LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084361.D
Acq On : 10 Jan 2016 13:31
Operator : SJ/UM
Sample : H1043-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4N(0-10)

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-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	5.047	256	259	266	rVB	1362979	2071459	25.83%	2.634%
2	5.470	293	296	299	rBV	5618693	7092061	88.44%	9.017%
3	6.510	383	387	389	rBV	6883920	8019296	100.00%	10.196%
4	6.636	395	398	400	rBV	5422061	7651000	95.41%	9.728%
5	6.853	415	417	419	rBV	2115678	1728207	21.55%	2.197%
6	7.013	428	431	433	rBV	6369640	5660060	70.58%	7.196%
7	7.424	464	467	469	rBV	5044615	5155714	64.29%	6.555%
8	7.539	475	477	482	rVB	187010	292172	3.64%	0.371%
9	7.882	505	507	511	rBV	75510	85147	1.06%	0.108%
10	8.144	527	530	532	rBV	2149429	2247468	28.03%	2.858%
11	8.567	565	567	569	rBV	112596	131006	1.63%	0.167%
12	9.162	618	619	621	rBV	112995	150707	1.88%	0.192%
13	9.219	621	624	627	rVV	7276385	6917313	86.26%	8.795%
14	9.299	628	631	633	rBV	131039	153820	1.92%	0.196%
15	9.345	633	635	638	rBV4	38945	83512	1.04%	0.106%
16	9.619	656	659	661	rBV	3499869	3281805	40.92%	4.173%
17	9.767	670	672	674	rBV	81286	136885	1.71%	0.174%
18	9.802	674	675	676	rBV	101926	105341	1.31%	0.134%
19	9.836	676	678	680	rVB2	128171	185089	2.31%	0.235%
20	9.893	681	683	685	rVB	2589315	2393726	29.85%	3.043%
21	10.065	695	698	699	rBV3	48234	99572	1.24%	0.127%
22	10.156	704	706	708	rBV2	109686	124165	1.55%	0.158%
23	10.305	717	719	720	rBV	161291	173001	2.16%	0.220%
24	10.328	720	721	725	rVV	401690	409427	5.11%	0.521%
25	10.442	729	731	734	rBV3	42852	84901	1.06%	0.108%
26	10.556	738	741	744	rVV2	141157	252037	3.14%	0.320%
27	10.682	749	752	755	rBV2	3777859	5002630	62.38%	6.361%
28	10.819	759	764	766	rBV2	566384	1134768	14.15%	1.443%
29	11.013	777	781	784	rVB5	78642	193529	2.41%	0.246%
30	11.128	789	791	795	rVB5	56310	96347	1.20%	0.122%
31	11.253	800	802	803	rVV	386974	350639	4.37%	0.446%
32	11.276	803	804	808	rVB	250425	316774	3.95%	0.403%
33	11.379	811	813	814	rBV	2701637	2280176	28.43%	2.899%
34	11.402	814	815	816	rVV	280013	199887	2.49%	0.254%

LSC Area Percent Report

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Operator : SJ/UM
Sample : H1043-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4N(0-10)

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

35	11.448	816	819	821	rVB2	82099	135642	1.69%	0.172%
36	11.608	830	833	837	rBV3	97360	246195	3.07%	0.313%
37	11.676	837	839	841	rBV	205508	159464	1.99%	0.203%
38	11.985	864	866	871	rVB4	87866	199436	2.49%	0.254%
39	12.088	873	875	876	rVB2	109193	108538	1.35%	0.138%
40	12.476	907	909	911	rVB	75808	91098	1.14%	0.116%
41	12.591	917	919	921	rBV	370004	358276	4.47%	0.456%
42	12.819	934	939	940	rBV	264100	464507	5.79%	0.591%
43	12.853	940	942	950	rVV	995426	1279601	15.96%	1.627%
44	12.968	950	952	955	rVB	6043622	5966538	74.40%	7.586%
45	13.208	969	973	974	rBV2	44012	98185	1.22%	0.125%
46	13.242	974	976	981	rVB4	73451	107446	1.34%	0.137%
47	13.539	1000	1002	1006	rBV3	50811	80678	1.01%	0.103%
48	13.871	1028	1031	1037	rBV2	631492	951146	11.86%	1.209%
49	14.008	1041	1043	1045	rVV	1265909	1871628	23.34%	2.380%
50	14.042	1045	1046	1049	rVB	116229	104755	1.31%	0.133%
51	14.499	1084	1086	1092	rVB5	64594	162704	2.03%	0.207%
52	14.865	1116	1118	1121	rVB	97383	108344	1.35%	0.138%
53	15.037	1130	1133	1137	rVB	109402	244435	3.05%	0.311%
54	15.117	1138	1140	1144	rVB3	56668	90688	1.13%	0.115%
55	15.322	1155	1158	1161	rVB	67905	104755	1.31%	0.133%
56	15.379	1161	1163	1166	rBV	74835	119715	1.49%	0.152%
57	15.437	1166	1168	1171	rBV	814378	1237630	15.43%	1.574%
58	15.951	1211	1213	1217	rBV3	46654	100348	1.25%	0.128%

Sum of corrected areas: 78651393

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084361.D
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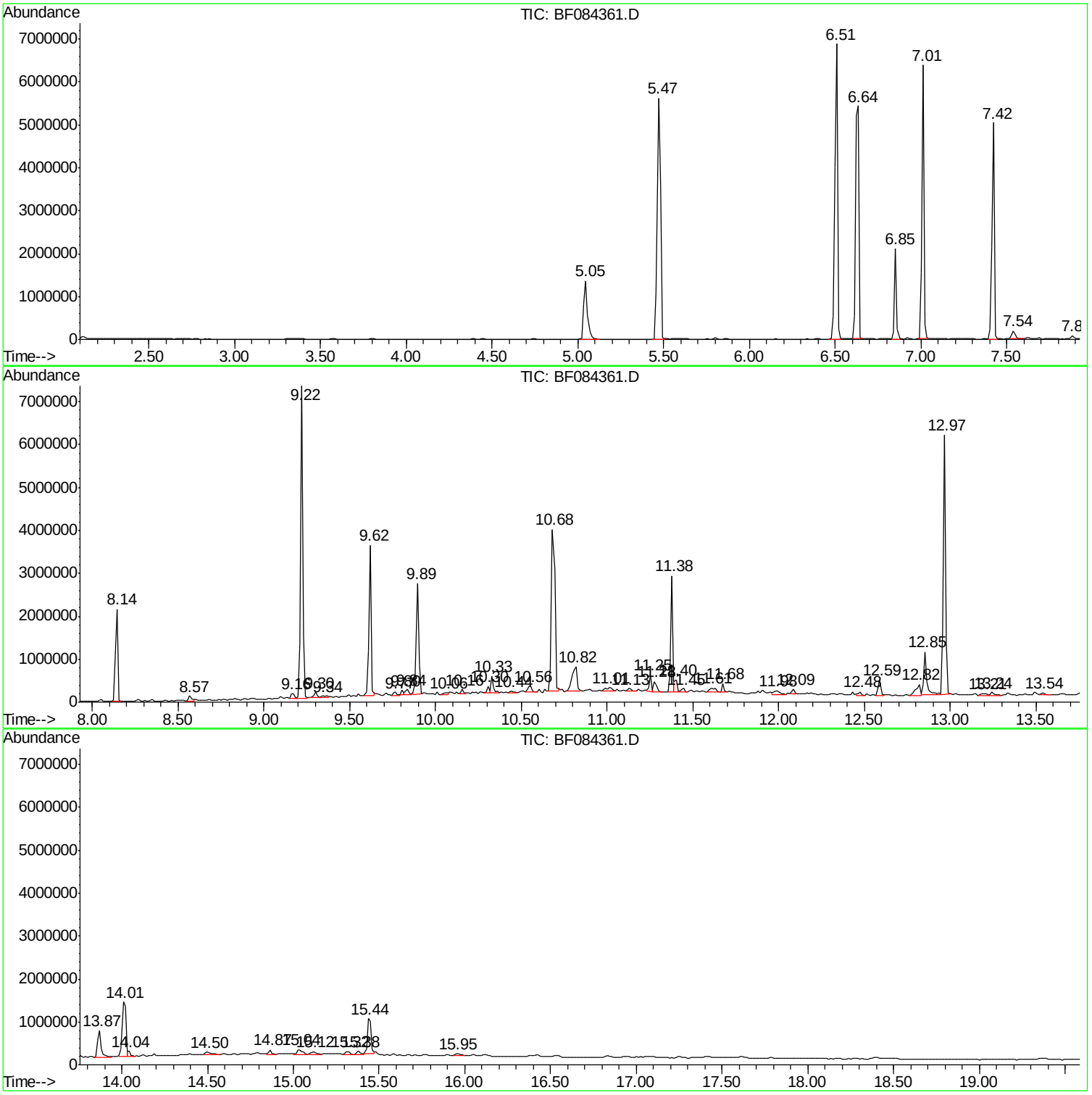
Operator : SJ/UM
Sample : H1043-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4N(0-10)

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\BF011016\
Data File : BF084361.D
Acq On : 10 Jan 2016 13:31
Operator : SJ/UM
Sample : H1043-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4N(0-10)

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

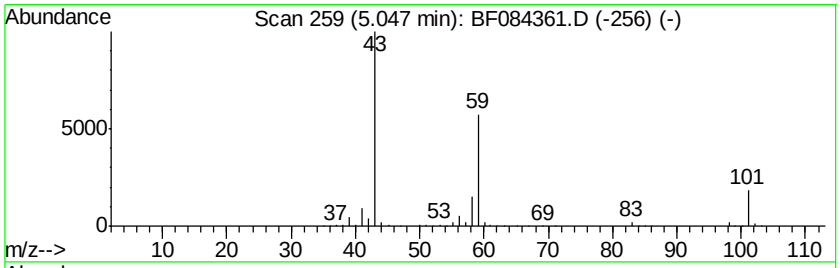
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

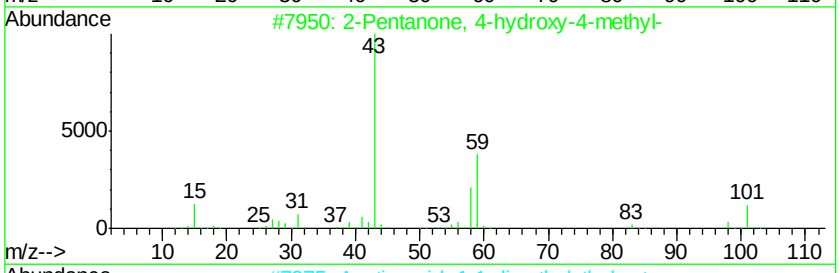
****

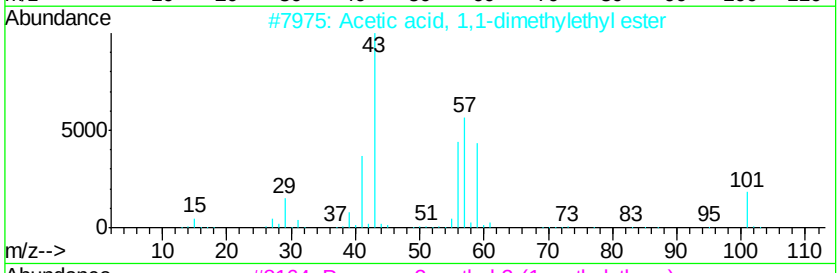
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

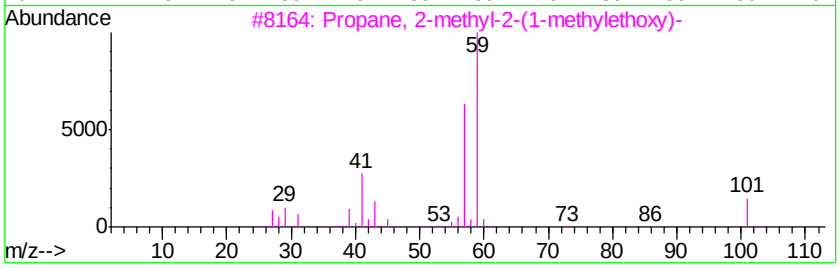
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	23.97 ng	2071460	1,4-Dichlorobenzene-d4	6.85

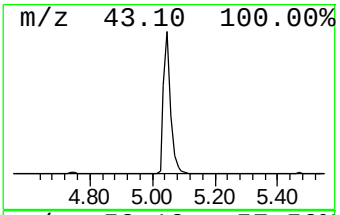
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25

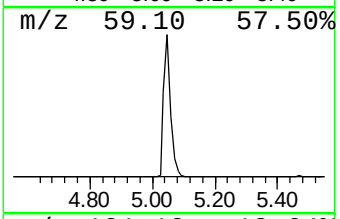


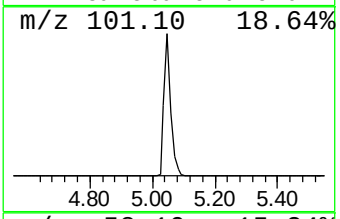


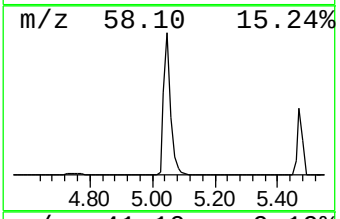


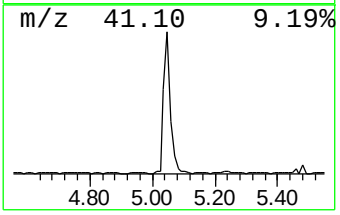












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Misc :
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Instrument : BNA_F
ClientSampleId : SB-4N(0-10)

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

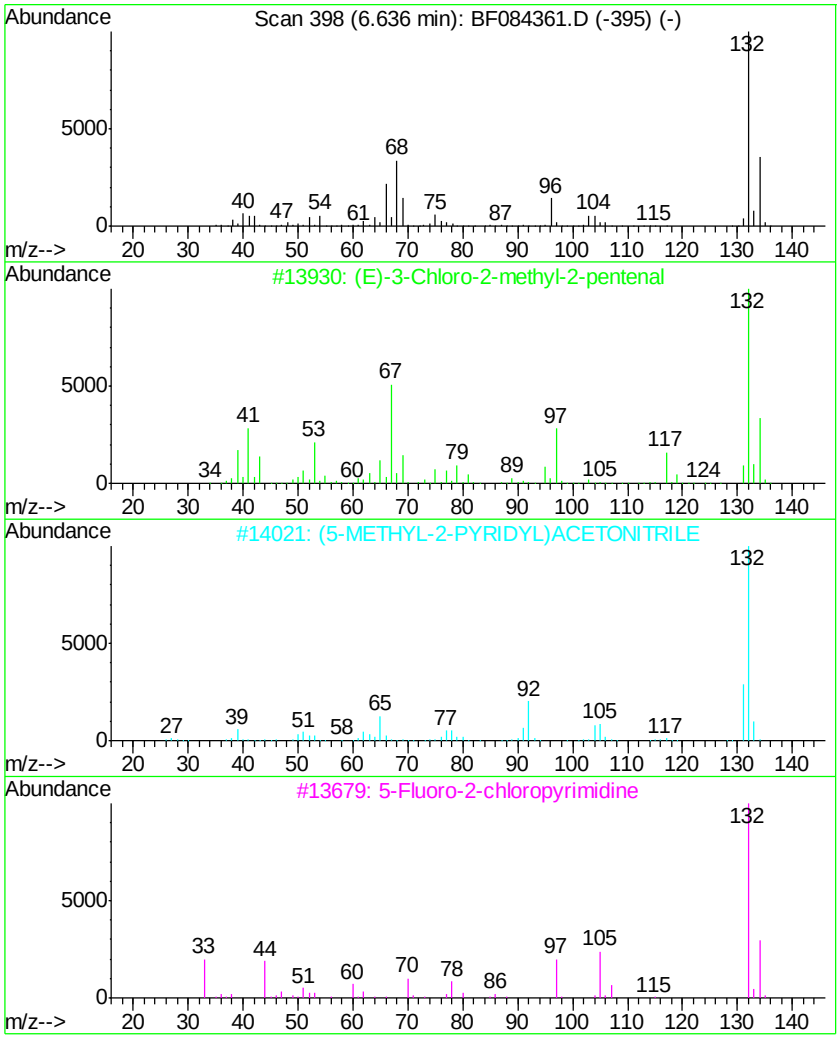
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

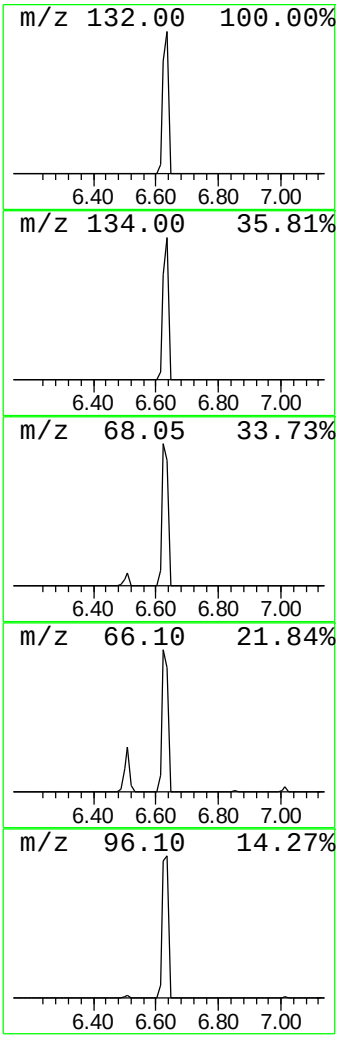
****

Peak Number 2 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	88.54 ng	7651000	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	9
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Instrument : BNA_F
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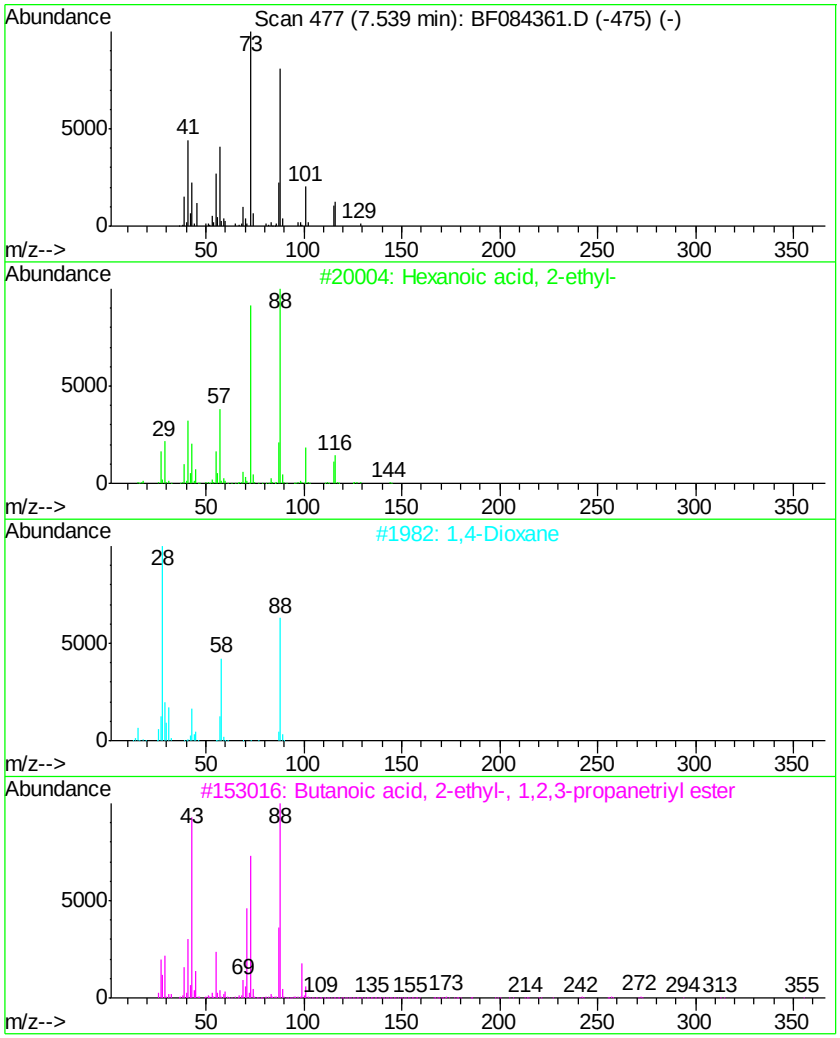
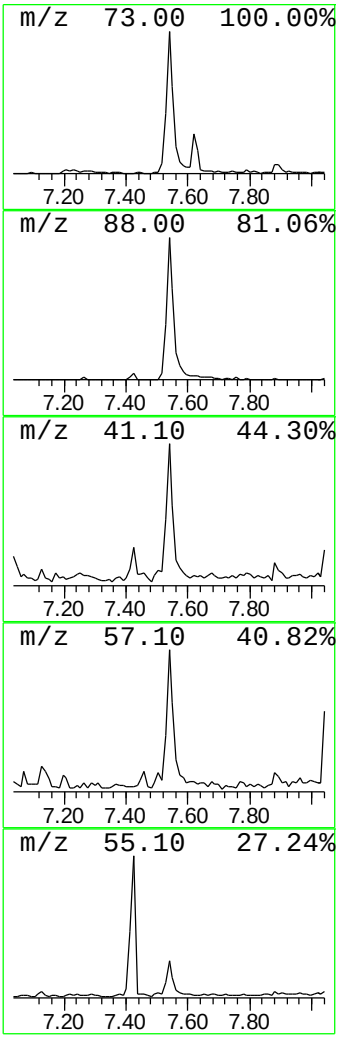
****

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	2.60 ng	292172	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	1,4-Dioxane	88	C4H8O2	000123-91-1	43
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	42
4	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	40
5	Octanoic acid, 2-methyl-, methyl...	172	C10H20O2	002177-86-8	38





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Sample : H1043-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4N(0-10)

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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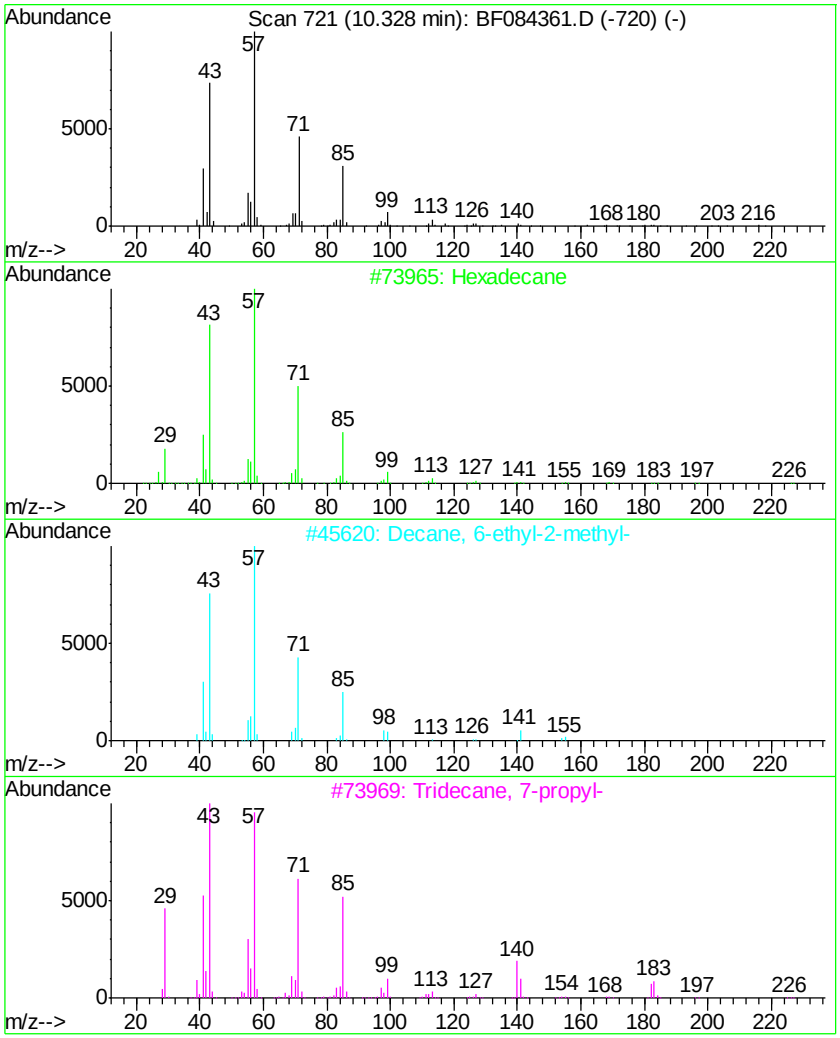
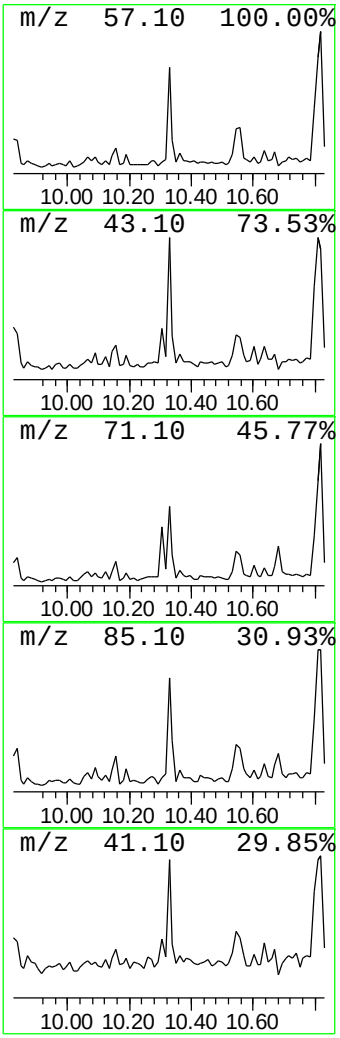
Peak Number 5 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	3.42 ng	409427	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	90
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	80
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	59





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Data File : BF084361.D
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Operator : SJ/UM
Sample : H1043-08
Misc :
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Instrument : BNA_F
ClientSampleId : SB-4N(0-10)

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

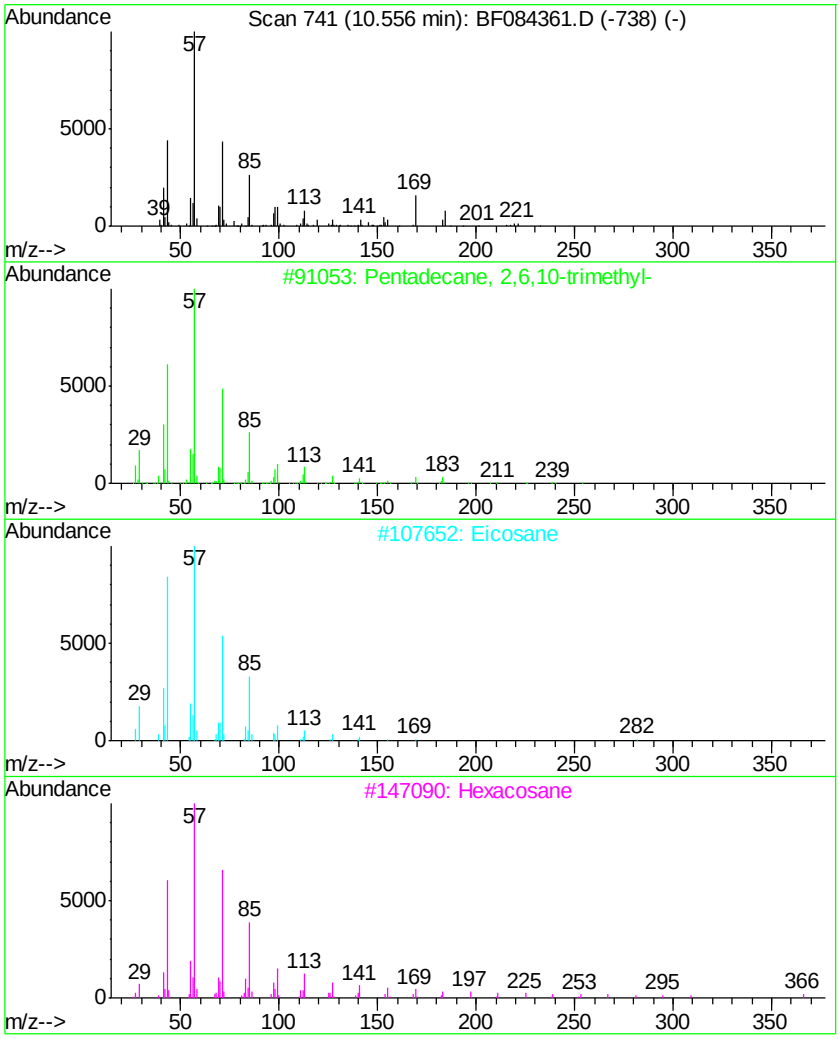
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

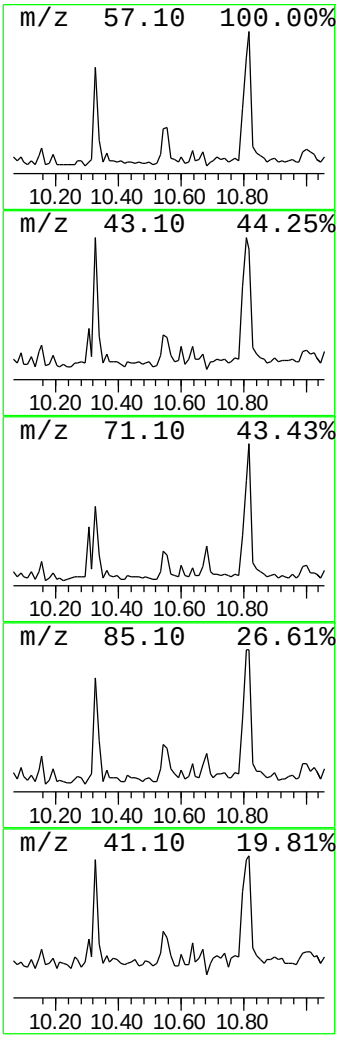
****

Peak Number 6 Pentadecane, 2,6,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	2.11 ng	252037	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
2	Eicosane	282	C20H42	000112-95-8	64
3	Hexacosane	366	C26H54	000630-01-3	58
4	Octacosane	394	C28H58	000630-02-4	58
5	Hexadecane	226	C16H34	000544-76-3	58





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Data File : BF084361.D
Acq On : 10 Jan 2016 13:31
Operator : SJ/UM
Sample : H1043-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4N(0-10)

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

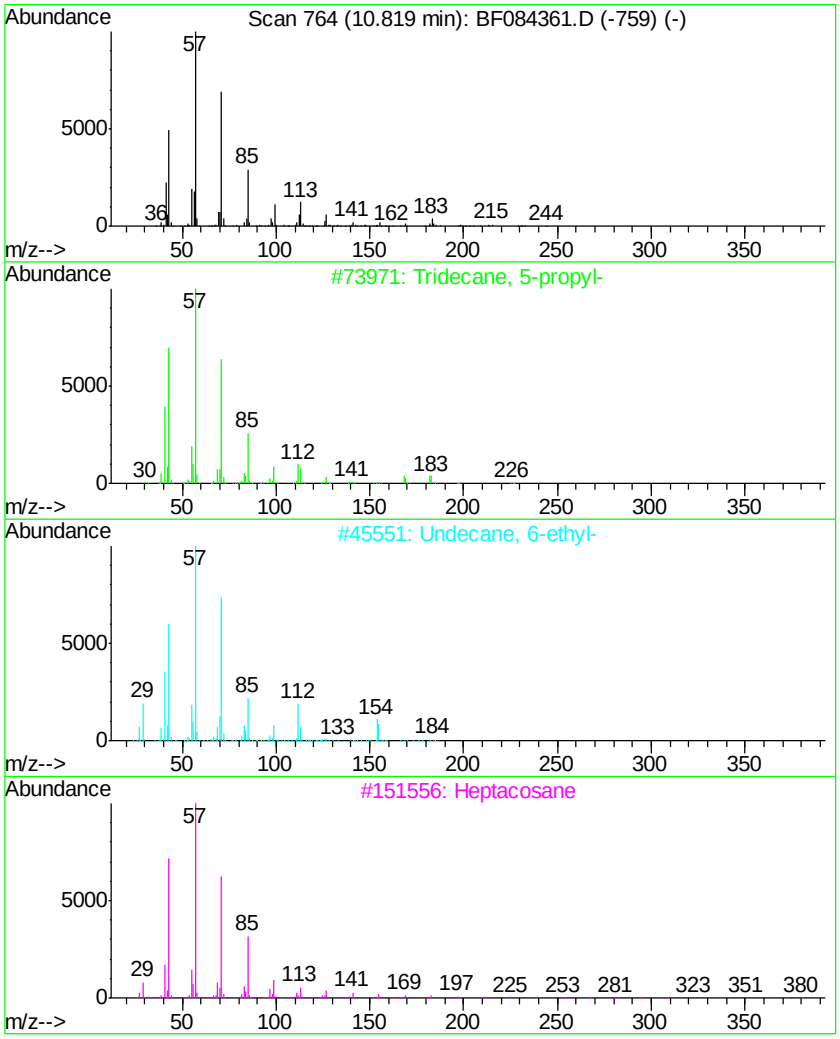
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

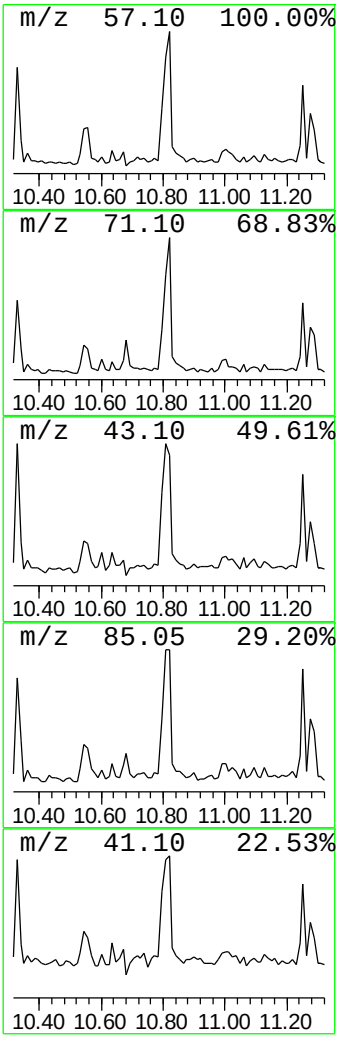
****

Peak Number 7 Tridecane, 5-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	9.95 ng	1134770	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
2	Undecane, 6-ethyl-	184	C13H28	017312-60-6	83
3	Heptacosane	380	C27H56	000593-49-7	80
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	72





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Instrument : BNA_F
ClientSampleId : SB-4N(0-10)

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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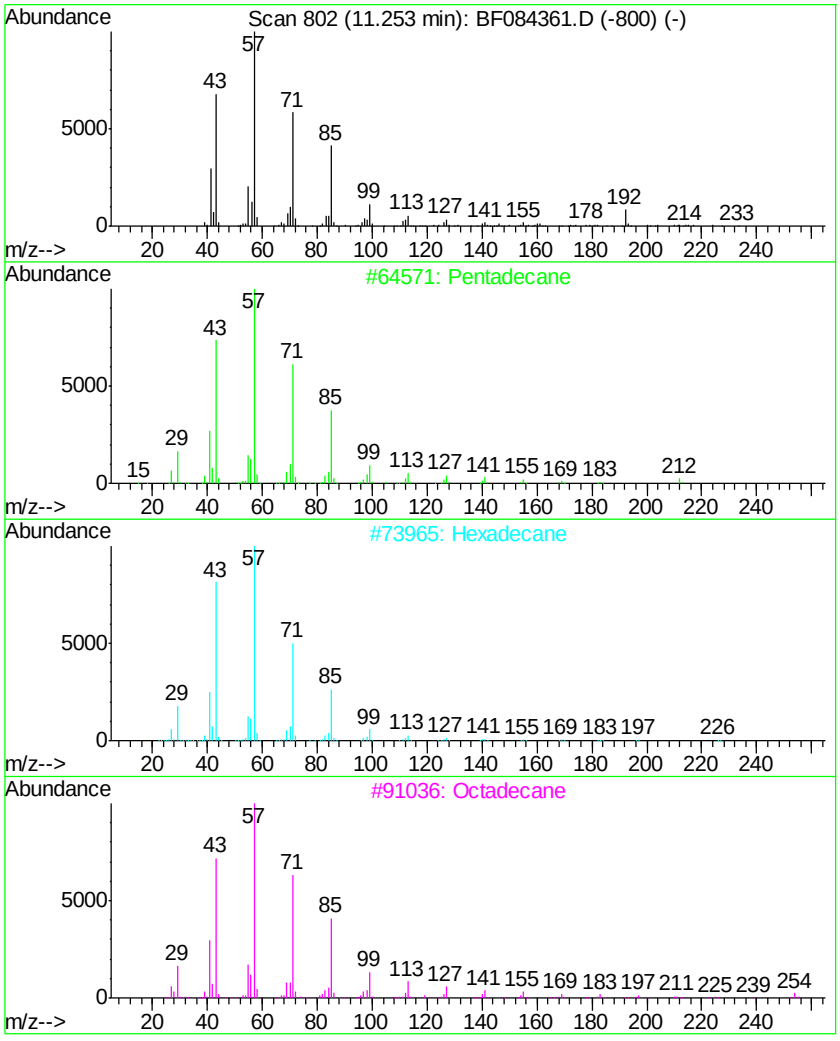
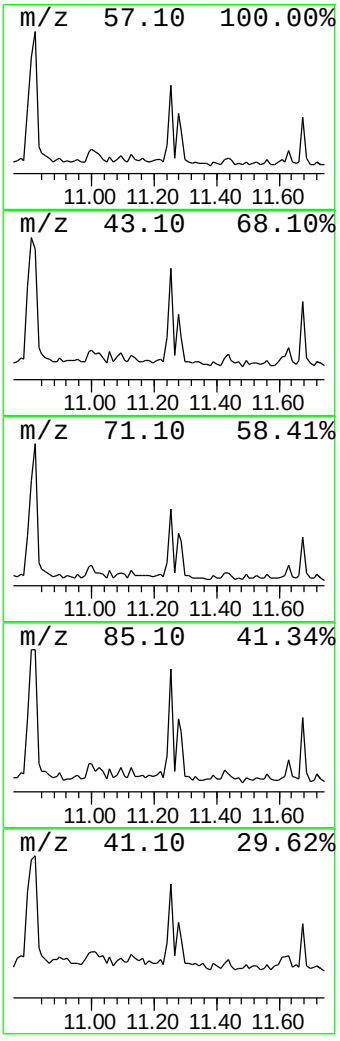
Peak Number 8 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	3.08 ng	350639	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Hexadecane	226	C16H34	000544-76-3	90
3	Octadecane	254	C18H38	000593-45-3	86
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084361.D
Acq On : 10 Jan 2016 13:31
Operator : SJ/UM
Sample : H1043-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4N(0-10)

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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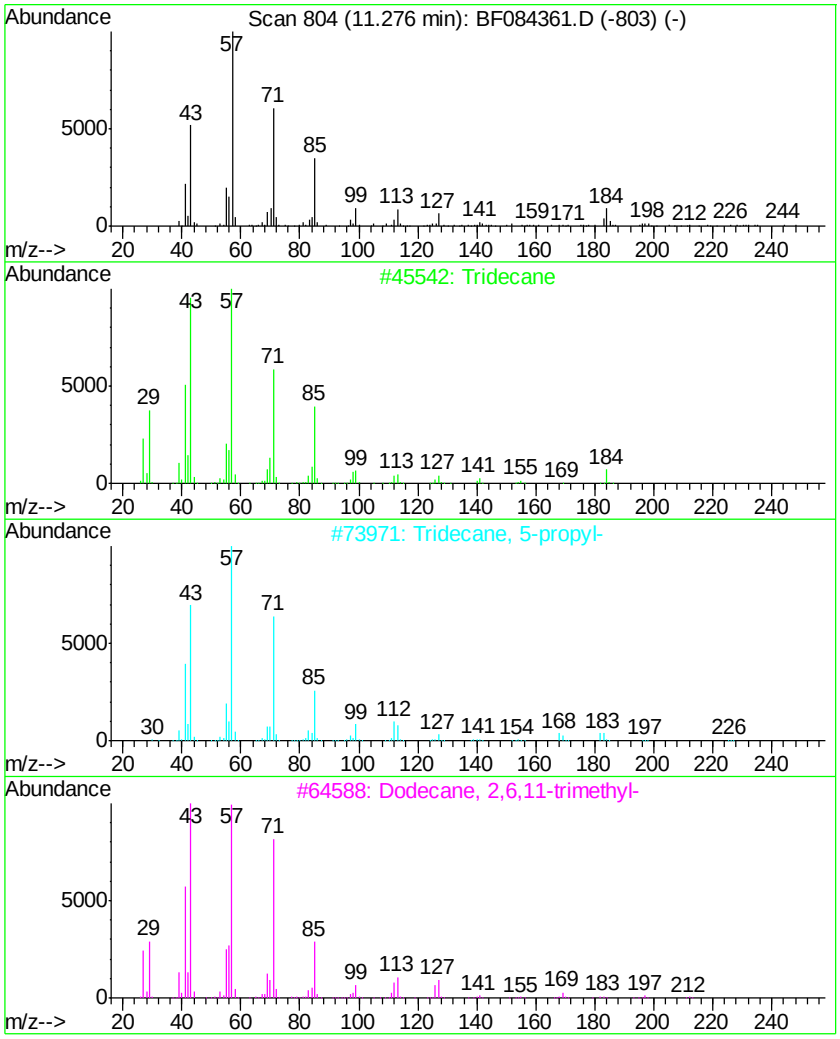
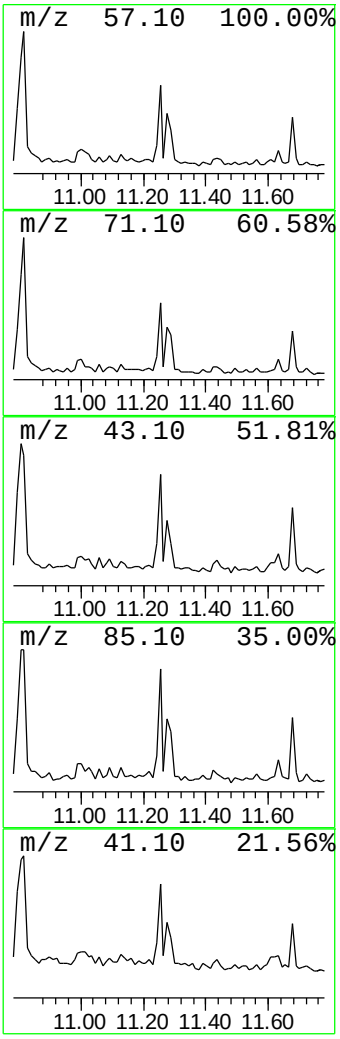
Peak Number 9 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	2.78 ng	316774	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	64
5	Hexadecane	226	C16H34	000544-76-3	59





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Acq On : 10 Jan 2016 13:31
Operator : SJ/UM
Sample : H1043-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4N(0-10)

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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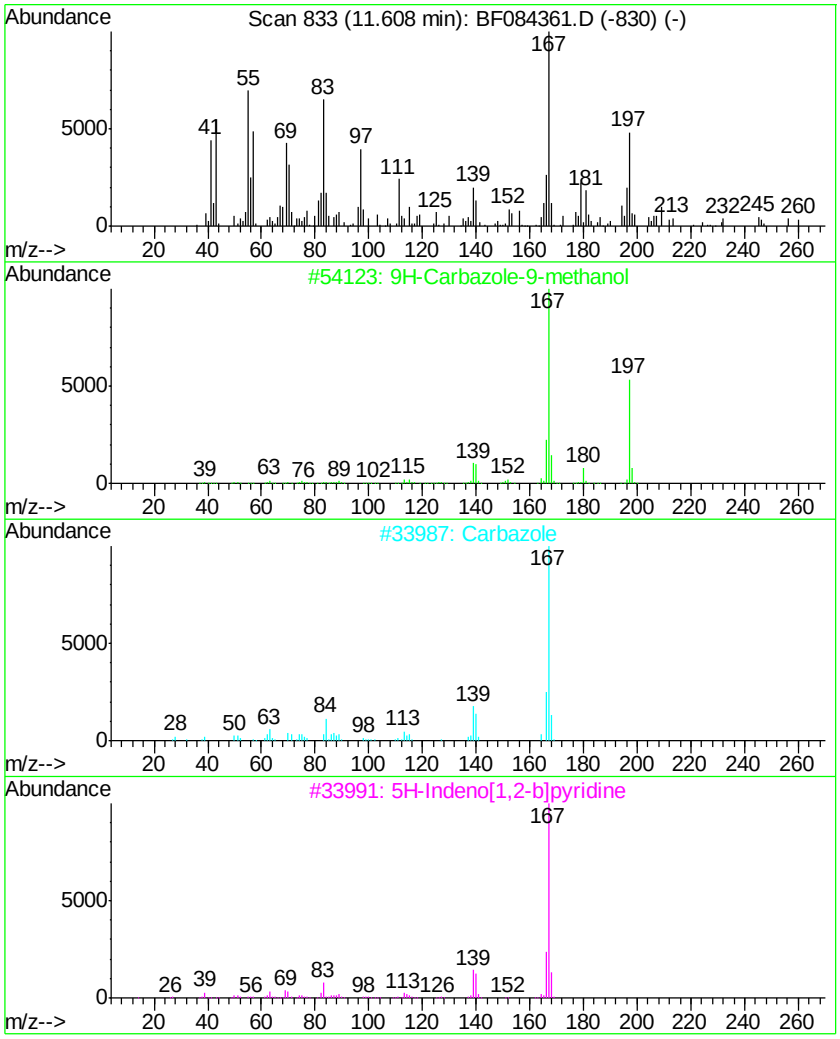
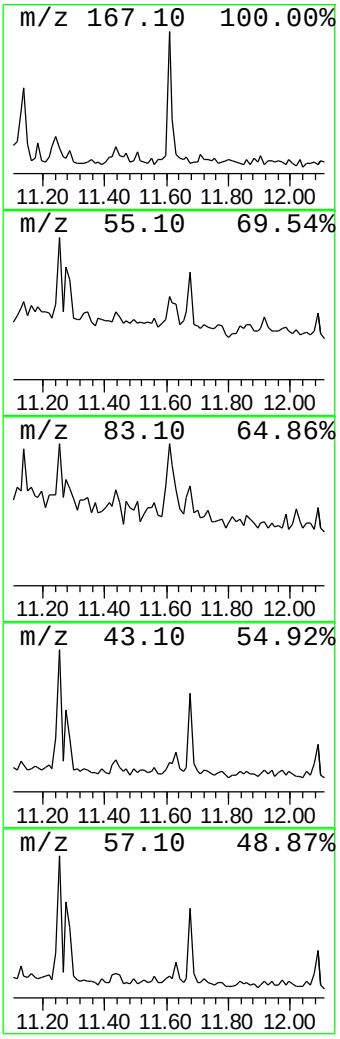
Peak Number 10 unknown11.61 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	2.16 ng	246195	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	41
2	Carbazole	167	C12H9N	000086-74-8	38
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	38
4	Cyclododecane, ethyl-	196	C14H28	028981-49-9	30
5	Cyclotetradecane	196	C14H28	000295-17-0	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084361.D
Acq On : 10 Jan 2016 13:31
Operator : SJ/UM
Sample : H1043-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4N(0-10)

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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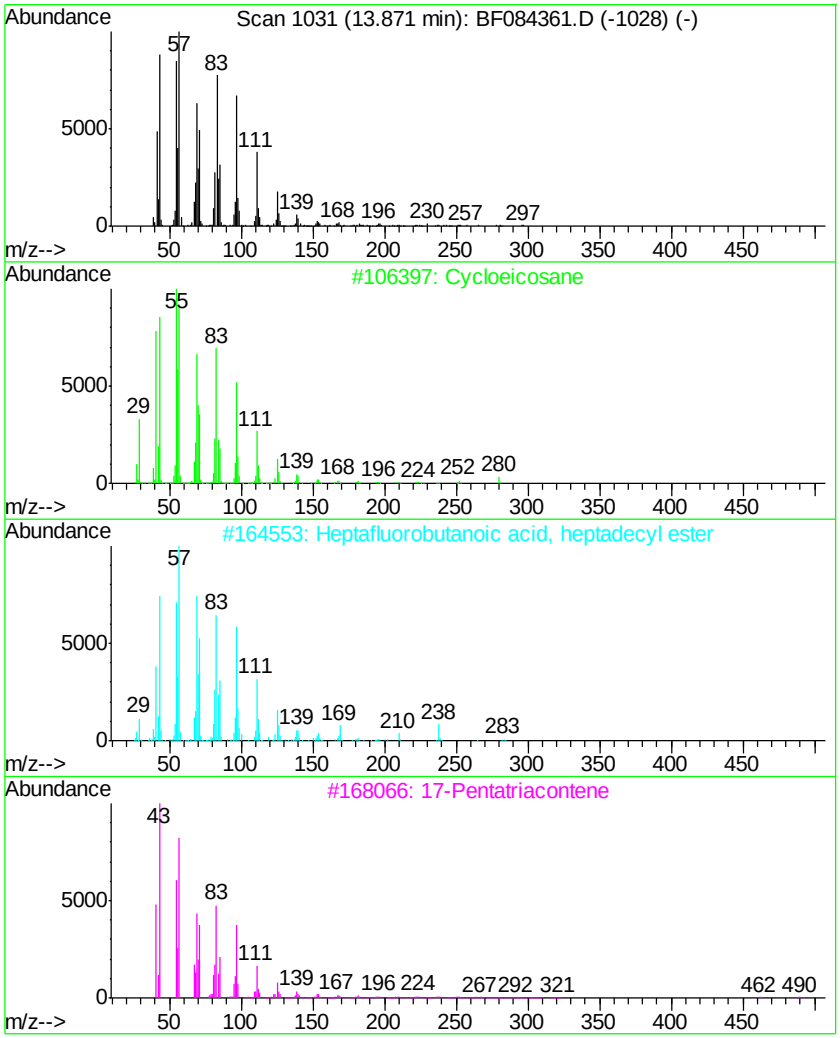
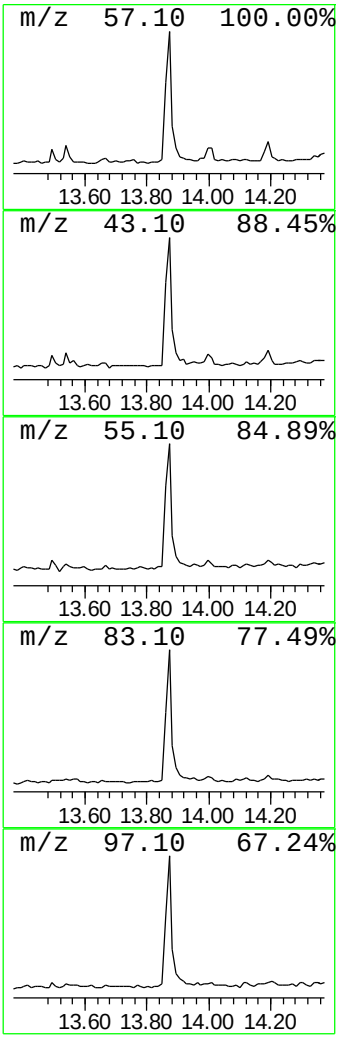
Peak Number 11 Cycloeicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	10.16 ng	951146	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	94
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	1-Docosene	308	C22H44	001599-67-3	90
5	1-Octadecanol	270	C18H38O	000112-92-5	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011016\
Data File : BF084361.D
Acq On : 10 Jan 2016 13:31
Operator : SJ/UM
Sample : H1043-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4N(0-10)

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...	5.05	24.0	ng	2071460	1	6.85	1728210	20.0
unknown6.64	6.64	88.5	ng	7651000	1	6.85	1728210	20.0
Hexanoic acid, 2-...	7.54	2.6	ng	292172	2	8.14	2247470	20.0
Hexadecane	10.33	3.4	ng	409427	3	9.89	2393730	20.0
Pentadecane, 2,6,...	10.56	2.1	ng	252037	3	9.89	2393730	20.0
Tridecane, 5-propyl-	10.82	9.9	ng	1134770	4	11.38	2280180	20.0
Pentadecane	11.25	3.1	ng	350639	4	11.38	2280180	20.0
Tridecane	11.28	2.8	ng	316774	4	11.38	2280180	20.0
unknown11.61	11.61	2.2	ng	246195	4	11.38	2280180	20.0
Cycloeicosane	13.87	10.2	ng	951146	5	14.02	1871630	20.0