LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085861.D
Acq On : 29 Mar 2016 21:01
Operator : UM/SJ
Sample : H1970-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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	4.447	186	189	193	rVB	30641	45516	1.73%	0.174%
2	4.996	235	237	243	rBV	33377	48516	1.85%	0.185%
3	5.407	270	273	275	rBV	1705739	2406740	91.72%	9.189%
4	6.447	361	364	366	rBV	2285267	2623882	100.00%	10.018%
5	6.573	373	375	377	rBV	2639601	2444489	93.16%	9.333%
6	6.801	393	395	398	rBV	746955	656531	25.02%	2.507%
7	6.961	407	409	411	rBV	2093882	1890184	72.04%	7.217%
8	7.373	442	445	447	rBV	1776235	1701719	64.86%	6.497%
9	7.476	451	454	461	rVB	33749	49817	1.90%	0.190%
10	8.093	505	508	510	rBV	880775	867117	33.05%	3.311%
11	9.167	599	602	604	rBV	2368568	2009048	76.57%	7.671%
12	9.567	635	637	639	rBV	491696	487751	18.59%	1.862%
13	9.773	653	655	657	rBV	54068	69882	2.66%	0.267%
14	9.842	659	661	663	rVB	1062520	933555	35.58%	3.564%
15	10.276	698	699	701	rVB	126842	94359	3.60%	0.360%
16	10.493	715	718	722	rBV	37322	65263	2.49%	0.249%
17	10.630	727	730	733	rBV	1473715	1540194	58.70%	5.881%
18	10.745	739	740	747	rVB	101931	144419	5.50%	0.551%
19	11.202	777	780	781	rBV	35463	51138	1.95%	0.195%
20	11.328	789	791	792	rBV	1125368	969051	36.93%	3.700%
21	11.351	792	793	795	rVV	329879	250051	9.53%	0.955%
22	11.408	795	798	799	rVB2	25361	33350	1.27%	0.127%
23	11.831	833	835	836	rBV	36461	33888	1.29%	0.129%
24	11.853	836	837	839	rVV	141835	207623	7.91%	0.793%
25	11.933	843	844	849	rVB3	32548	70712	2.69%	0.270%
26	12.151	862	863	866	rBV	25314	29634	1.13%	0.113%
27	12.379	881	883	885	rBV	22548	30065	1.15%	0.115%
28	12.471	889	891	894	rBV2	19941	29046	1.11%	0.111%
29	12.539	894	897	899	rBV	468207	429968	16.39%	1.642%
30	12.642	904	906	908	rBV2	80974	95513	3.64%	0.365%
31	12.688	908	910	912	rVV2	23626	36498	1.39%	0.139%
32	12.768	912	917	919	rVV	331593	408051	15.55%	1.558%
33	12.848	923	924	926	rVB	40389	29768	1.13%	0.114%
34	12.905	927	929	932	rVV	1244827	1352804	51.56%	5.165%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.985	934	936	940	rBV3	21323	46595	1.78%	0.178%
36	13.088	942	945	947	rBV2	37671	77240	2.94%	0.295%
37	13.122	947	948	951	rBV3	14724	27802	1.06%	0.106%
38	13.202	952	955	959	rBV2	39908	79026	3.01%	0.302%
39	13.294	961	963	964	rBV	62718	90059	3.43%	0.344%
40	13.362	967	969	972	rBV3	83953	145080	5.53%	0.554%
41	13.408	972	973	975	rVB	105941	92016	3.51%	0.351%
42	13.454	975	977	978	rBV	23946	31992	1.22%	0.122%
43	13.476	978	979	982	rVV	41480	49253	1.88%	0.188%
44	13.602	988	990	994	rBV	42895	53028	2.02%	0.202%
45	13.716	997	1000	1001	rBV	34320	54669	2.08%	0.209%
46	13.762	1003	1004	1007	rVV2	44894	63971	2.44%	0.244%
47	13.808	1007	1008	1013	rVB3	103354	143452	5.47%	0.548%
48	13.956	1018	1021	1026	rBV2	569896	1339402	51.05%	5.114%
49	14.128	1034	1036	1038	rBV2	30751	45758	1.74%	0.175%
50	14.208	1041	1043	1044	rVB2	28952	33919	1.29%	0.130%
51	14.437	1060	1063	1065	rBV3	20251	36177	1.38%	0.138%
52	14.722	1087	1088	1092	rVB	26868	40766	1.55%	0.156%
53	14.974	1108	1110	1114	rBV	120861	239616	9.13%	0.915%
54	15.042	1114	1116	1118	rVB2	36765	42569	1.62%	0.163%
55	15.259	1133	1135	1138	rVB	71476	85537	3.26%	0.327%
56	15.317	1138	1140	1143	rVV	84663	110947	4.23%	0.424%
57	15.374	1143	1145	1152	rVB	410931	650765	24.80%	2.485%
58	15.797	1180	1182	1185	rBV	24637	42224	1.61%	0.161%
59	16.265	1221	1223	1228	rVB2	23086	43147	1.64%	0.165%
60	16.425	1234	1237	1240	rVB4	16380	35984	1.37%	0.137%
61	16.757	1263	1266	1269	rBV2	45293	87612	3.34%	0.335%
62	17.168	1299	1302	1308	rVB	36594	87709	3.34%	0.335%
63	18.231	1391	1395	1402	rVB8	15664	55415	2.11%	0.212%
64	19.191	1475	1479	1484	rVB3	40921	123242	4.70%	0.471%

Sum of corrected areas: 26191114

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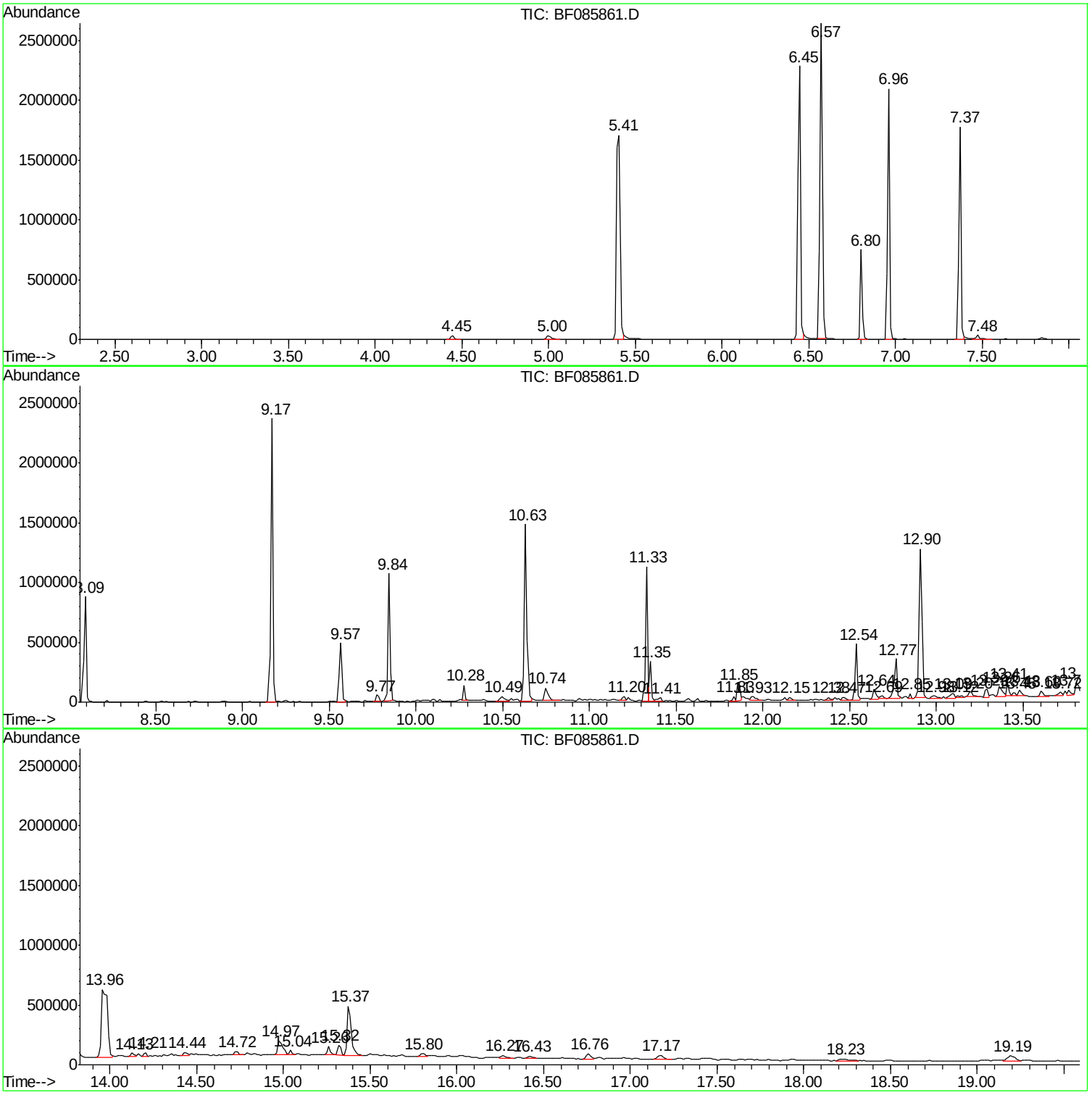
Instrument :
BNA_F
ClientSampleId :
TP-2

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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TIC Library : C:\DATABASE\NIST02.L
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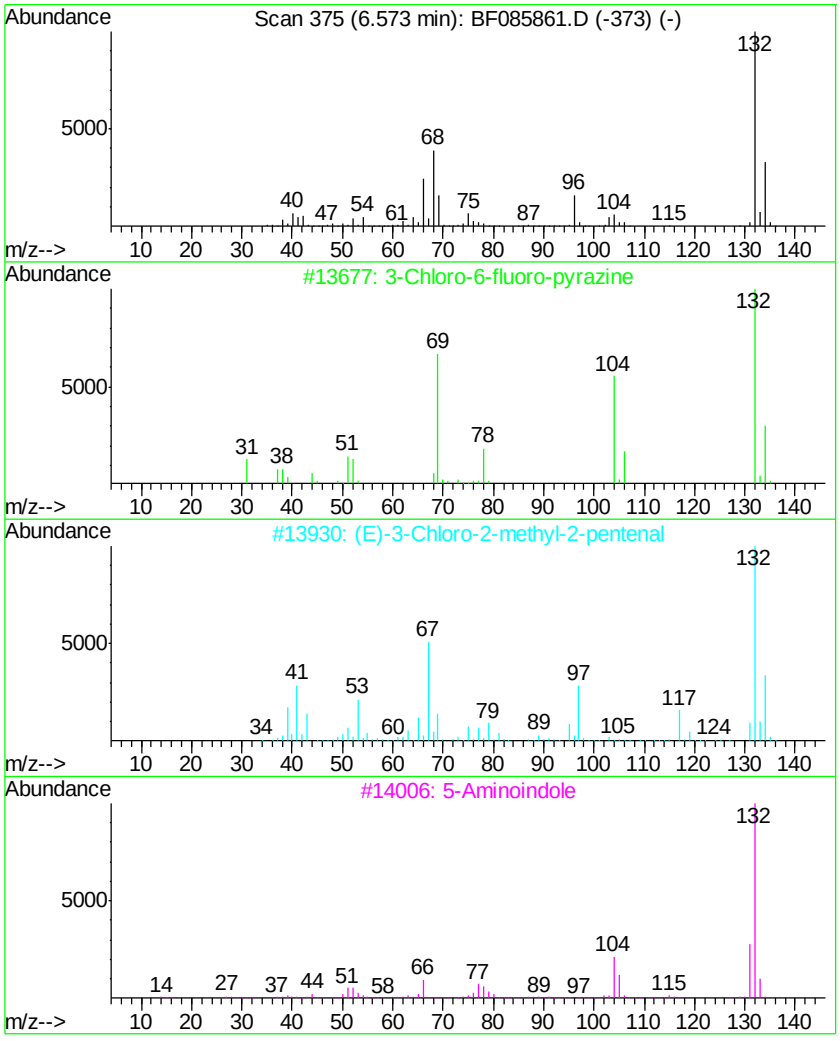
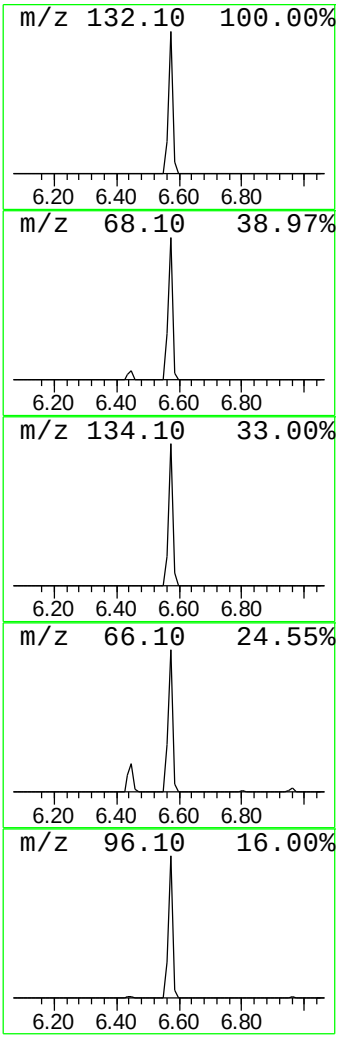
Peak Number 1 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	74.47 ng	2444490	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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085861.D
Acq On : 29 Mar 2016 21:01
Operator : UM/SJ
Sample : H1970-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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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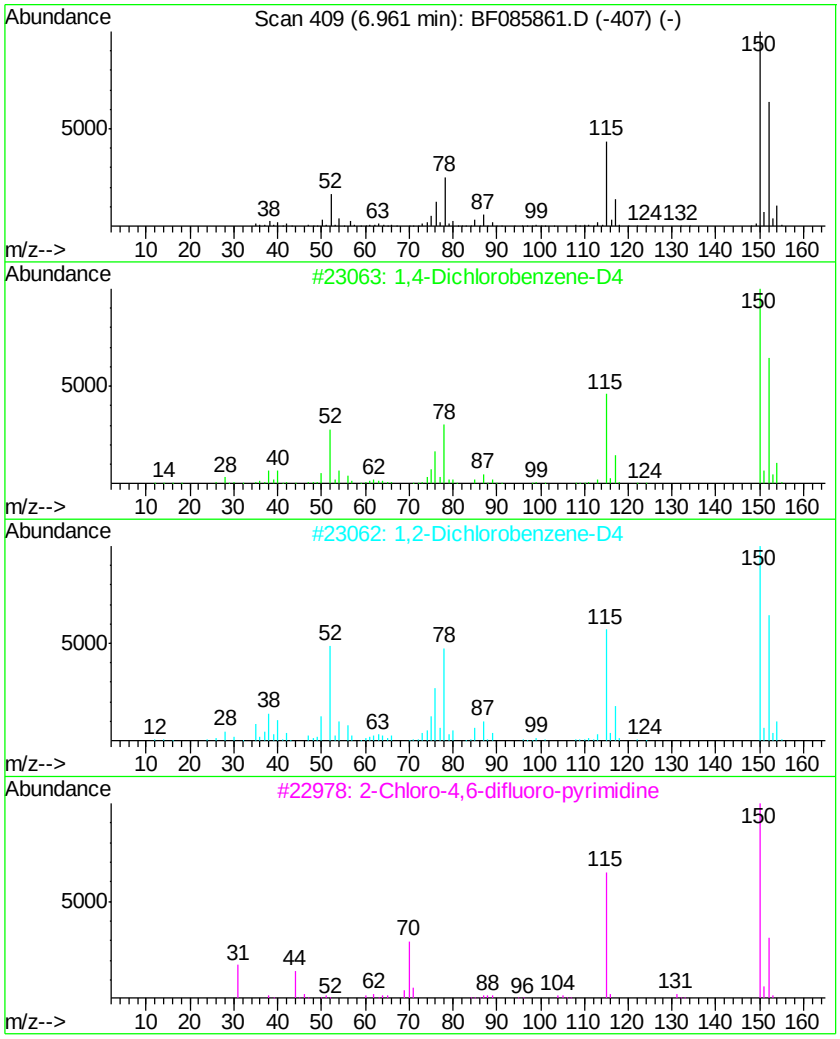
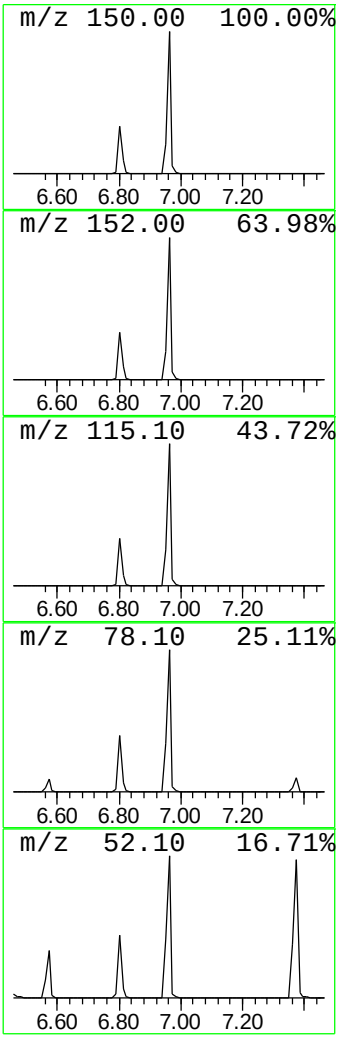
Peak Number 2 2-Chloro-4,6-difluoro-pyrim... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	57.58 ng	1890180	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	2-Bromo-2'-nitroacetophenone	243	C8H6BrNO3	006851-99-6	17
5	2,3,5-Tri-O-p-nitrobenzoyl-.alph...	606	C27H18N4O13	1000129-91-5	16





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Data File : BF085861.D
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Sample : H1970-02
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Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
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TIC Library : C:\DATABASE\NIST02.L
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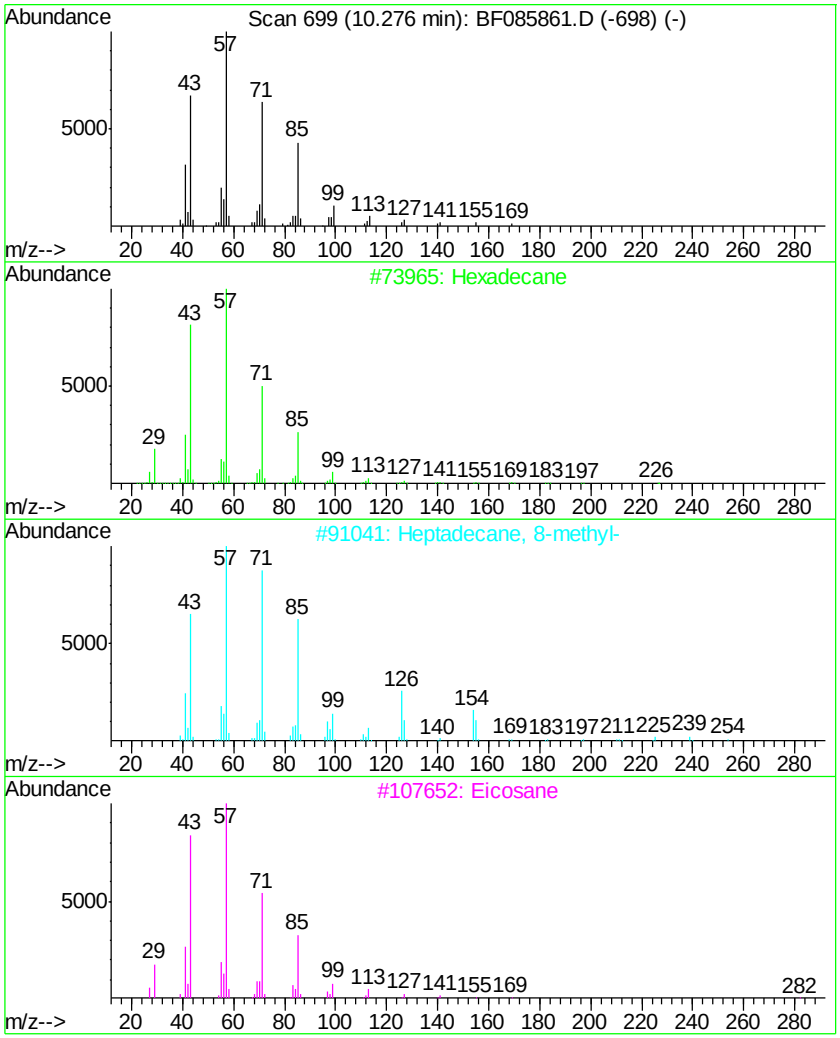
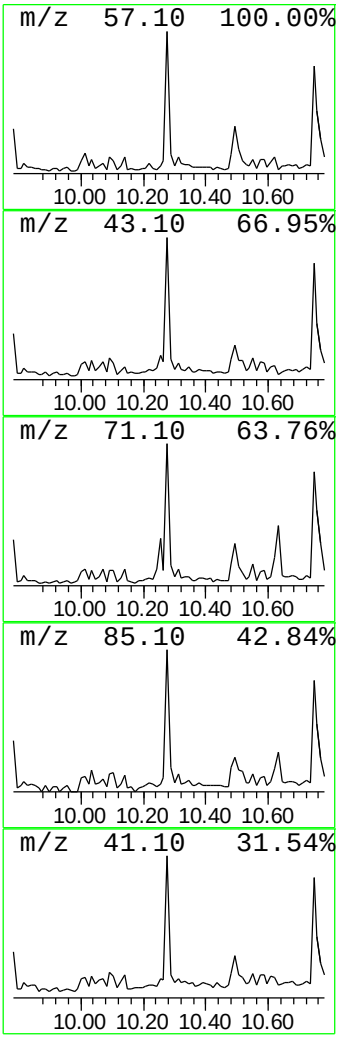
Peak Number 3 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	2.02 ng	94359	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	83
3	Eicosane	282	C20H42	000112-95-8	83
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	78





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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
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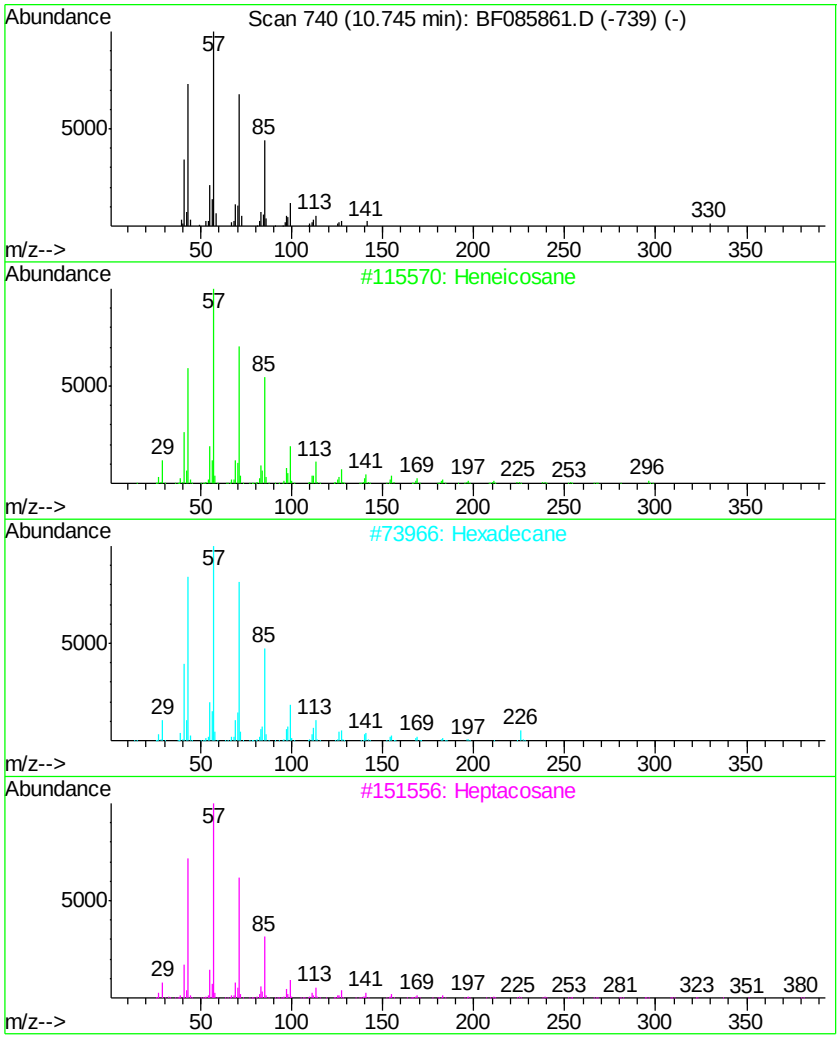
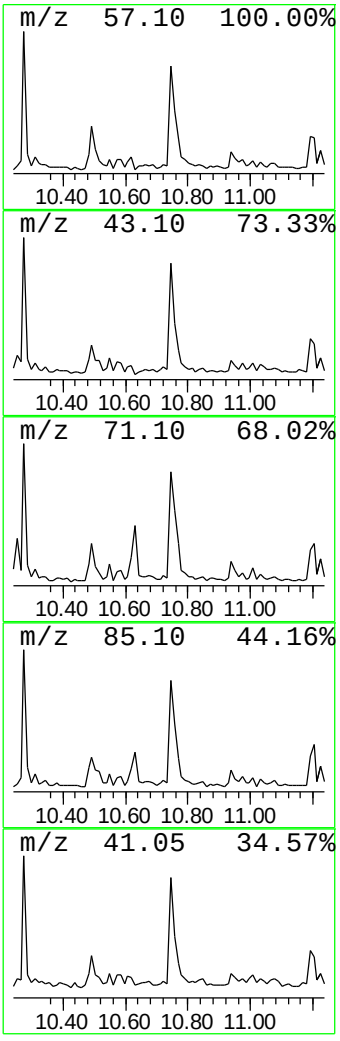
Peak Number 4 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	2.98 ng	144419	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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Sample : H1970-02
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Instrument : BNA_F
ClientSampleId : TP-2

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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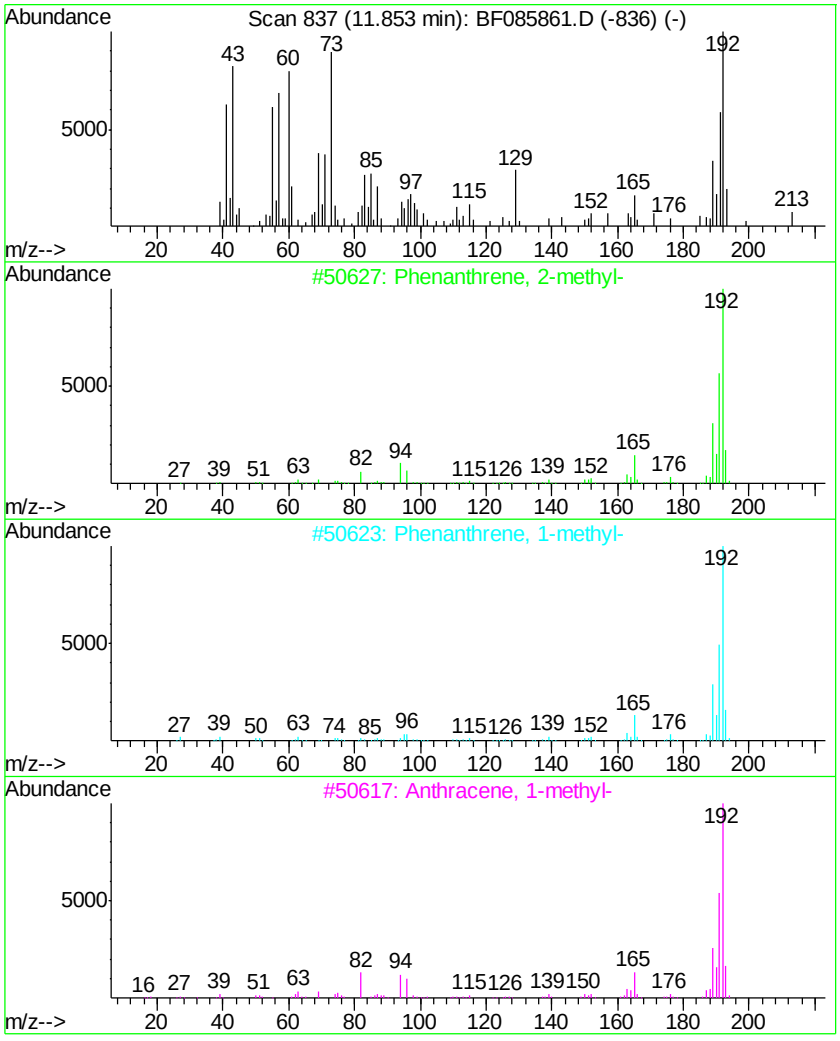
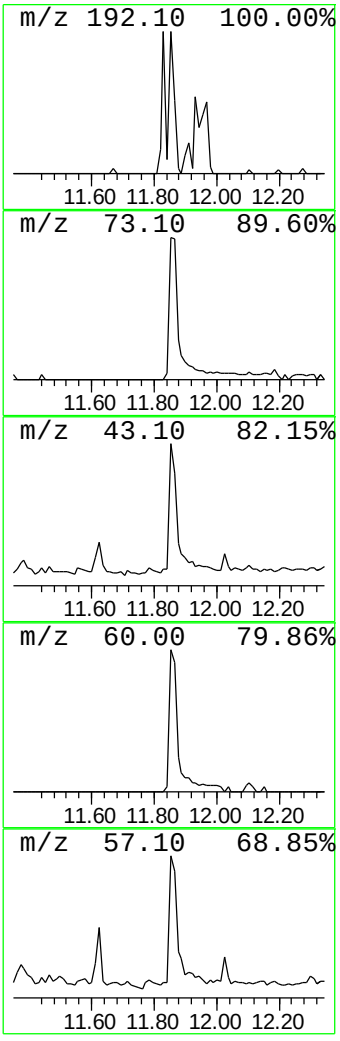
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	4.29 ng	207623	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	70
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	49





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TIC Library : C:\DATABASE\NIST02.L
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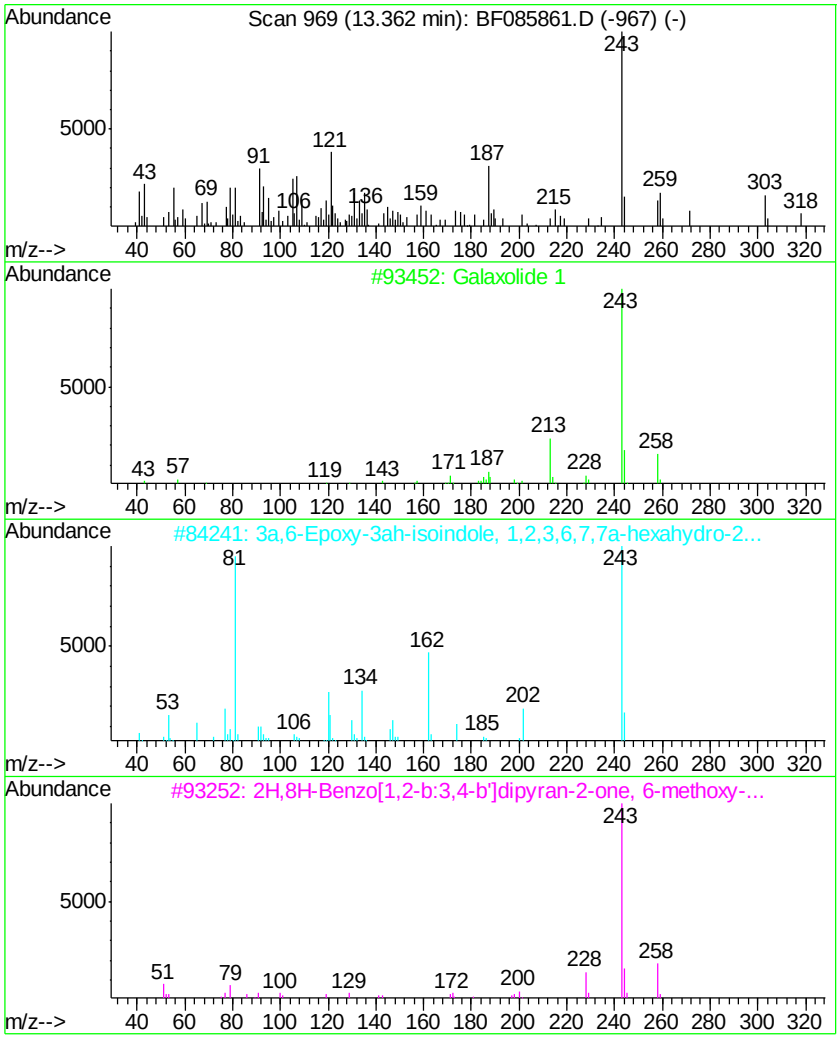
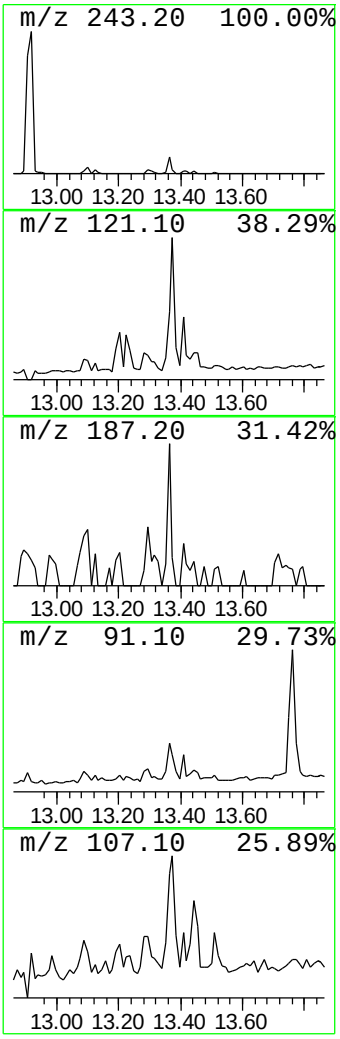
Peak Number 6 unknown13.36 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	2.17 ng	145080	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Galaxolide 1	258	C18H26O	1000285-26-6	47
2	3a,6-Epoxy-3ah-isoindole, 1,2,3,...	243	C15H17NO2	071840-23-8	43
3	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	258	C15H14O4	006054-10-0	43
4	Furo[2,3-H]coumarine, 2-(1-hydro...	258	C15H14O4	350682-01-8	40
5	Galaxolide 2	258	C18H26O	1000285-26-7	38





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Instrument : BNA_F
ClientSampleId : TP-2

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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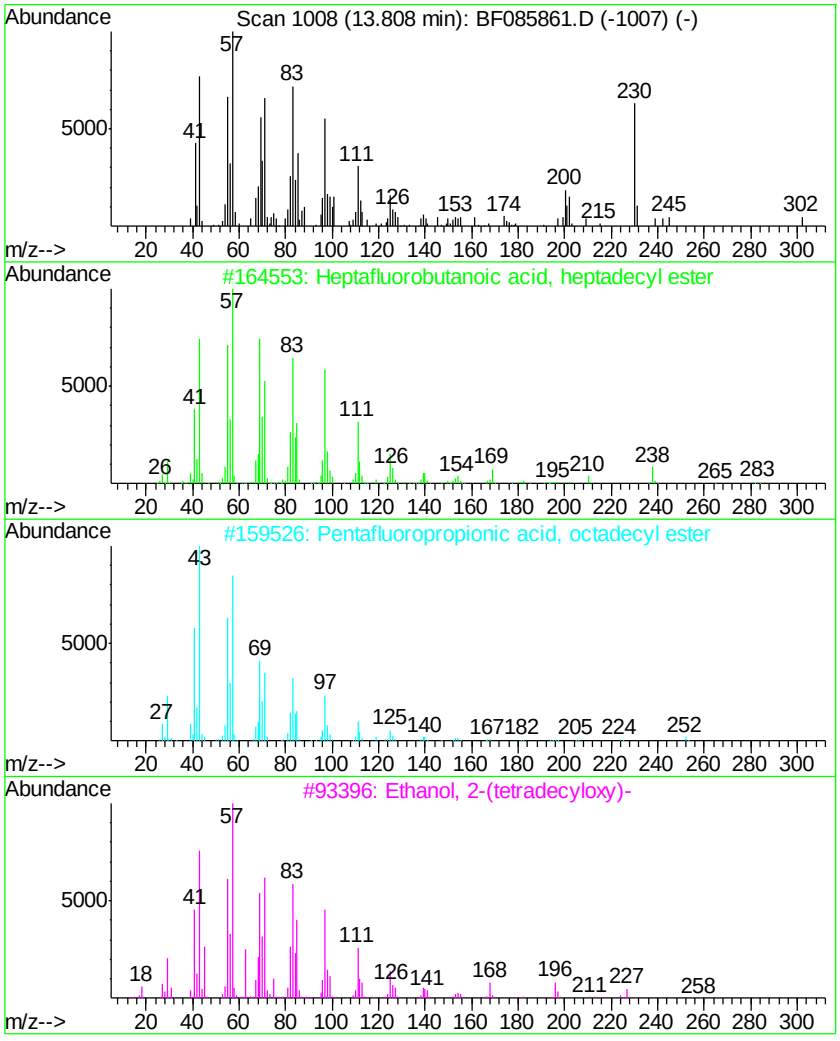
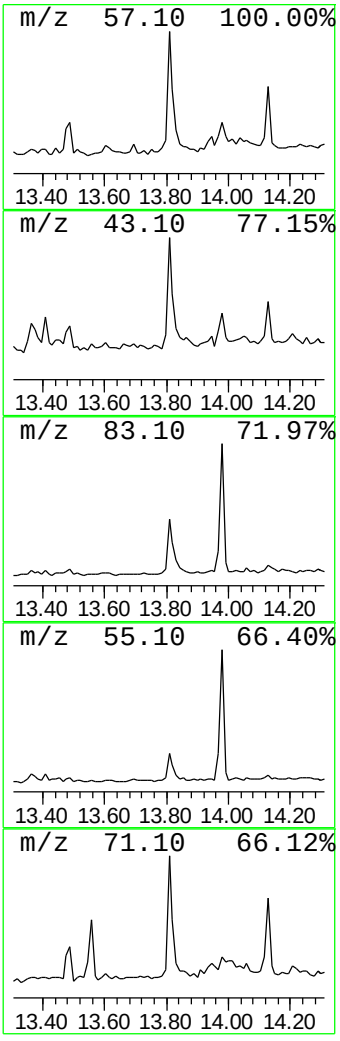
Peak Number 7 Heptafluorobutanoic acid, h... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	2.14 ng	143452	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	89
2	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	76
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	76
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	64
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	64





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Sample : H1970-02
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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST02.L
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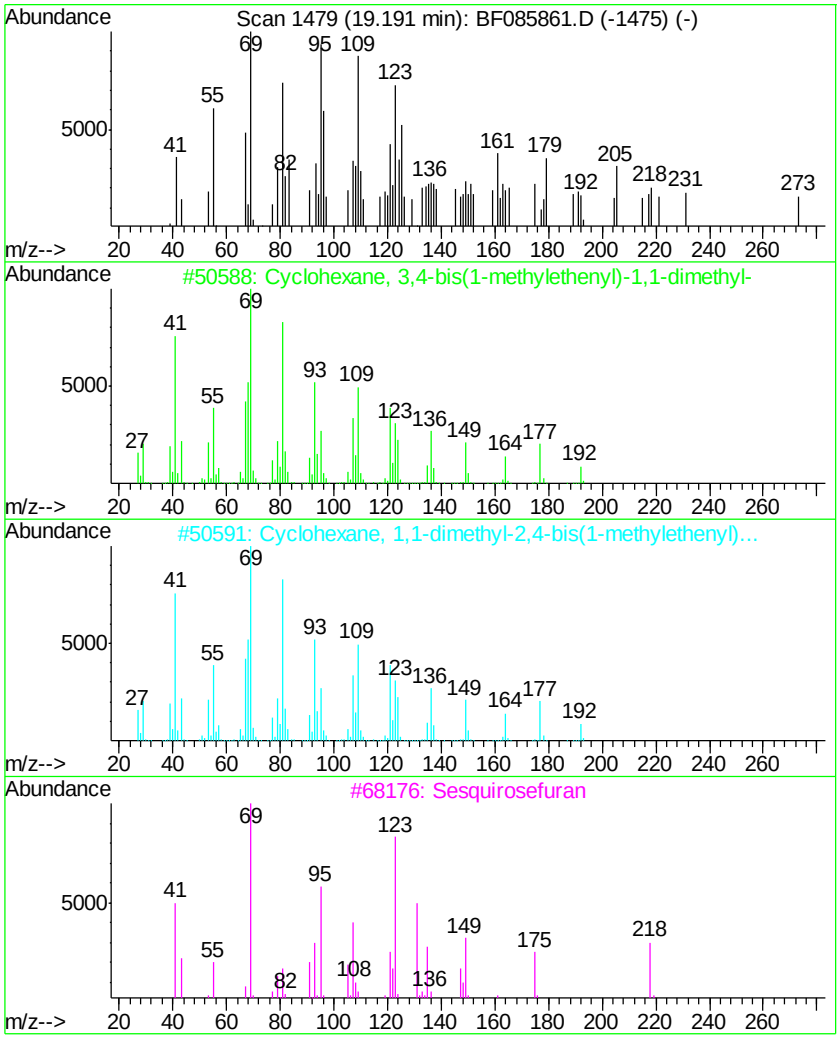
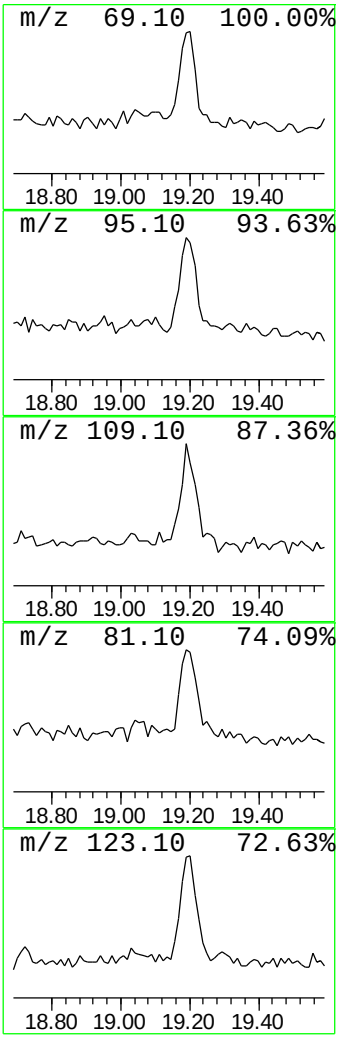
Peak Number 9 unknown19.19 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	3.79 ng	123242	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 3,4-bis(1-methyleth...	192	C14H24	061142-74-3	41
2	Cyclohexane, 1,1-dimethyl-2,4-bi...	192	C14H24	062337-98-8	41
3	Sesquirosefuran	218	C15H22O	039007-93-7	38
4	1H-Imidazole, 2-ethyl-	96	C5H8N2	001072-62-4	30
5	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085861.D
Acq On : 29 Mar 2016 21:01
Operator : UM/SJ
Sample : H1970-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.57	6.57	74.5	ng	2444490	1	6.80	656531	20.0
2-Chloro-4,6-difl...	6.96	57.6	ng	1890180	1	6.80	656531	20.0
Hexadecane	10.28	2.0	ng	94359	3	9.84	933555	20.0
Heneicosane	10.74	3.0	ng	144419	4	11.33	969051	20.0
Phenanthrene, 2-m...	11.85	4.3	ng	207623	4	11.33	969051	20.0
unknown13.36	13.36	2.2	ng	145080	5	13.97	1339400	20.0
Heptafluorobutano...	13.81	2.1	ng	143452	5	13.97	1339400	20.0
unknown19.19	19.19	3.8	ng	123242	6	15.37	650765	20.0