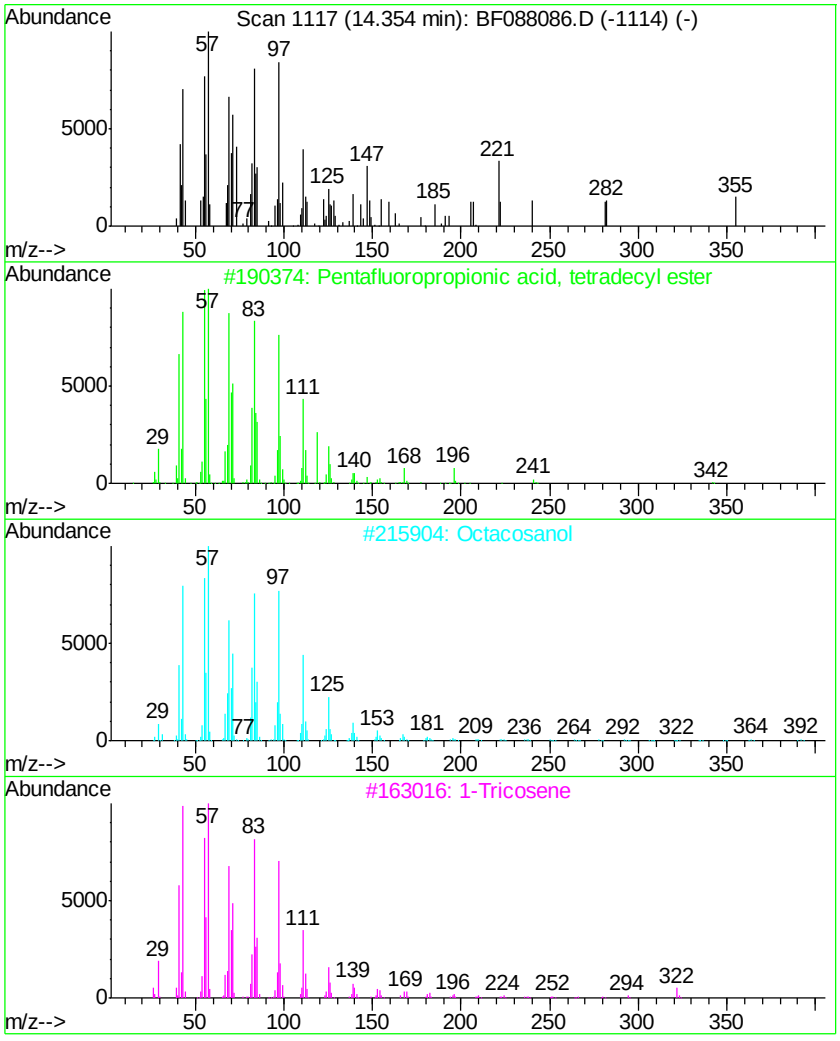
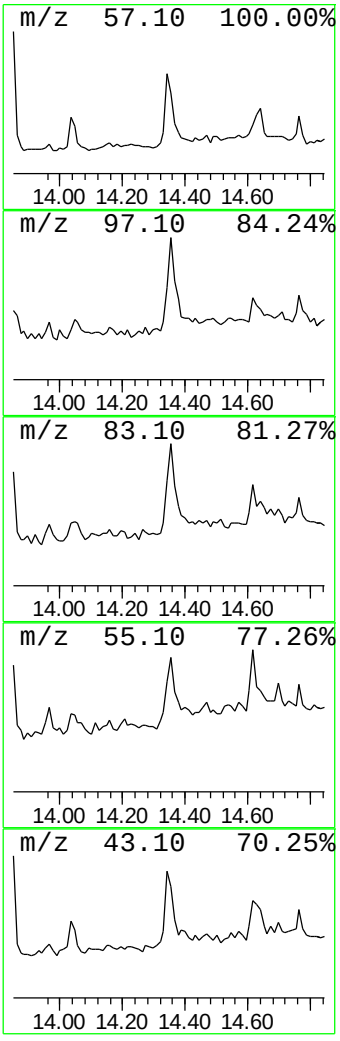
Peak Number 10 Pentafluoropropionic acid, ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	2.32 ng	113288	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	86
2	Octacosanol	410	C28H58O	000557-61-9	64
3	1-Tricosene	322	C23H46	018835-32-0	64
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	64
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	64





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...	4.89	3.5	ng	146642	1	6.72	830368	20.0
Heptacosane	10.66	2.9	ng	161276	4	11.23	1123380	20.0
n-Hexadecanoic acid	11.78	3.7	ng	207277	4	11.23	1123380	20.0
1-Heneicosanol	13.71	7.2	ng	353161	5	13.86	978675	20.0
Pentafluoropropio...	14.35	2.3	ng	113288	5	13.86	978675	20.0