LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086391.D
Acq On : 23 Apr 2016 15:33
Operator : UM/SJ
Sample : H2640-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B14(0-11)-C

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-BF042216.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	3.767	143	147	150	rBV	42383	76789	1.38%	0.149%
2	5.024	254	257	266	rBV	729988	1128738	20.34%	2.197%
3	5.447	290	294	296	rBV	3574956	5300503	95.51%	10.315%
4	5.847	327	329	332	rBV	82176	90898	1.64%	0.177%
5	6.476	381	384	387	rBV	3353312	5210287	93.88%	10.140%
6	6.613	393	396	398	rBV	5038072	5310082	95.68%	10.334%
7	6.842	414	416	427	rBV	1288738	1251149	22.54%	2.435%
8	7.002	427	430	432	rBV	4218332	4271628	76.97%	8.313%
9	7.253	449	452	460	rVB5	27529	59279	1.07%	0.115%
10	7.413	463	466	468	rVV	2458620	3446869	62.11%	6.708%
11	7.504	471	474	481	rVB	104087	220208	3.97%	0.429%
12	7.859	502	505	510	rBV3	22405	58672	1.06%	0.114%
13	8.122	526	528	537	rBV	1267186	1596909	28.77%	3.108%
14	9.207	620	623	625	rBV	4766193	5549811	100.00%	10.800%
15	9.287	628	630	634	rVB4	63483	131633	2.37%	0.256%
16	9.539	649	652	655	rBV2	47103	87878	1.58%	0.171%
17	9.596	655	657	659	rBV	932860	821076	14.79%	1.598%
18	9.813	675	676	679	rBV	117271	91273	1.64%	0.178%
19	9.870	679	681	683	rBV	1000291	1415438	25.50%	2.755%
20	9.905	683	684	686	rVB	79376	81501	1.47%	0.159%
21	10.076	698	699	702	rBV	76740	91504	1.65%	0.178%
22	10.282	715	717	718	rBV	64523	81387	1.47%	0.158%
23	10.316	718	720	721	rVB	174254	164591	2.97%	0.320%
24	10.419	728	729	732	rVB	73423	83676	1.51%	0.163%
25	10.533	736	739	742	rBV2	97922	153321	2.76%	0.298%
26	10.659	748	750	753	rBV2	1952294	2511257	45.25%	4.887%
27	10.785	759	761	765	rVB	284027	369625	6.66%	0.719%
28	10.979	775	778	780	rBV3	32468	73464	1.32%	0.143%
29	11.231	798	800	801	rBV	185985	152761	2.75%	0.297%
30	11.265	801	803	806	rVB2	117278	159606	2.88%	0.311%
31	11.356	809	811	815	rBV2	1132636	1727763	31.13%	3.362%
32	11.425	815	817	823	rVB3	95059	228261	4.11%	0.444%
33	11.608	831	833	835	rVB3	37824	56059	1.01%	0.109%
34	11.653	835	837	844	rVB2	95952	159856	2.88%	0.311%

LSC Area Percent Report

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Data File : BF086391.D
Acq On : 23 Apr 2016 15:33
Operator : UM/SJ
Sample : H2640-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B14(0-11)-C

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-BF042216.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.859	853	855	856	rBV	75629	81982	1.48%	0.160%
36	11.882	856	857	859	rVV	72347	92443	1.67%	0.180%
37	11.962	862	864	869	rVB2	78928	185348	3.34%	0.361%
38	12.065	871	873	874	rVV	110041	88583	1.60%	0.172%
39	12.145	878	880	885	rVV3	54091	160668	2.90%	0.313%
40	12.408	902	903	904	rBV	90152	88782	1.60%	0.173%
41	12.454	905	907	909	rVB3	136601	166203	2.99%	0.323%
42	12.568	915	917	919	rBV	685680	662129	11.93%	1.289%
43	12.796	934	937	938	rBV	502715	643751	11.60%	1.253%
44	12.945	948	950	954	rBV	3335232	3644980	65.68%	7.093%
45	13.185	968	971	973	rBV2	153748	250085	4.51%	0.487%
46	13.516	998	1000	1002	rBV	158092	252239	4.55%	0.491%
47	13.848	1027	1029	1034	rVB4	206083	307938	5.55%	0.599%
48	13.985	1039	1041	1048	rBV2	775129	1766805	31.84%	3.438%
49	14.168	1055	1057	1058	rBV	201750	210024	3.78%	0.409%
50	15.414	1164	1166	1168	rBV	402254	569102	10.25%	1.108%

Sum of corrected areas: 51384814

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
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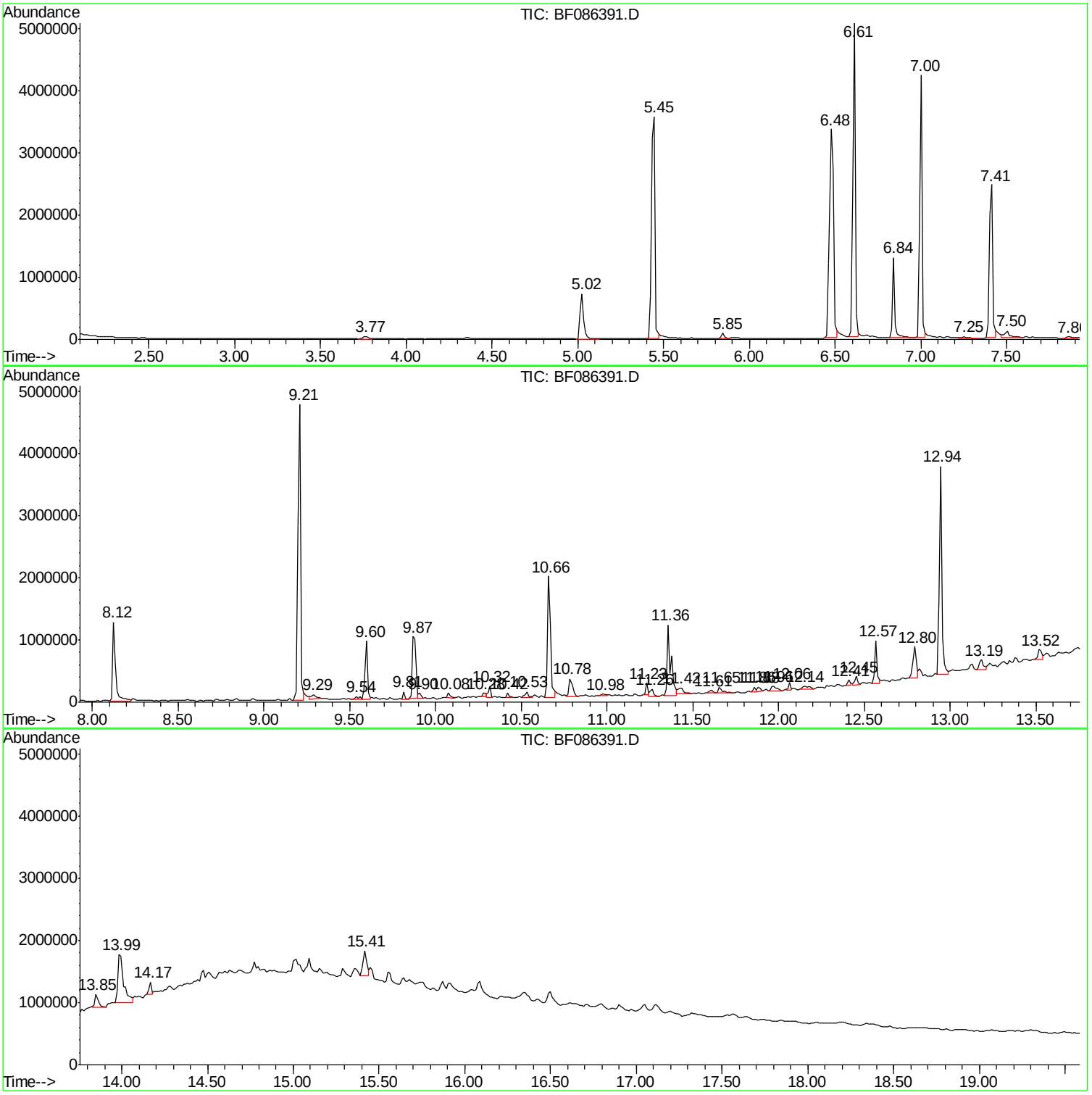
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WPG-B14(0-11)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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\BF042216\
Data File : BF086391.D
Acq On : 23 Apr 2016 15:33
Operator : UM/SJ
Sample : H2640-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B14(0-11)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

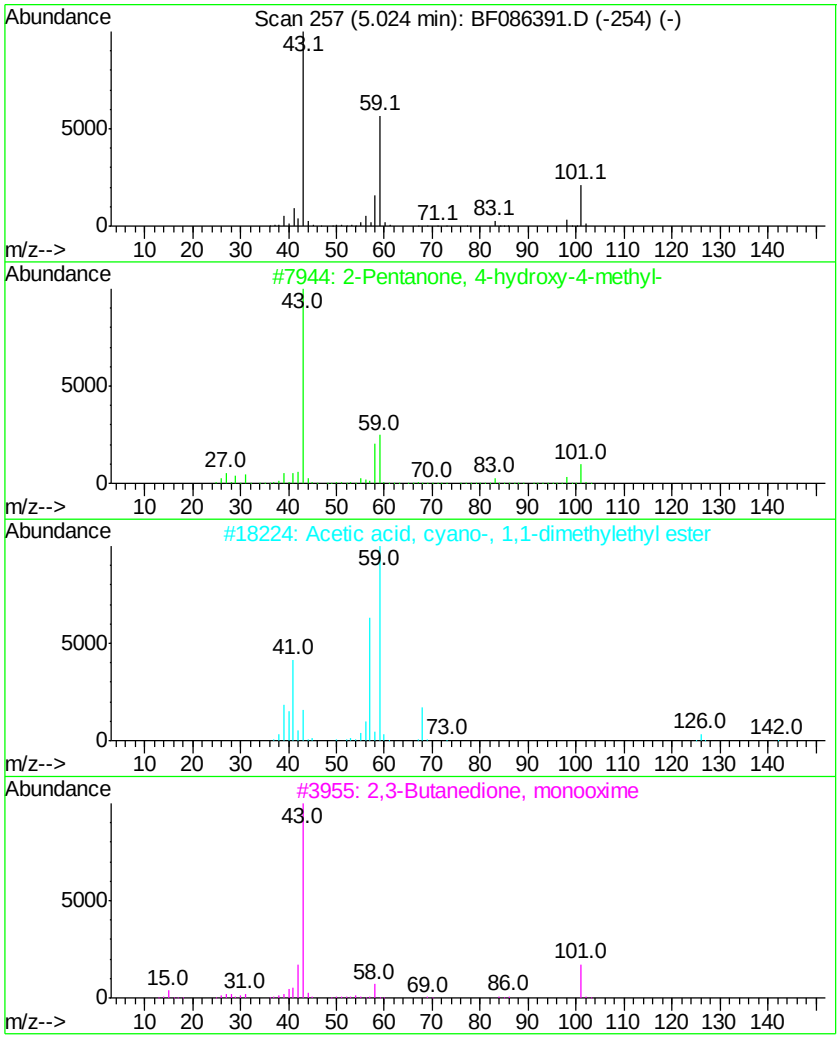
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

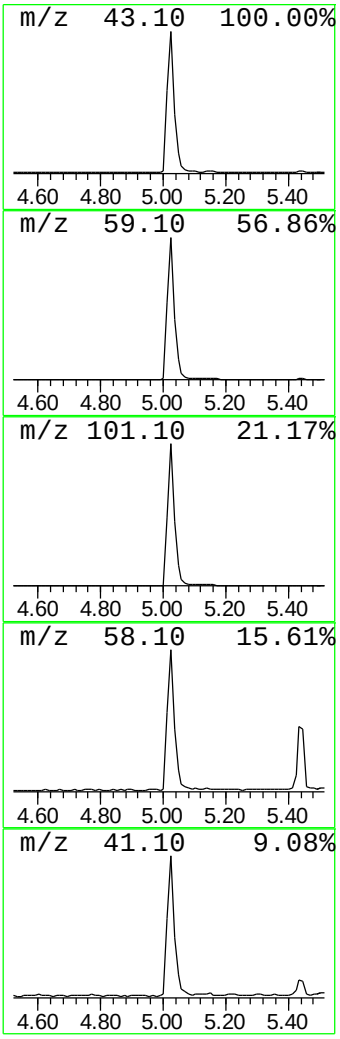
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	18.04 ng	1128740	1,4-Dichlorobenzene-d4	6.84

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086391.D
Acq On : 23 Apr 2016 15:33
Operator : UM/SJ
Sample : H2640-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B14(0-11)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

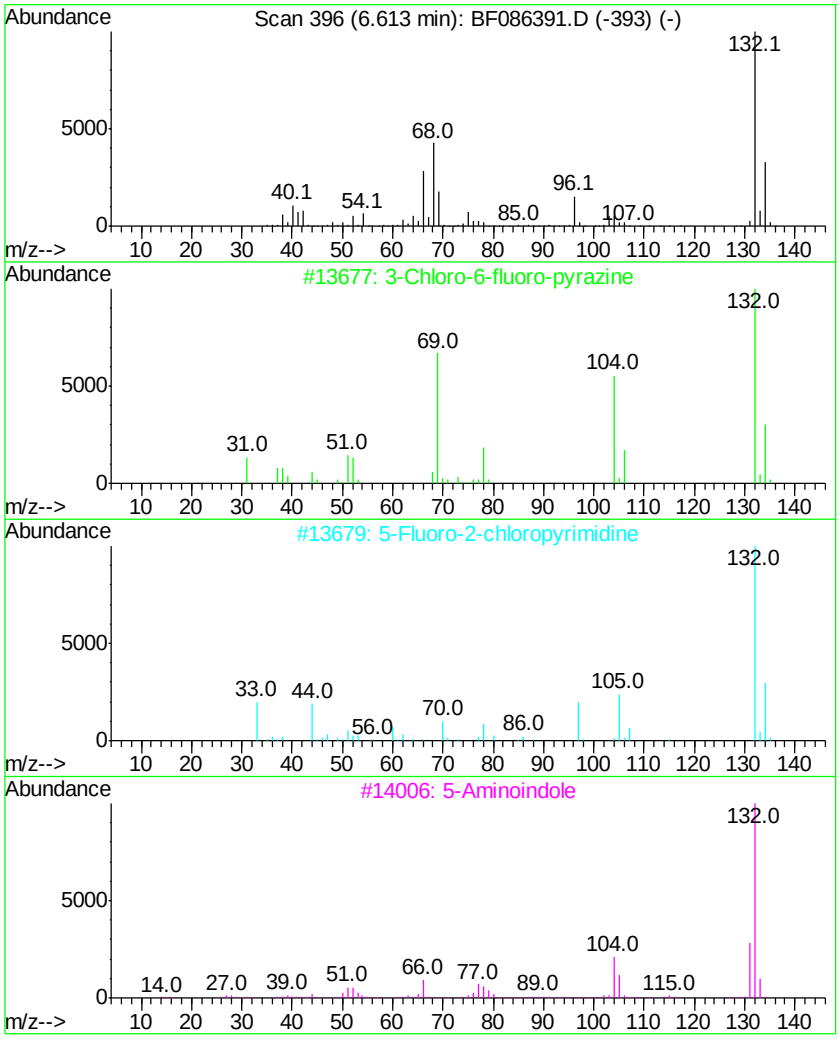
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

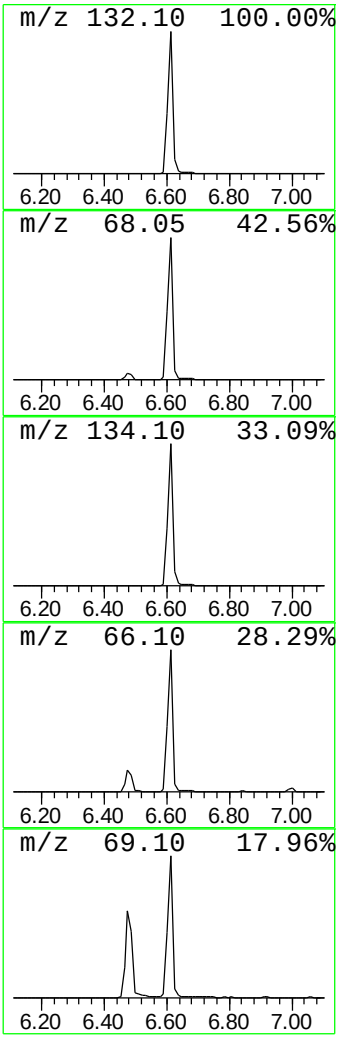
****

Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	84.88 ng	5310080	1,4-Dichlorobenzene-d4	6.84

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	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086391.D
Acq On : 23 Apr 2016 15:33
Operator : UM/SJ
Sample : H2640-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B14(0-11)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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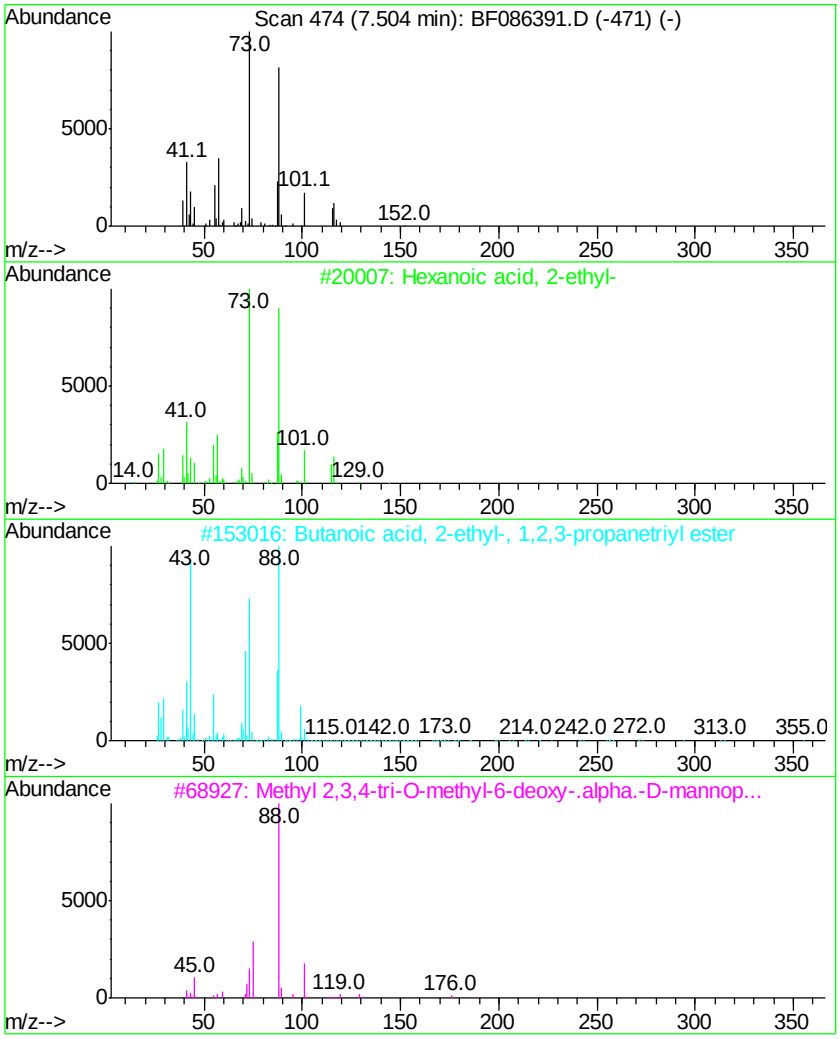
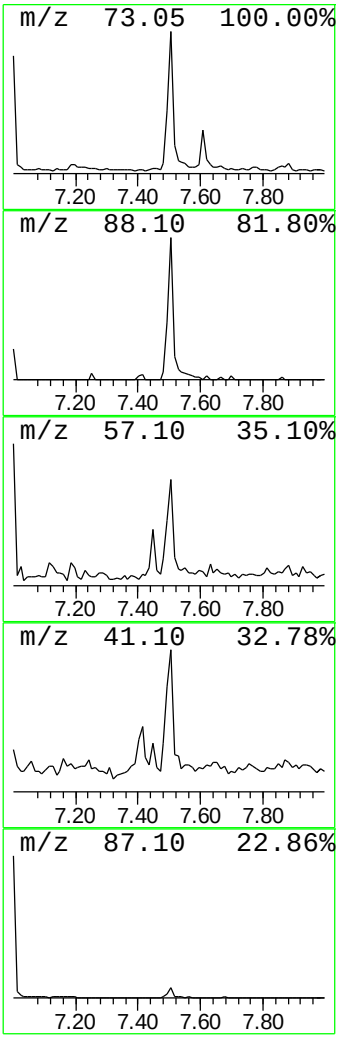
Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	2.76 ng	220208	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	83
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	59
3	Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	40
4	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	40
5	1,4-Dioxane	88	C4H8O2	000123-91-1	37





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086391.D
Acq On : 23 Apr 2016 15:33
Operator : UM/SJ
Sample : H2640-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B14(0-11)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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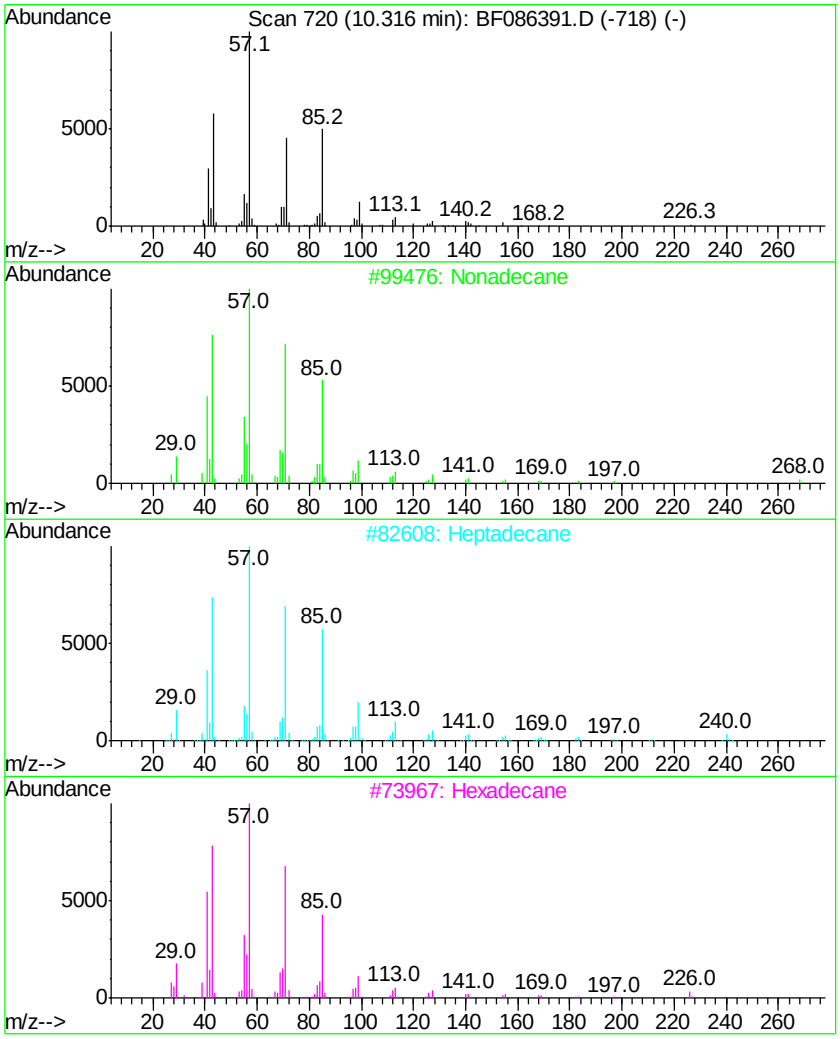
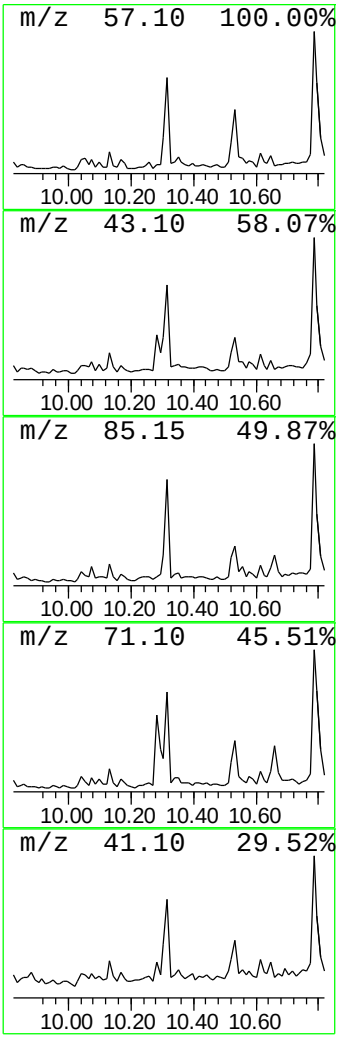
Peak Number 5 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	2.33 ng	164591	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	74
2	Heptadecane	240	C17H36	000629-78-7	72
3	Hexadecane	226	C16H34	000544-76-3	72
4	10-Methylnonadecane	282	C20H42	056862-62-5	72
5	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086391.D
Acq On : 23 Apr 2016 15:33
Operator : UM/SJ
Sample : H2640-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B14(0-11)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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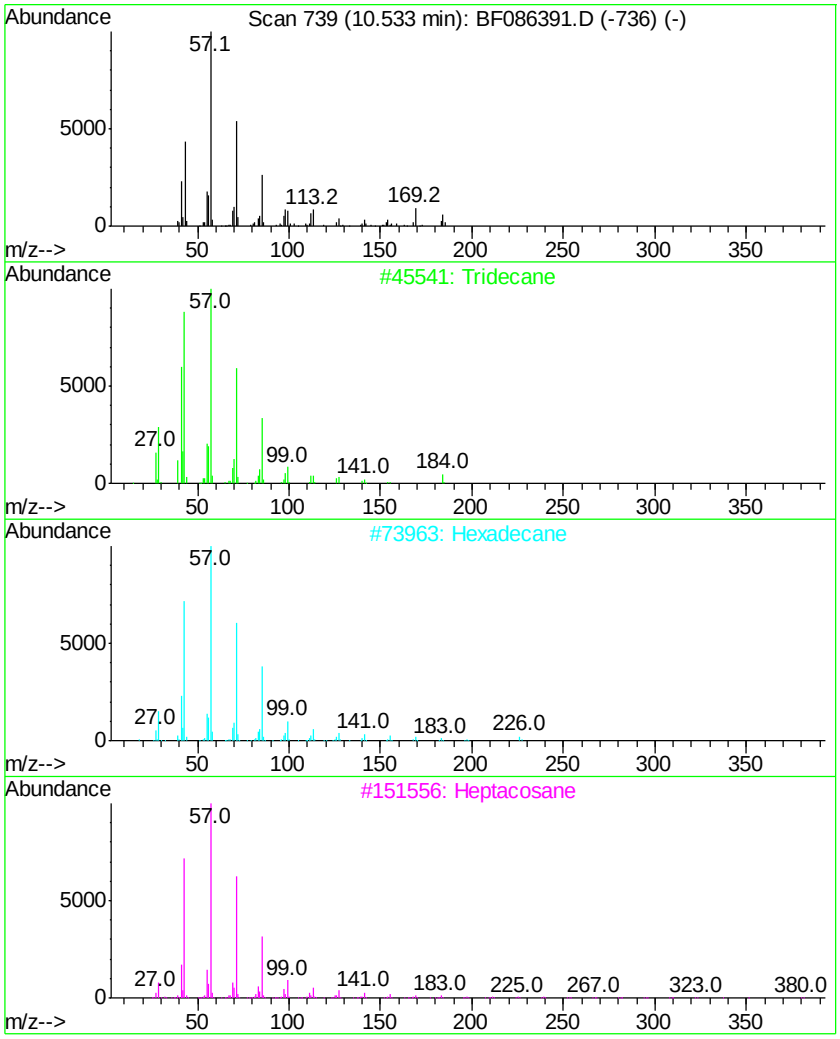
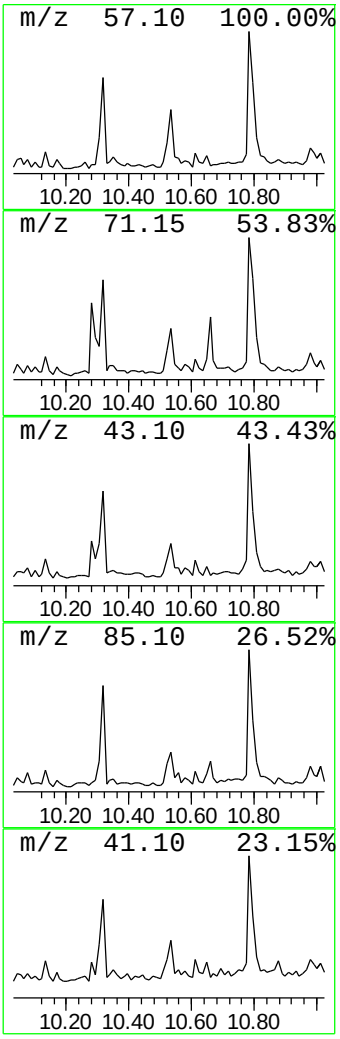
Peak Number 6 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	2.17 ng	153321	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Hexadecane	226	C16H34	000544-76-3	80
3	Heptacosane	380	C27H56	000593-49-7	80
4	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	72
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086391.D
Acq On : 23 Apr 2016 15:33
Operator : UM/SJ
Sample : H2640-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B14(0-11)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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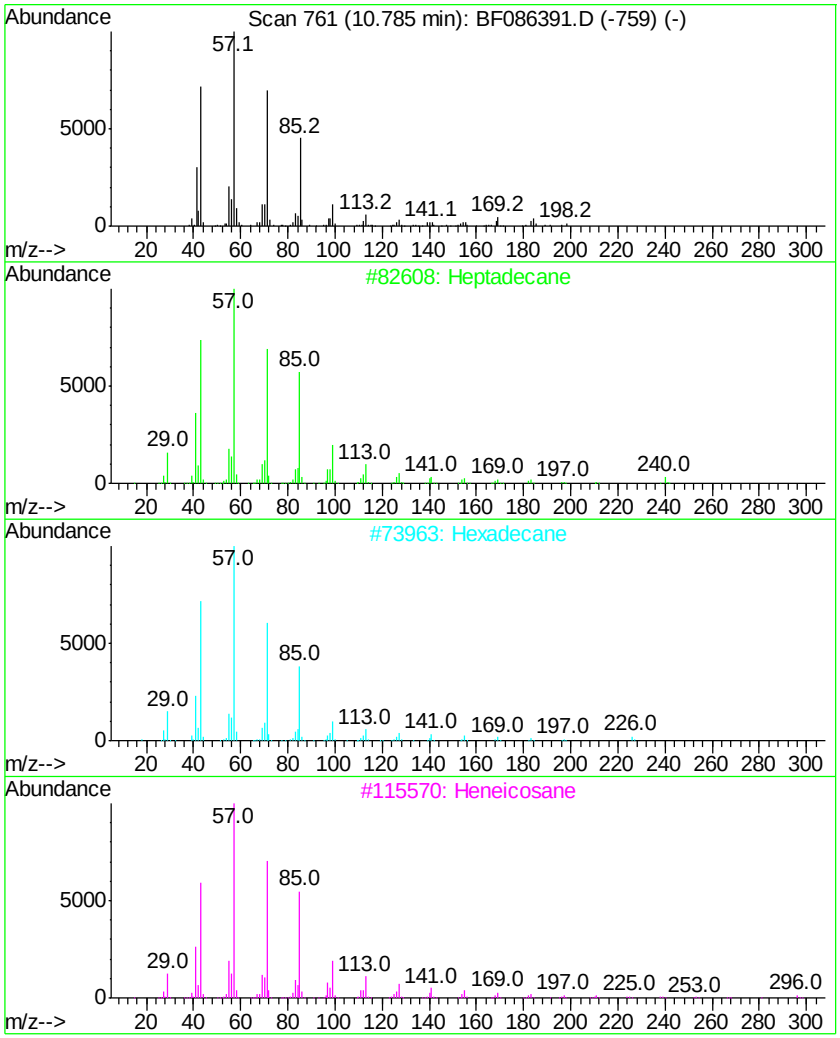
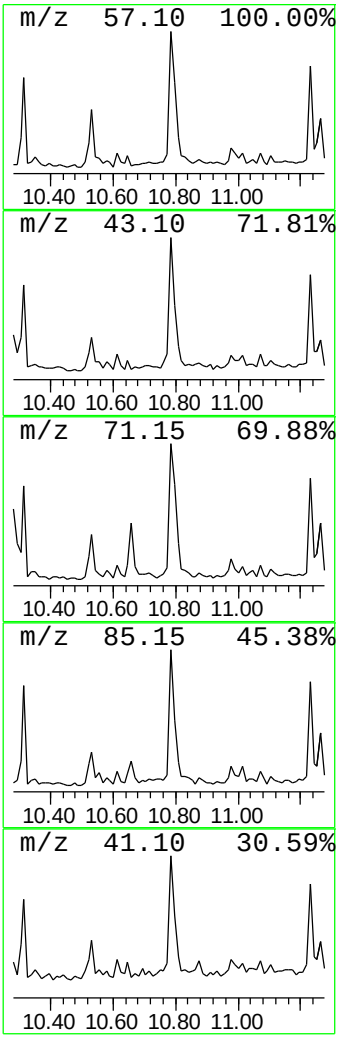
Peak Number 7 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	4.28 ng	369625	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	Hexadecane	226	C16H34	000544-76-3	86
3	Heneicosane	296	C21H44	000629-94-7	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086391.D
Acq On : 23 Apr 2016 15:33
Operator : UM/SJ
Sample : H2640-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B14(0-11)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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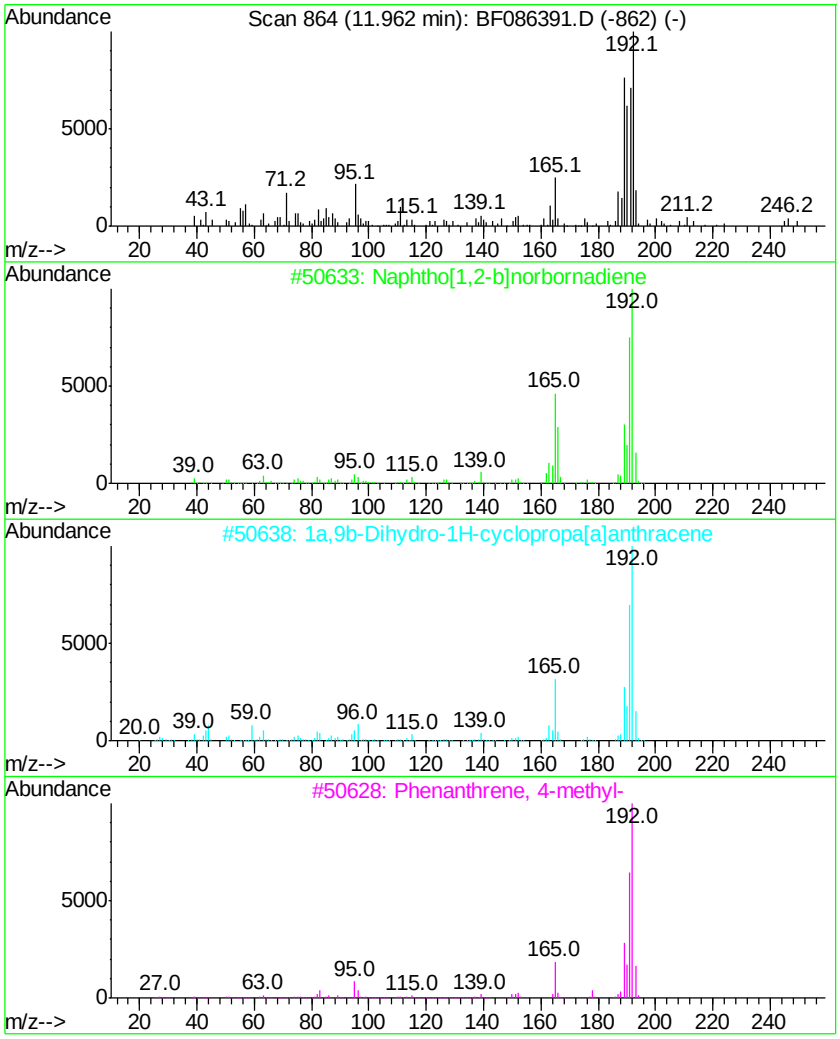
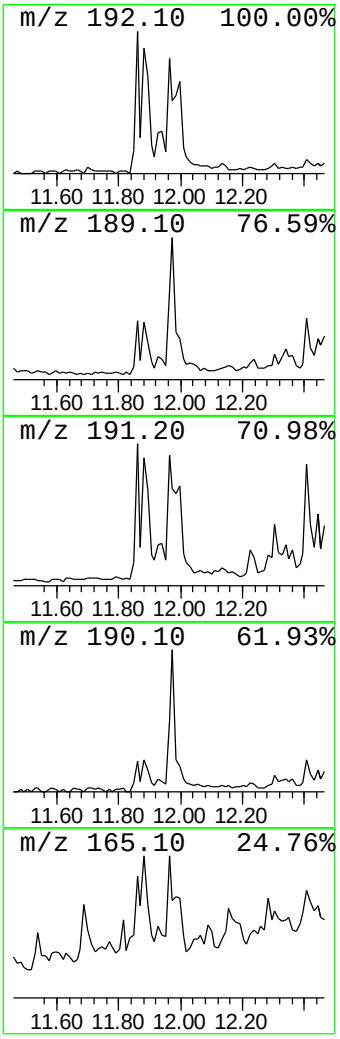
Peak Number 8 Naphtho[1,2-b]norbornadiene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.15 ng	185348	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	55
2	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	50
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	50
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	50
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086391.D
Acq On : 23 Apr 2016 15:33
Operator : UM/SJ
Sample : H2640-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B14(0-11)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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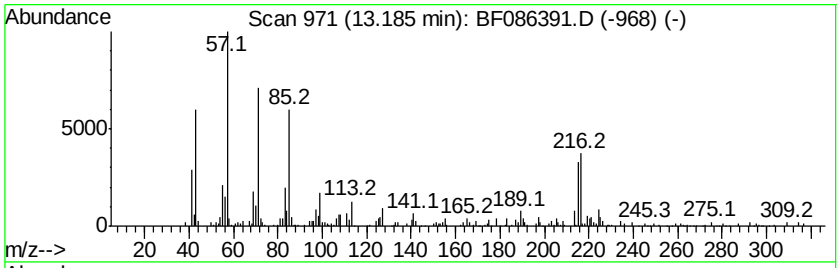
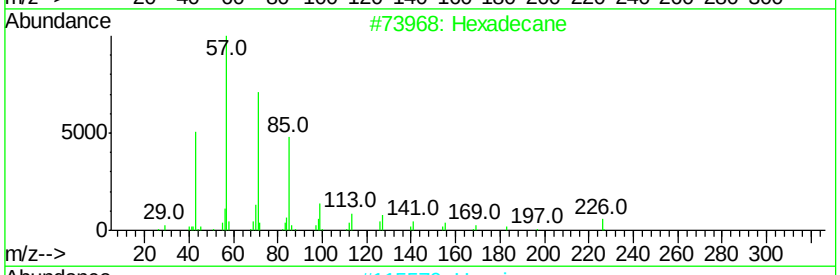
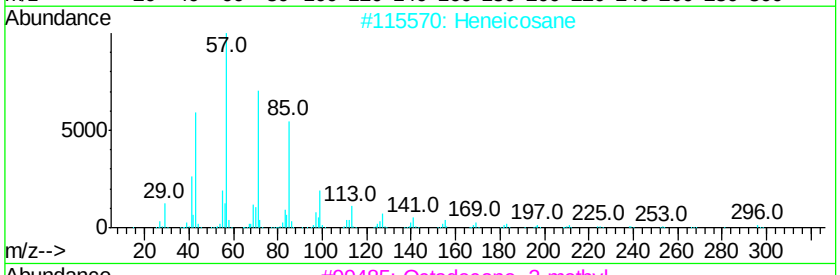
Peak Number 9 Hexadecane Concentration Rank 7

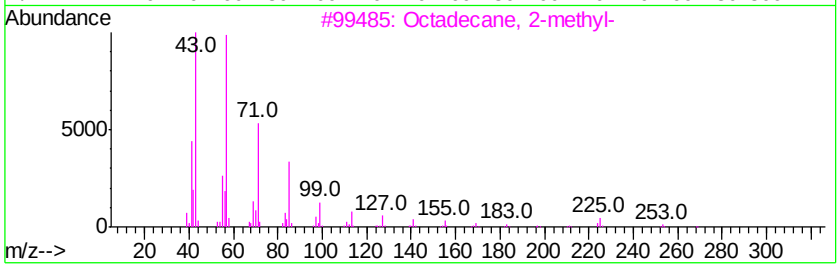
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	2.83 ng	250085	Chrysene-d12	14.00

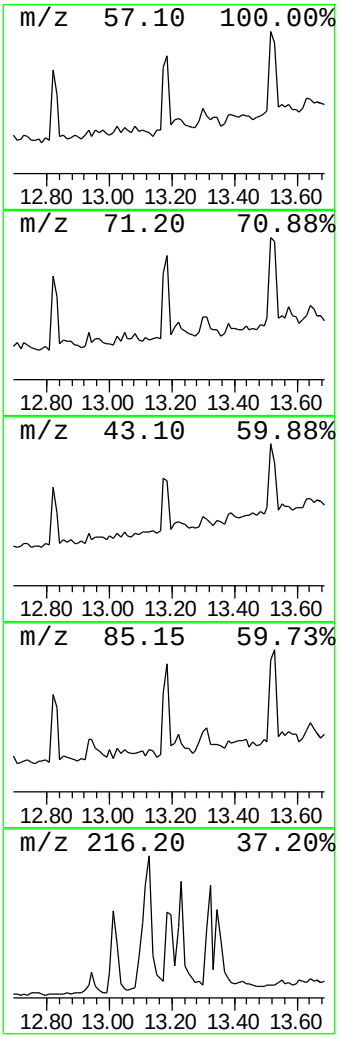
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Heneicosane	296	C21H44	000629-94-7	92
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	64
4	Eicosane	282	C20H42	000112-95-8	58
5	Nonacosane	408	C29H60	000630-03-5	58











Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086391.D
Acq On : 23 Apr 2016 15:33
Operator : UM/SJ
Sample : H2640-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B14(0-11)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

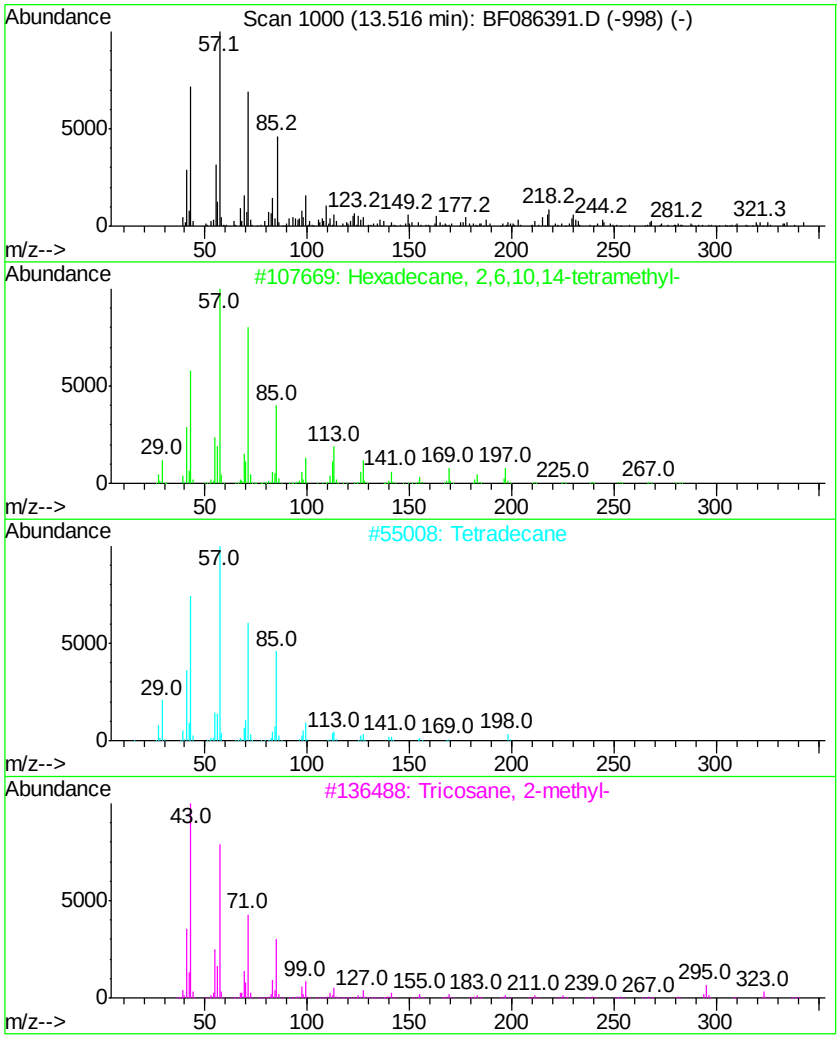
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

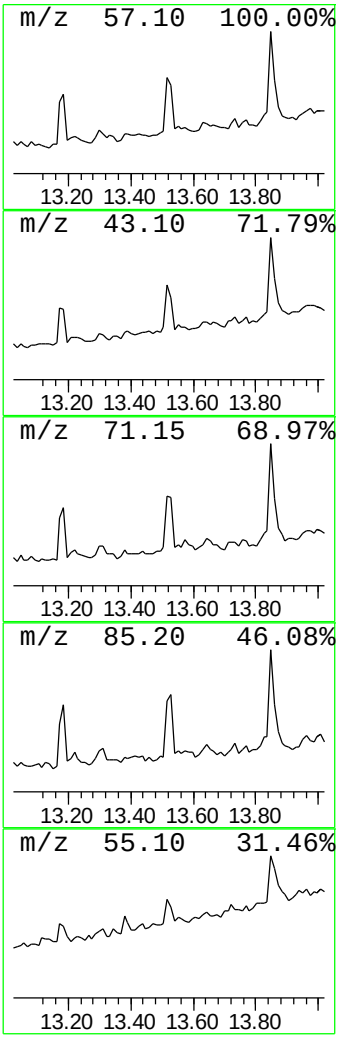
****

Peak Number 10 Hexadecane, 2,6,10,14-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	2.86 ng	252239	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	81
2	Tetradecane	198	C14H30	000629-59-4	81
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	74
4	Octacosane	394	C28H58	000630-02-4	74
5	Nonadecane	268	C19H40	000629-92-5	74





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086391.D
Acq On : 23 Apr 2016 15:33
Operator : UM/SJ
Sample : H2640-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B14(0-11)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

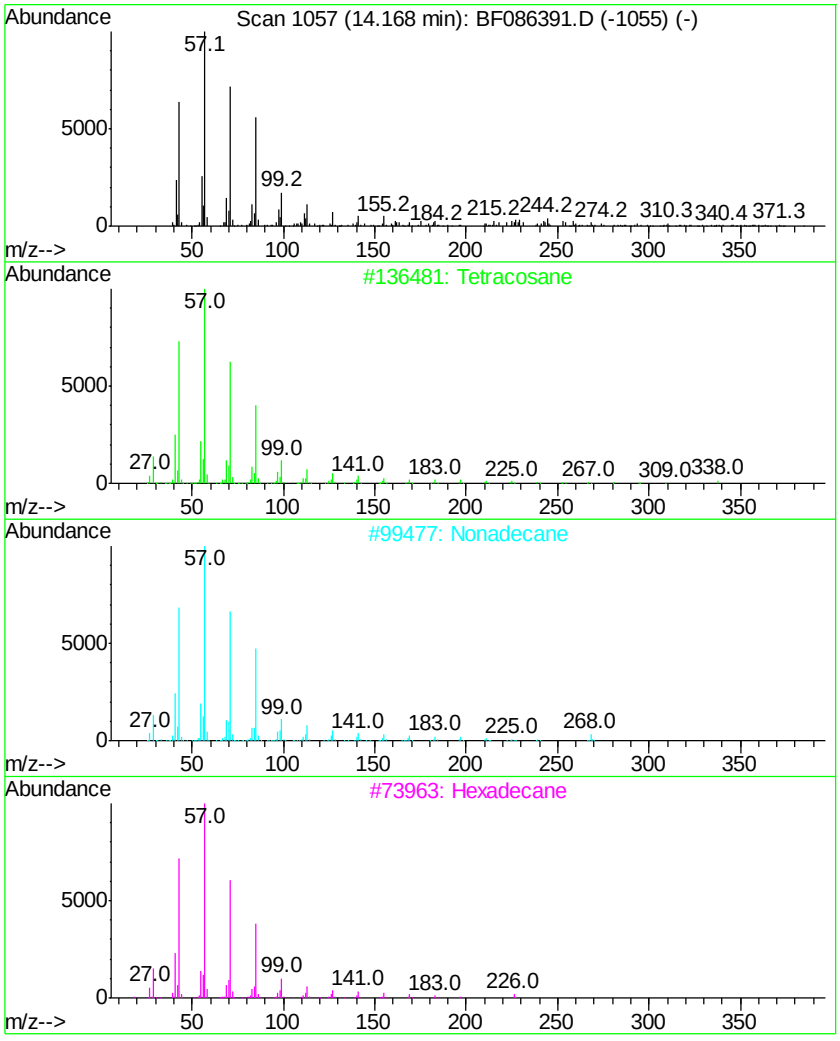
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

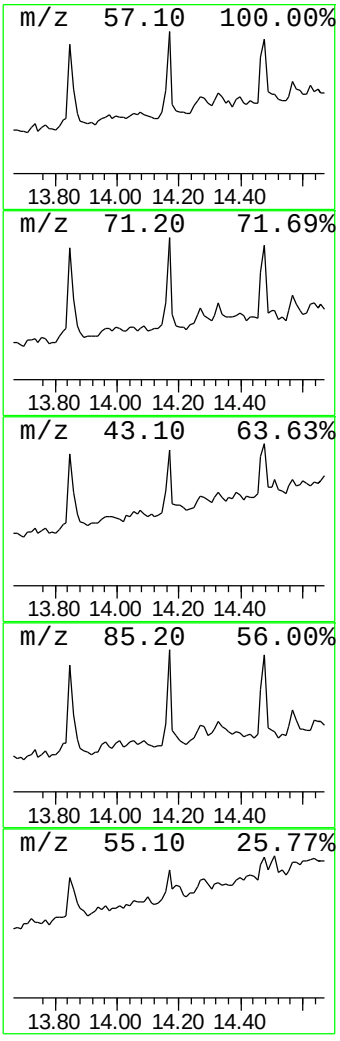
****

Peak Number 12 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	2.38 ng	210024	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Nonadecane	268	C19H40	000629-92-5	93
3	Hexadecane	226	C16H34	000544-76-3	91
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
5	Docosane, 9-butyl-	366	C26H54	055282-14-9	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086391.D
Acq On : 23 Apr 2016 15:33
Operator : UM/SJ
Sample : H2640-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B14(0-11)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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...	5.02	18.0	ng	1128740	1	6.84	1251150	20.0
unknown6.61	6.61	84.9	ng	5310080	1	6.84	1251150	20.0
Hexanoic acid, 2-...	7.50	2.8	ng	220208	2	8.12	1596910	20.0
Nonadecane	10.32	2.3	ng	164591	3	9.87	1415440	20.0
Tridecane	10.53	2.2	ng	153321	3	9.87	1415440	20.0
Heptadecane	10.78	4.3	ng	369625	4	11.36	1727760	20.0
Naphtho[1,2-b]nor...	11.96	2.1	ng	185348	4	11.36	1727760	20.0
Hexadecane	13.19	2.8	ng	250085	5	14.00	1766810	20.0
Hexadecane, 2,6,1...	13.52	2.9	ng	252239	5	14.00	1766810	20.0
Tetracosane	14.17	2.4	ng	210024	5	14.00	1766810	20.0