LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085867.D
Acq On : 29 Mar 2016 23:50
Operator : UM/SJ
Sample : H1970-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-10

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-BF032416.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	4.996	234	237	242	rBV	33031	47918	2.04%	0.230%
2	5.407	270	273	275	rBV	2143195	2348773	100.00%	11.290%
3	6.447	361	364	366	rBV	2189564	2218629	94.46%	10.665%
4	6.573	373	375	378	rBV	2442795	2215799	94.34%	10.651%
5	6.802	393	395	398	rBV	684990	637754	27.15%	3.066%
6	6.962	407	409	411	rBV	2204367	1925843	81.99%	9.257%
7	7.373	442	445	447	rBV	1688489	1575858	67.09%	7.575%
8	7.476	451	454	459	rVB	15824	24554	1.05%	0.118%
9	8.093	505	508	510	rBV	936872	853279	36.33%	4.102%
10	9.168	600	602	604	rBV	2458286	2093547	89.13%	10.063%
11	9.568	635	637	639	rBV	304281	299243	12.74%	1.438%
12	9.785	653	656	658	rBV	51281	67965	2.89%	0.327%
13	9.842	659	661	664	rVB	823412	799018	34.02%	3.841%
14	10.276	697	699	701	rVB	118743	93645	3.99%	0.450%
15	10.493	715	718	722	rBV	33301	61850	2.63%	0.297%
16	10.631	728	730	733	rBV	1123917	1152006	49.05%	5.538%
17	10.745	739	740	744	rBV	76321	128305	5.46%	0.617%
18	11.202	777	780	781	rBV	39794	46377	1.97%	0.223%
19	11.328	789	791	793	rBV	818593	725750	30.90%	3.489%
20	11.854	836	837	840	rBV	61687	102604	4.37%	0.493%
21	11.945	843	845	848	rVB	15624	29919	1.27%	0.144%
22	12.539	894	897	899	rBV	94741	89283	3.80%	0.429%
23	12.642	904	906	909	rBV	42722	60975	2.60%	0.293%
24	12.768	913	917	918	rBV	87486	92186	3.92%	0.443%
25	12.905	927	929	932	rBV	856002	1198520	51.03%	5.761%
26	13.099	940	946	947	rBV	18916	42647	1.82%	0.205%
27	13.145	947	950	953	rBV5	10148	31502	1.34%	0.151%
28	13.808	1006	1008	1013	rBV2	153719	201848	8.59%	0.970%
29	13.968	1019	1022	1026	rBV	570571	814597	34.68%	3.916%
30	14.974	1108	1110	1114	rBV	51412	103434	4.40%	0.497%
31	15.260	1134	1135	1138	rVB	29110	37144	1.58%	0.179%
32	15.328	1138	1141	1143	rVV	44521	65630	2.79%	0.315%
33	15.385	1143	1146	1152	rVB	386099	617246	26.28%	2.967%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : TP-10

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-BF032416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

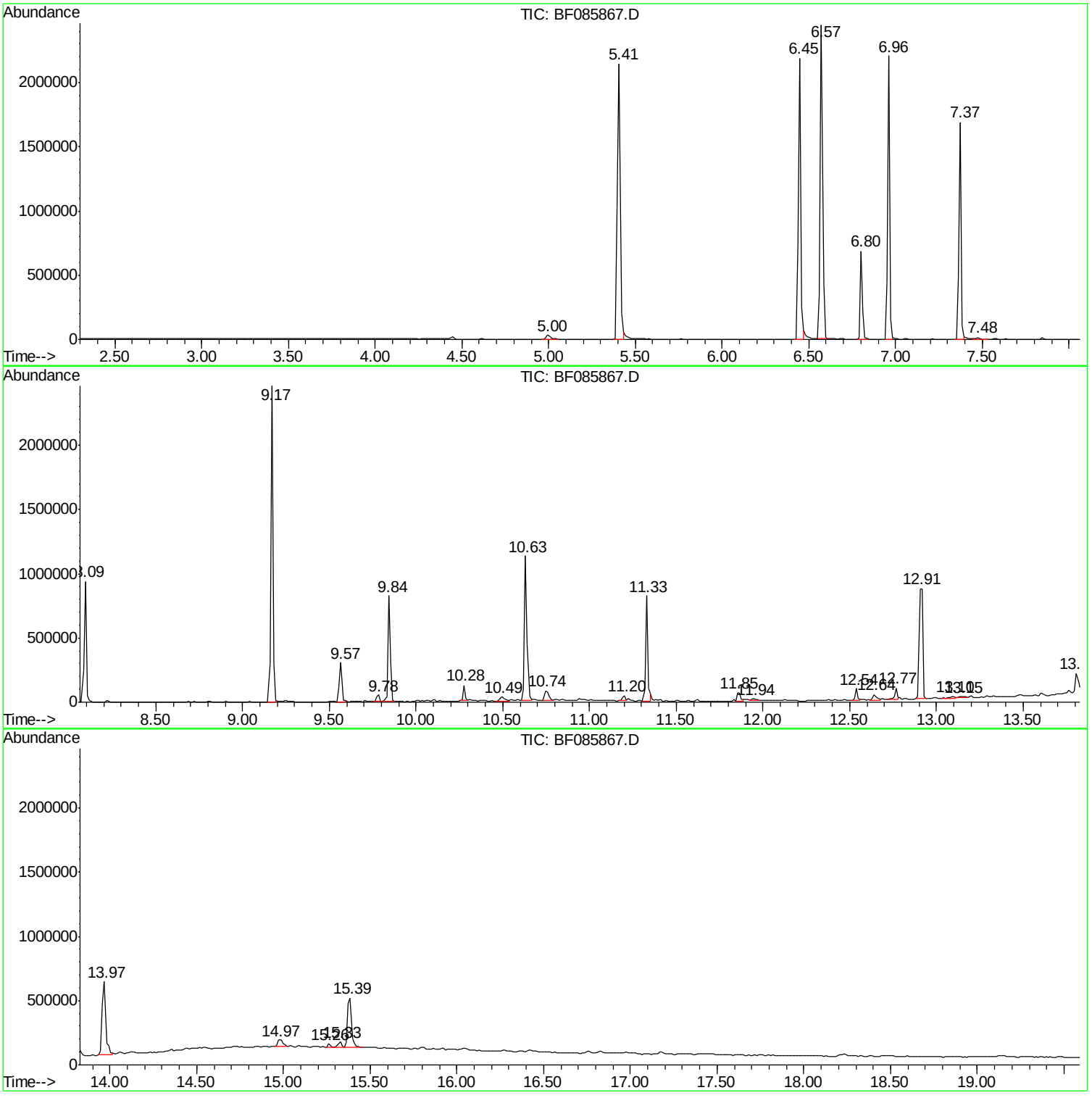
Sum of corrected areas: 20803648

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085867.D
Acq On : 29 Mar 2016 23:50
Operator : UM/SJ
Sample : H1970-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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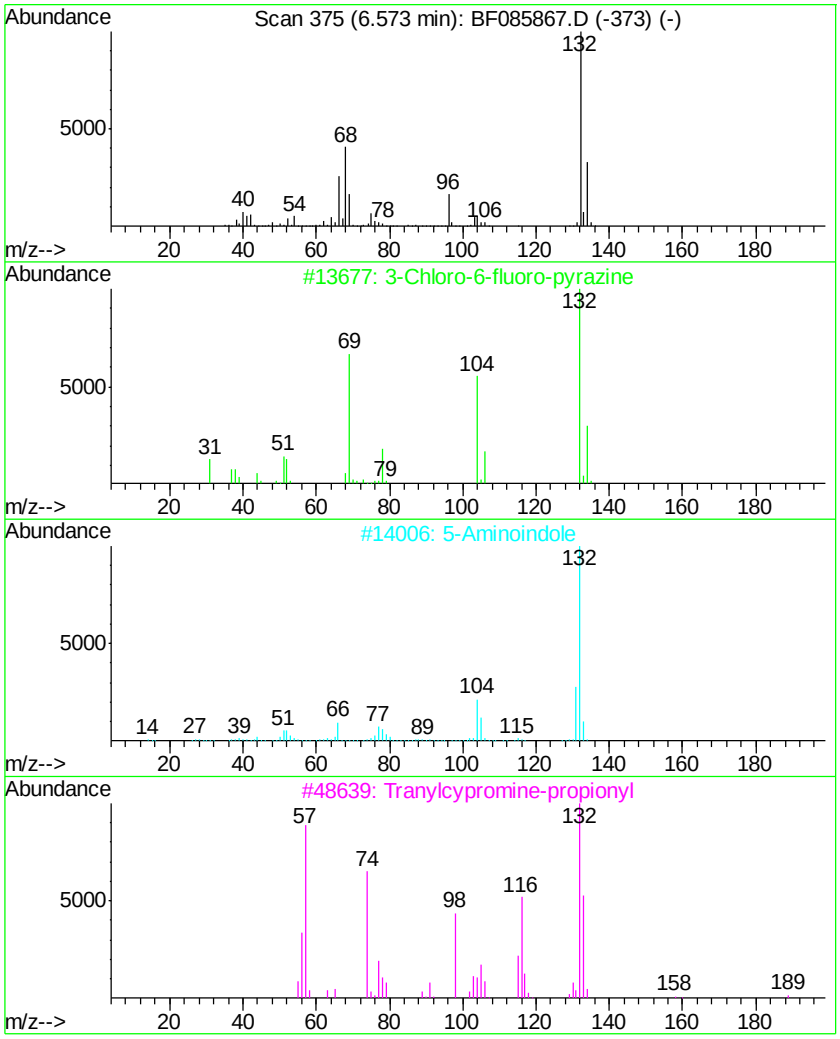
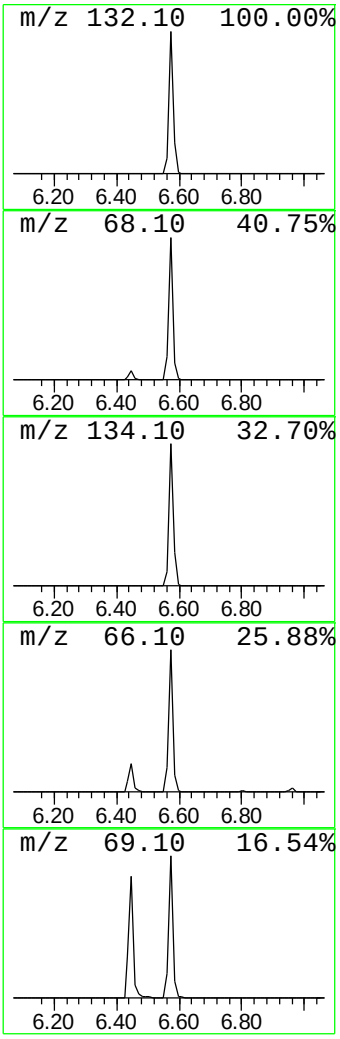
Peak Number 1 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	69.49 ng	2215800	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Data File : BF085867.D
Acq On : 29 Mar 2016 23:50
Operator : UM/SJ
Sample : H1970-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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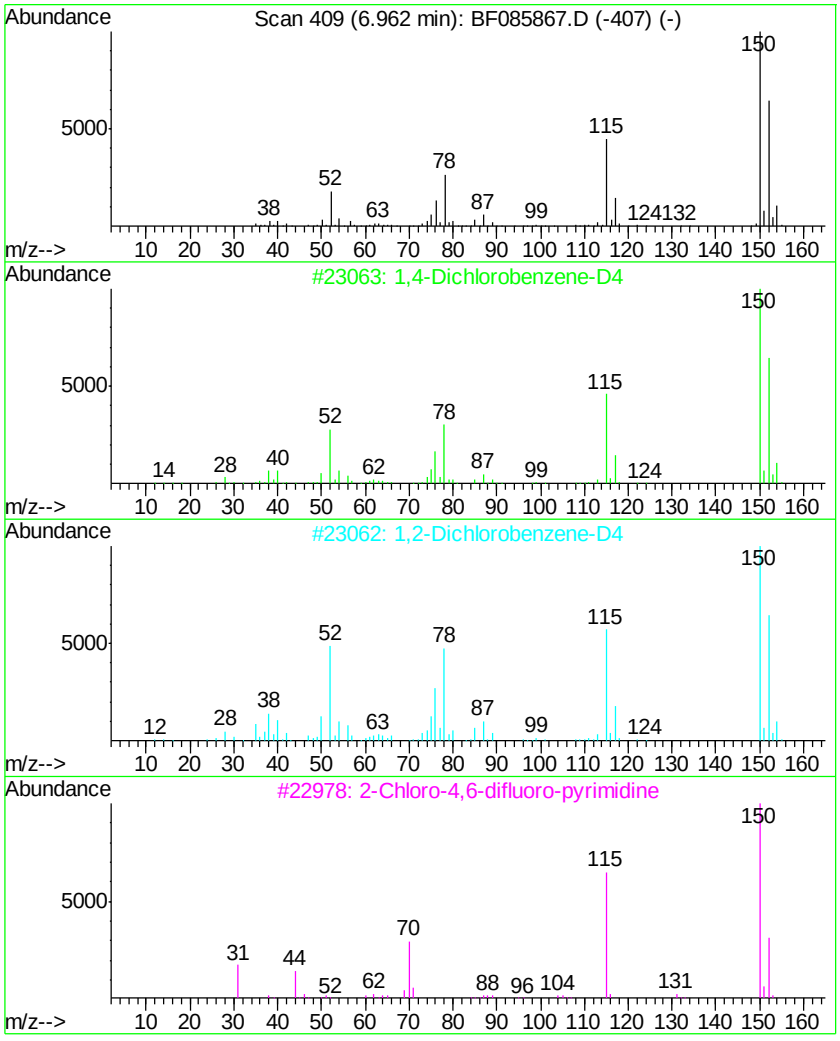
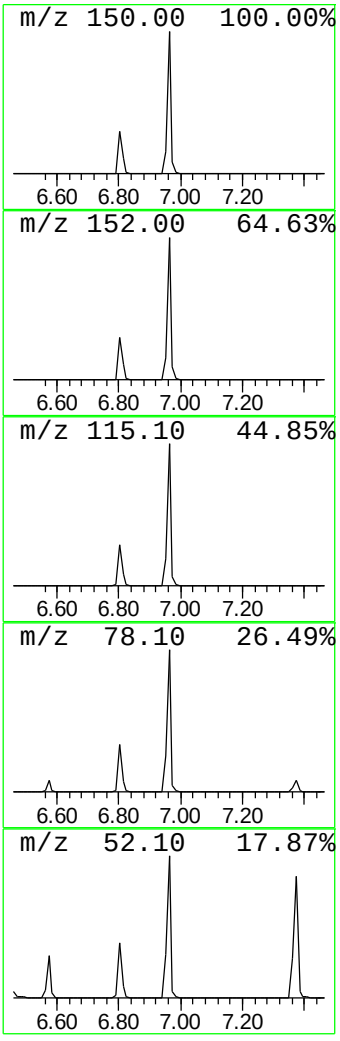
Peak Number 2 2-Chloro-4,6-difluoro-pyrim... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	60.39 ng	1925840	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dichlorobenzene-D4	150	C6D4Cl2	003855-82-1	94
2	1,2-Dichlorobenzene-D4	150	C6D4Cl2	002199-69-1	91
3	2-Chloro-4,6-difluoro-pyrimidine	150	C4HClF2N2	038953-30-9	50
4	9-Borabicyclo[3.3.1]nonane, 9-et...	150	C10H19B	052102-17-7	22
5	But-2-yne-1,4-diol, o,o'-bis(3-n...	384	C18H12N2O8	055709-58-5	17





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Sample : H1970-10
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Instrument : BNA_F
ClientSampleId : TP-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
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TIC Library : C:\DATABASE\NIST02.L
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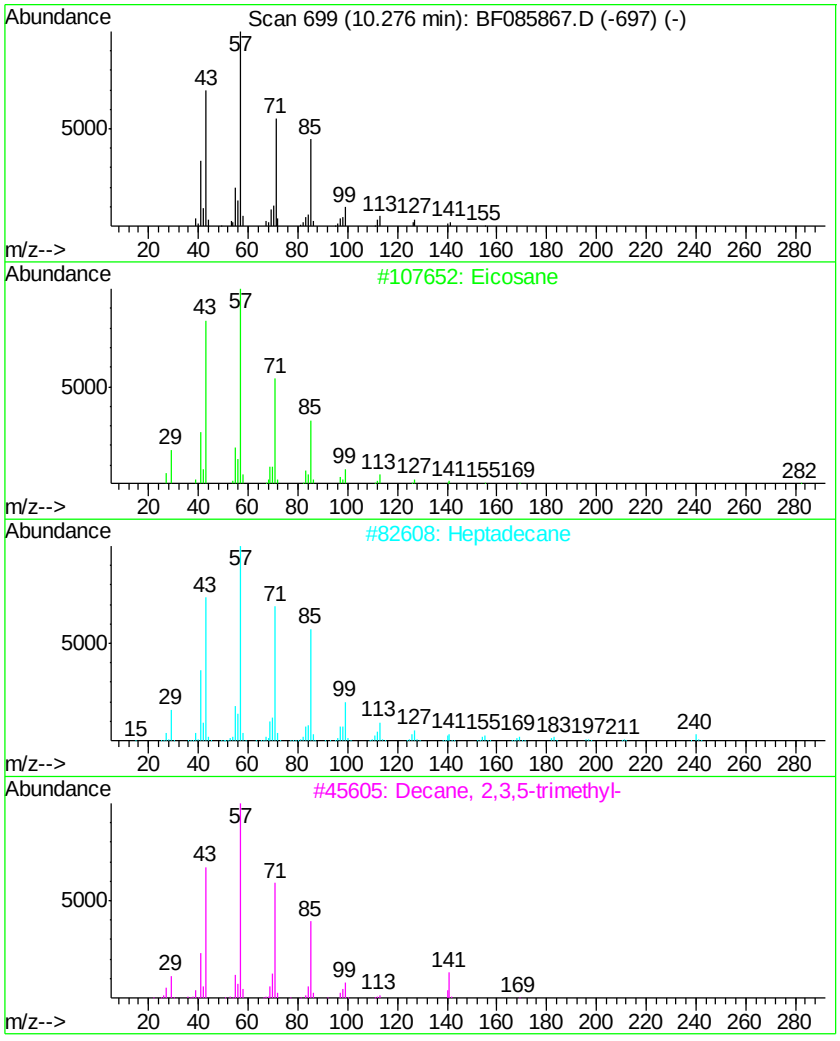
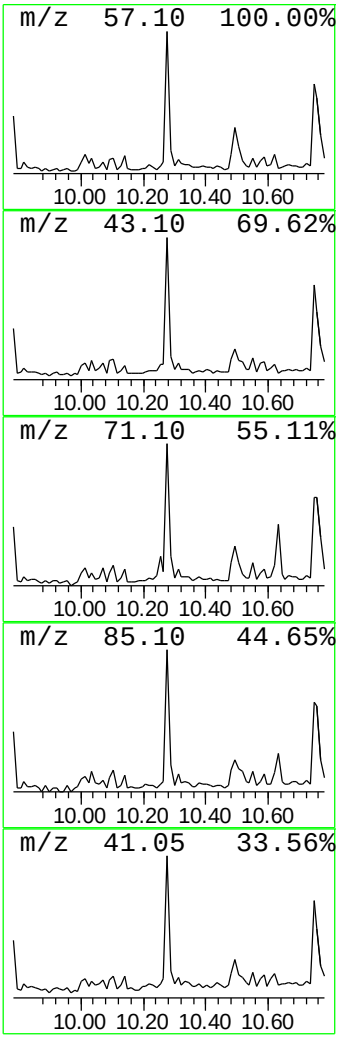
Peak Number 3 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	2.34 ng	93645	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4	Pentadecane	212	C15H32	000629-62-9	72
5	Tridecane	184	C13H28	000629-50-5	72





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Sample : H1970-10
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
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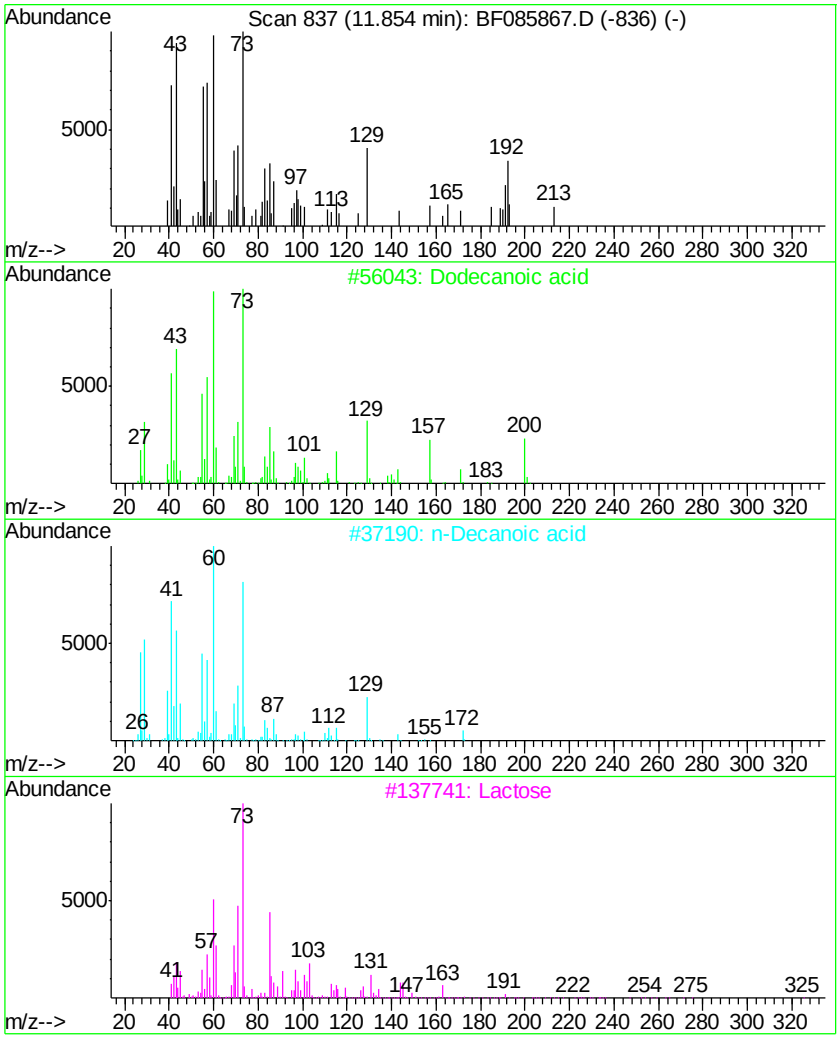
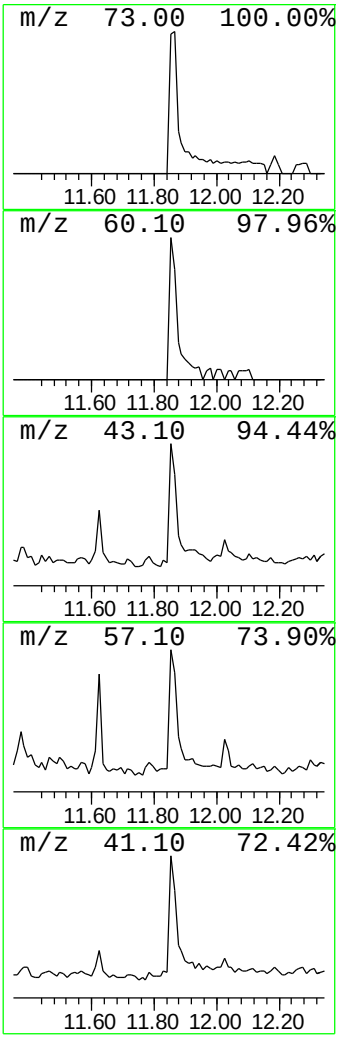
Peak Number 5 Dodecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	2.83 ng	102604	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	72
2	n-Decanoic acid	172	C10H20O2	000334-48-5	53
3	Lactose	342	C12H22O11	000063-42-3	27
4	Vitamin d3	384	C27H44O	001406-16-2	27
5	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	10





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Sample : H1970-10
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
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TIC Library : C:\DATABASE\NIST02.L
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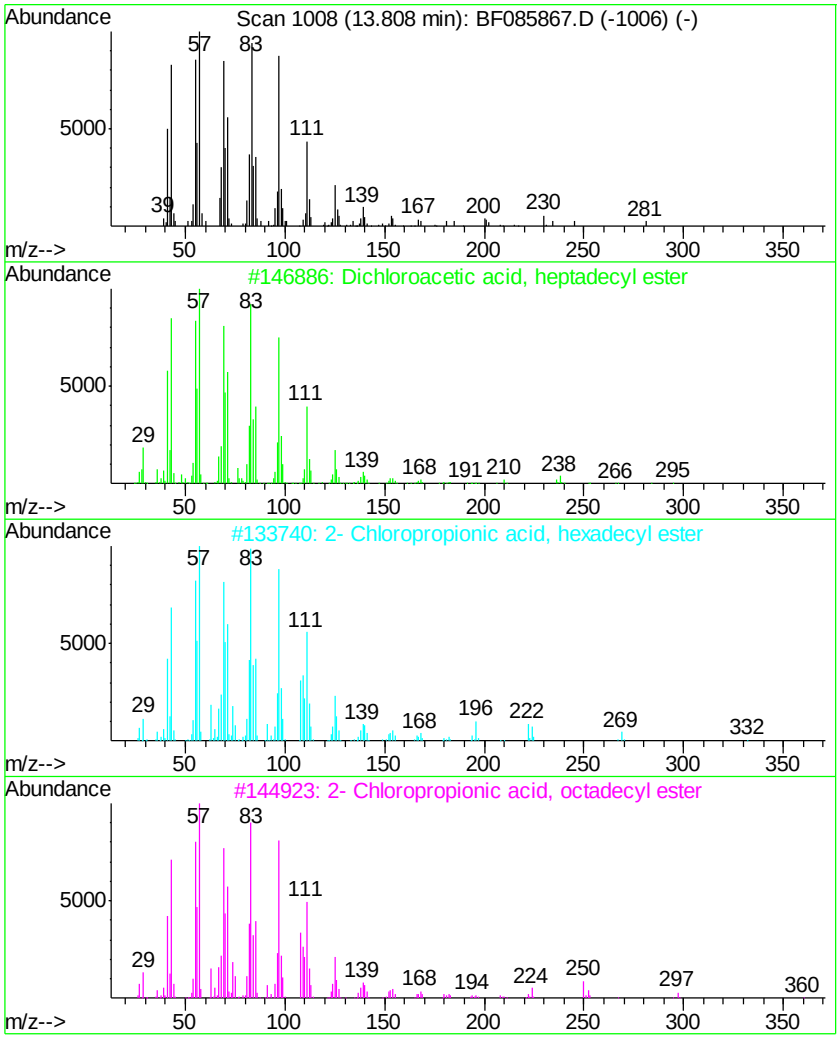
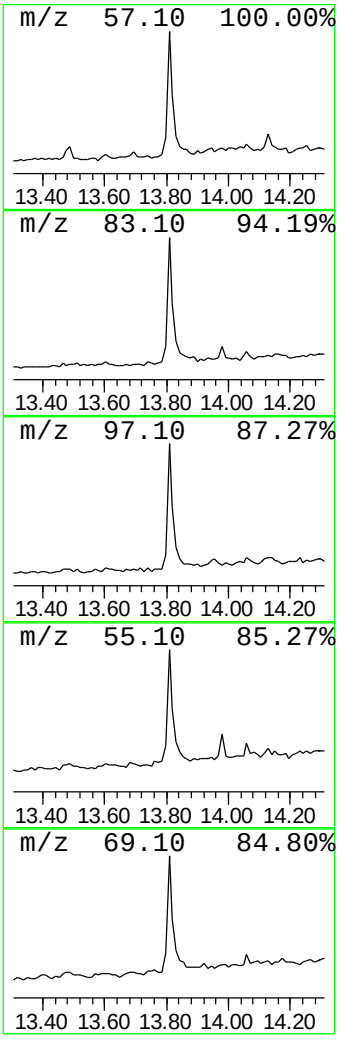
Peak Number 7 Dichloroacetic acid, heptad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	4.96 ng	201848	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	94
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5	1-Octadecanol	270	C18H38O	000112-92-5	91





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Instrument : BNA_F
ClientSampleId : TP-10

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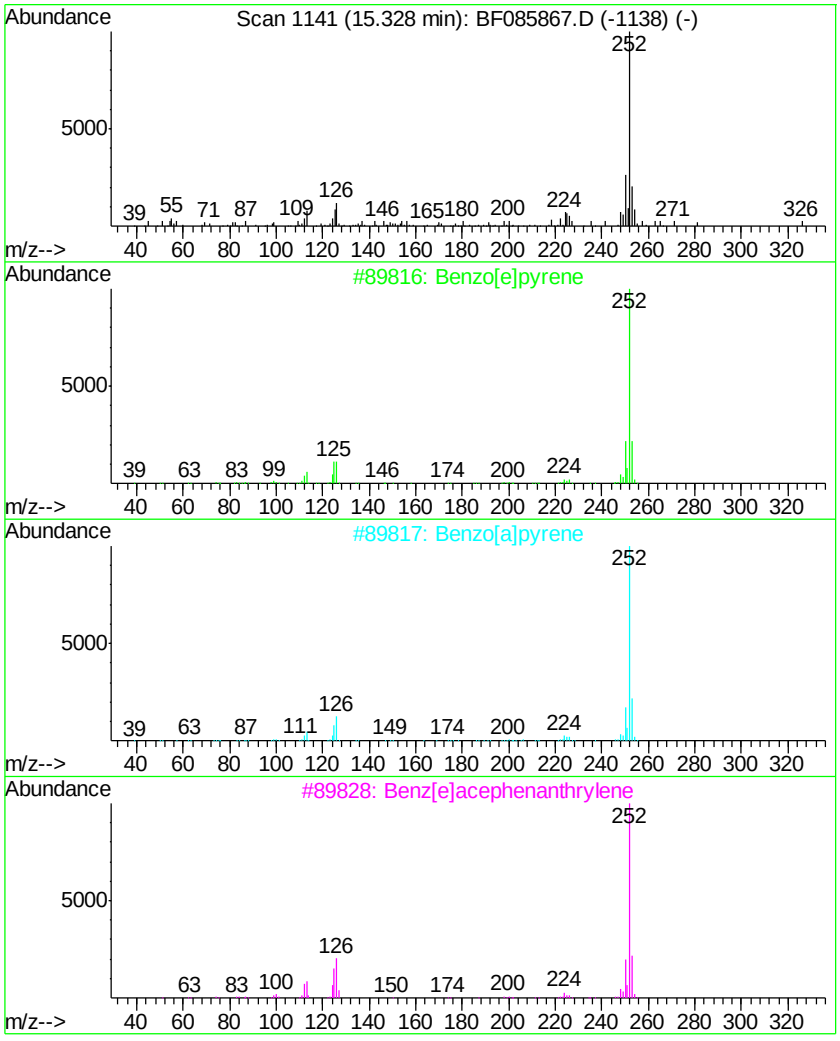
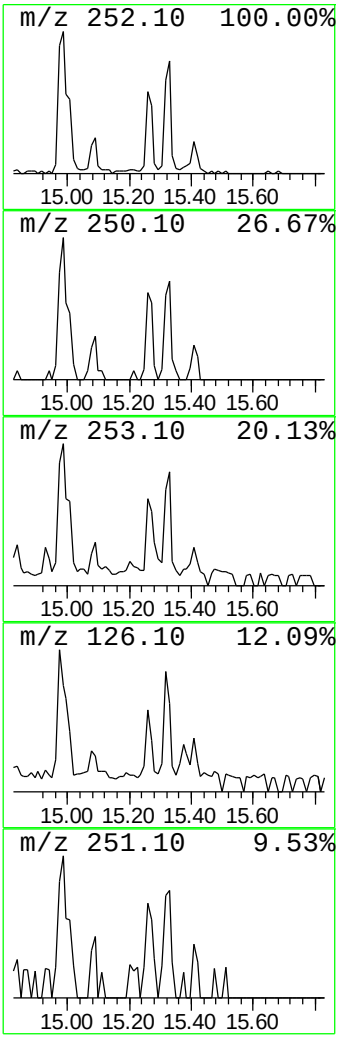
Peak Number 8 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	2.13 ng	65630	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	81
2	Benzo[a]pyrene	252	C20H12	000050-32-8	81
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
5	Perylene	252	C20H12	000198-55-0	68





Tentatively Identified Compound (LSC) summary

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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
unknown6.57	6.57	69.5	ng	2215800	1	6.80	637754	20.0
2-Chloro-4,6-difl...	6.96	60.4	ng	1925840	1	6.80	637754	20.0
Eicosane	10.28	2.3	ng	93645	3	9.84	799018	20.0
Dodecanoic acid	11.85	2.8	ng	102604	4	11.33	725750	20.0
Dichloroacetic ac...	13.81	5.0	ng	201848	5	13.97	814597	20.0
Benzo[e]pyrene	15.33	2.1	ng	65630	6	15.39	617246	20.0