LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086408.D
Acq On : 23 Apr 2016 23:45
Operator : UM/SJ
Sample : H2652-09
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B23(0-4.5)-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	5.036	255	258	264	rBV	71208	107966	2.88%	0.299%
2	5.447	291	294	296	rBV	3288371	3753384	100.00%	10.378%
3	5.916	333	335	346	rVB4	10571	41798	1.11%	0.116%
4	6.476	382	384	387	rBV	2426834	3641464	97.02%	10.068%
5	6.613	393	396	398	rBV	3855847	3684005	98.15%	10.186%
6	6.842	414	416	419	rBV	1012793	1008393	26.87%	2.788%
7	7.002	427	430	432	rBV	3182691	2869349	76.45%	7.934%
8	7.413	463	466	468	rBV	1683595	2190948	58.37%	6.058%
9	7.505	472	474	480	rVB2	35710	89032	2.37%	0.246%
10	7.699	489	491	495	rVB	61651	77084	2.05%	0.213%
11	8.133	526	529	531	rBV	1039951	1264648	33.69%	3.497%
12	8.350	545	548	551	rVB	33692	46424	1.24%	0.128%
13	8.407	551	553	556	rBV	48136	58741	1.57%	0.162%
14	9.208	620	623	625	rBV	3618768	3630716	96.73%	10.039%
15	9.322	632	633	639	rVB3	25107	51907	1.38%	0.144%
16	9.539	650	652	655	rBV3	23276	39154	1.04%	0.108%
17	9.596	655	657	661	rVV	422095	393900	10.49%	1.089%
18	9.813	675	676	679	rBV	87566	83581	2.23%	0.231%
19	9.882	679	682	684	rVV	1344173	1253970	33.41%	3.467%
20	9.916	684	685	690	rVB	44639	46194	1.23%	0.128%
21	10.042	693	696	698	rBV2	20817	38431	1.02%	0.106%
22	10.316	718	720	722	rVB	171461	136458	3.64%	0.377%
23	10.431	728	730	733	rBV	24696	42435	1.13%	0.117%
24	10.533	736	739	742	rBV2	63387	99909	2.66%	0.276%
25	10.671	748	751	753	rBV	1488230	1721900	45.88%	4.761%
26	10.785	760	761	766	rVB	189716	238075	6.34%	0.658%
27	10.979	776	778	780	rBV	26109	40274	1.07%	0.111%
28	11.231	798	800	802	rBV	93772	117262	3.12%	0.324%
29	11.265	802	803	807	rVB	53932	49612	1.32%	0.137%
30	11.368	809	812	816	rBV2	730213	1283857	34.21%	3.550%
31	11.436	817	818	823	rVB	69291	91334	2.43%	0.253%
32	11.596	829	832	836	rBV	164172	281898	7.51%	0.779%
33	11.665	836	838	840	rVB	51329	62643	1.67%	0.173%
34	11.859	853	855	857	rBV2	27304	44228	1.18%	0.122%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086408.D
Acq On : 23 Apr 2016 23:45
Operator : UM/SJ
Sample : H2652-09
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B23(0-4.5)-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	11.974	863	865	869	rVB	59761	80516	2.15%	0.223%
36	12.065	872	873	877	rBV	47433	57814	1.54%	0.160%
37	12.156	879	881	886	rVB5	19515	49681	1.32%	0.137%
38	12.419	901	904	906	rBV2	178256	302708	8.06%	0.837%
39	12.454	906	907	909	rVB	78859	77602	2.07%	0.215%
40	12.568	915	917	920	rBV	279728	320356	8.54%	0.886%
41	12.796	933	937	939	rBV2	296464	458243	12.21%	1.267%
42	12.945	948	950	953	rBV	2368116	2693673	71.77%	7.448%
43	13.128	964	966	968	rVB	42720	44962	1.20%	0.124%
44	13.185	969	971	973	rVV2	82507	108179	2.88%	0.299%
45	13.231	973	975	979	rVB3	31880	52283	1.39%	0.145%
46	13.391	987	989	992	rBV3	31450	45806	1.22%	0.127%
47	13.482	995	997	998	rBV	53292	68354	1.82%	0.189%
48	13.528	998	1001	1002	rBV	64338	78677	2.10%	0.218%
49	13.848	1028	1029	1034	rBV	137245	204119	5.44%	0.564%
50	13.997	1039	1042	1049	rVV2	869995	1298909	34.61%	3.591%
51	14.168	1055	1057	1058	rBV	83923	79730	2.12%	0.220%
52	14.477	1081	1084	1085	rBV	79594	134067	3.57%	0.371%
53	15.014	1129	1131	1135	rBV	105516	232108	6.18%	0.642%
54	15.094	1136	1138	1140	rVV	69928	84087	2.24%	0.232%
55	15.414	1164	1166	1168	rBV	424025	601914	16.04%	1.664%
56	16.283	1239	1242	1245	rBV	100457	226330	6.03%	0.626%
57	16.957	1298	1301	1306	rVB	113177	285910	7.62%	0.791%

Sum of corrected areas: 36167002

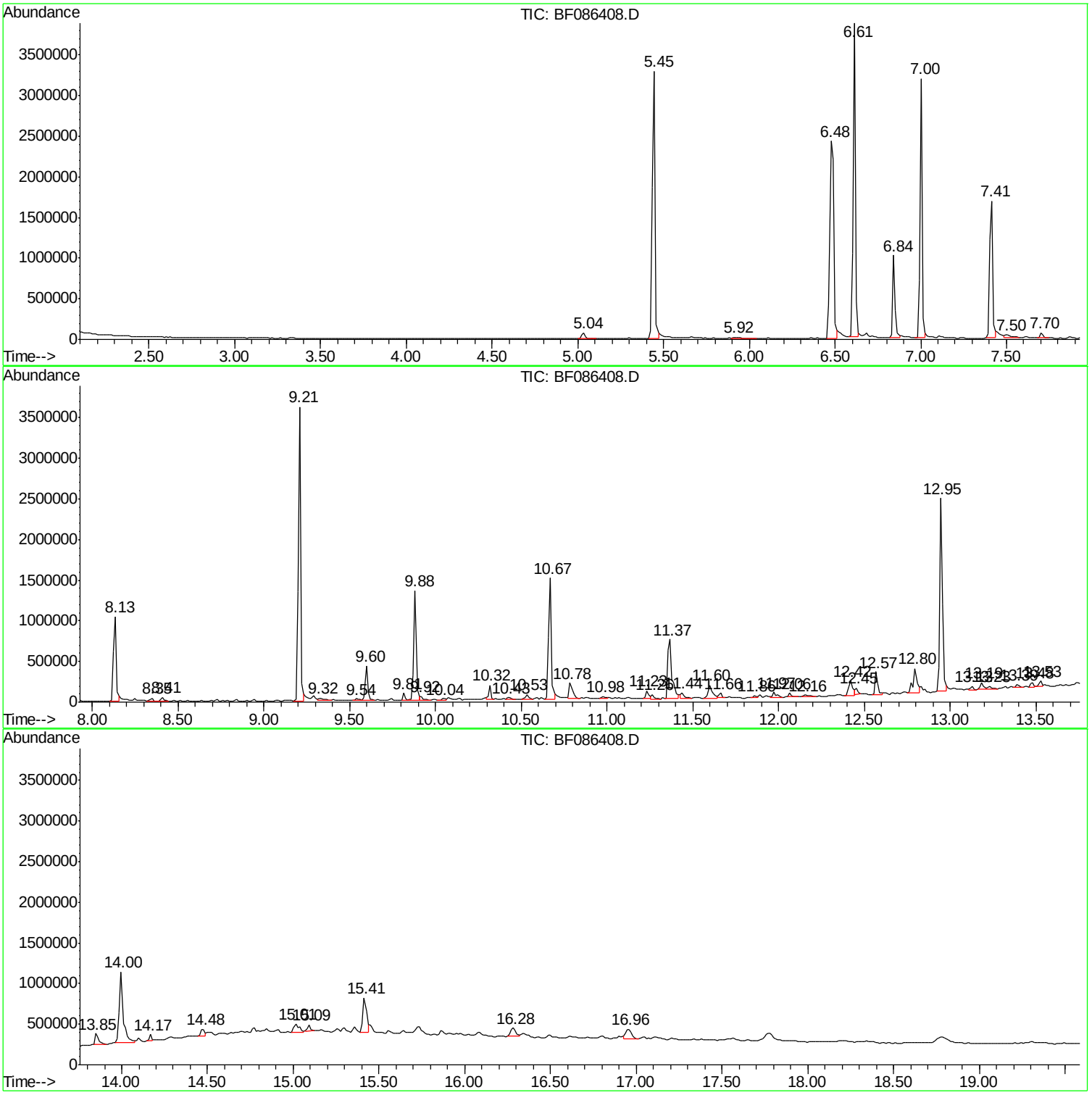
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086408.D
Acq On : 23 Apr 2016 23:45
Operator : UM/SJ
Sample : H2652-09
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B23(0-4.5)-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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086408.D
Acq On : 23 Apr 2016 23:45
Operator : UM/SJ
Sample : H2652-09
Misc :
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Instrument : BNA_F
ClientSampleId : WPG-B23(0-4.5)-C

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

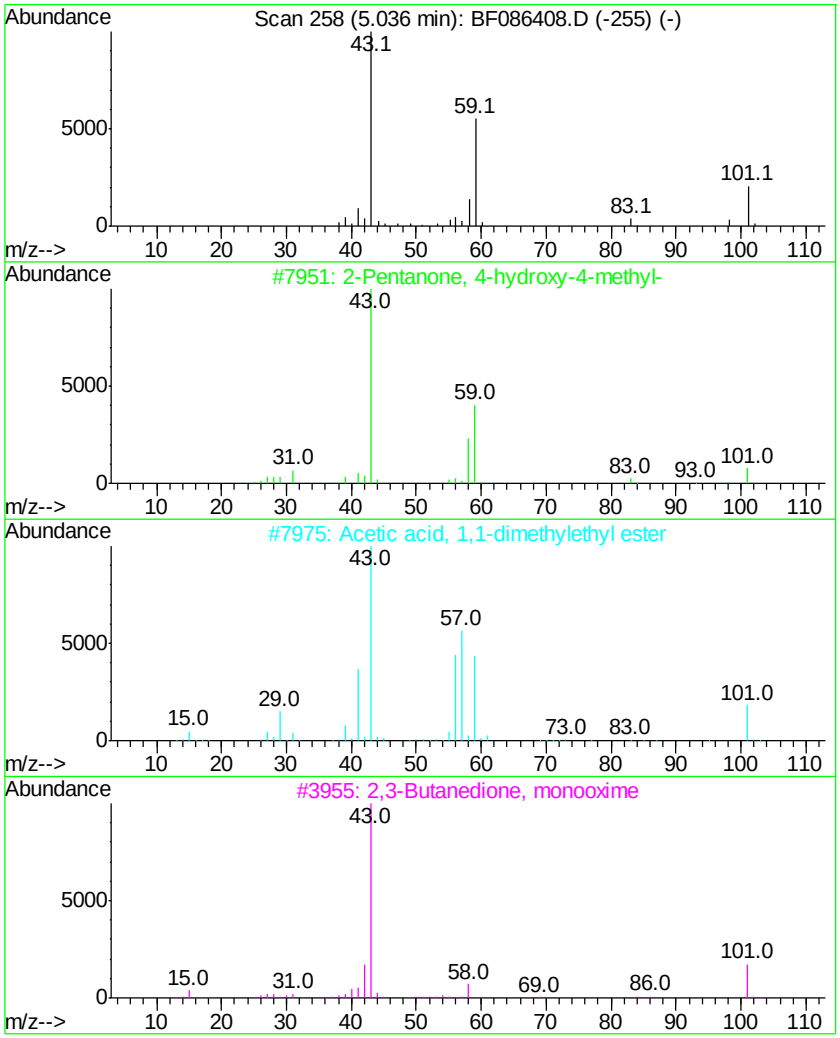
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

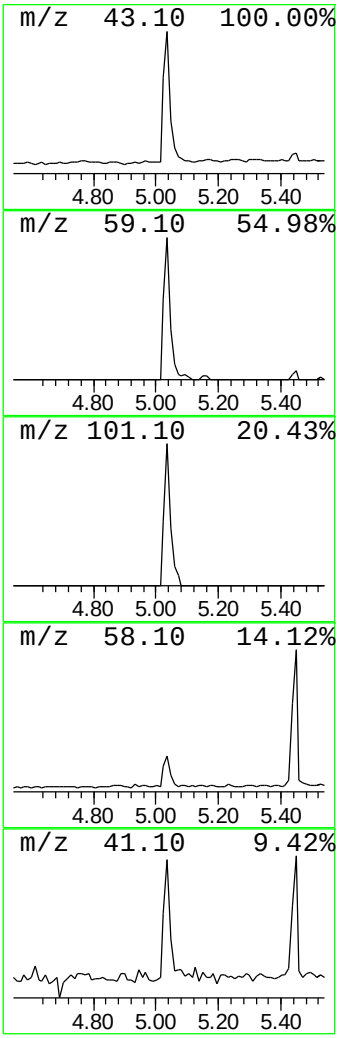
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	2.14 ng	107966	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	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	45
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
5	3-Hexanol	102	C6H14O	000623-37-0	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086408.D
Acq On : 23 Apr 2016 23:45
Operator : UM/SJ
Sample : H2652-09
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B23(0-4.5)-C

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

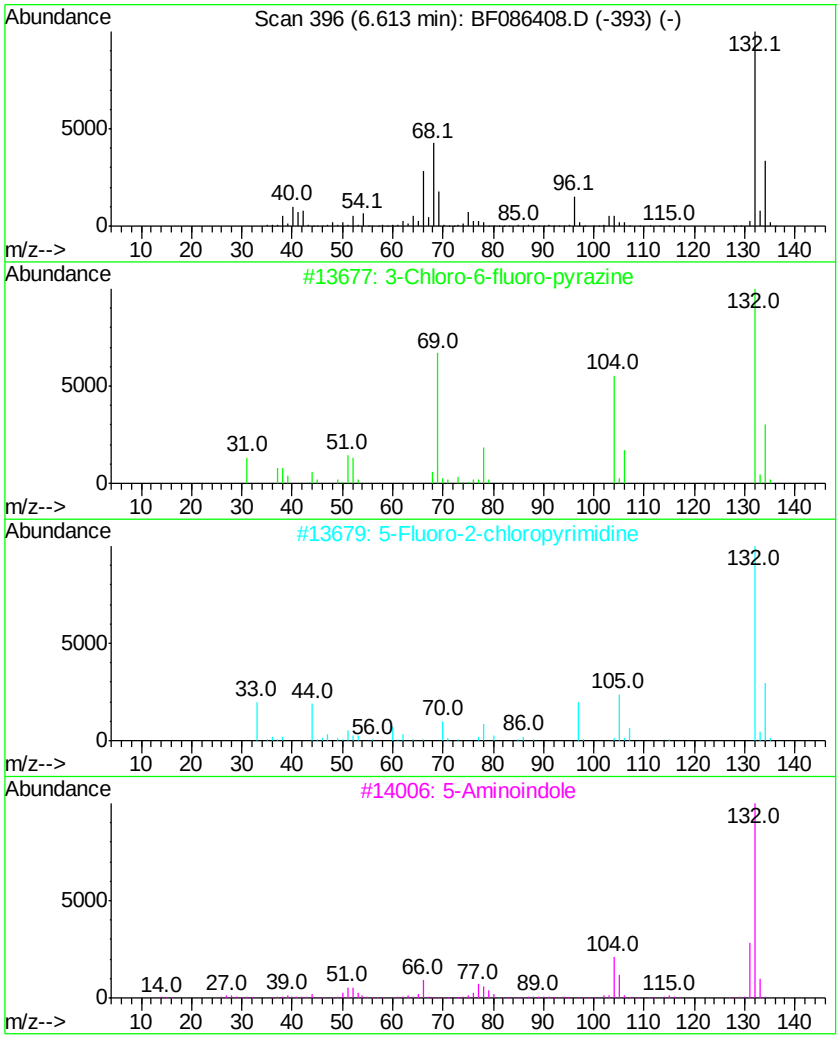
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

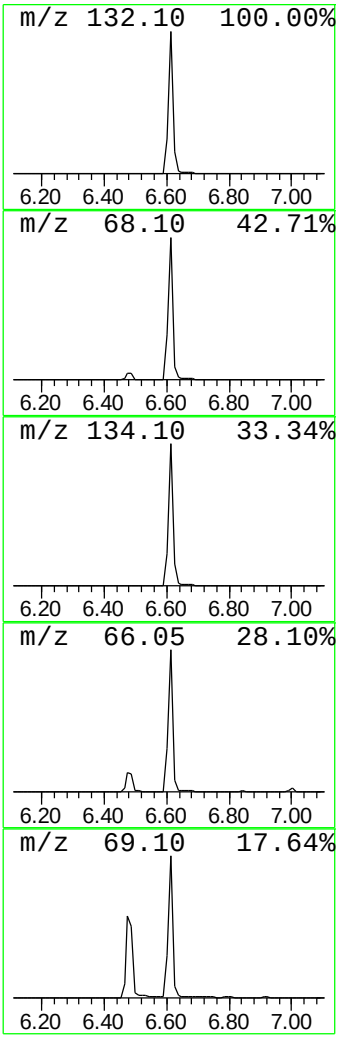
****

Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	73.07 ng	3684010	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	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086408.D
Acq On : 23 Apr 2016 23:45
Operator : UM/SJ
Sample : H2652-09
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B23(0-4.5)-C

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

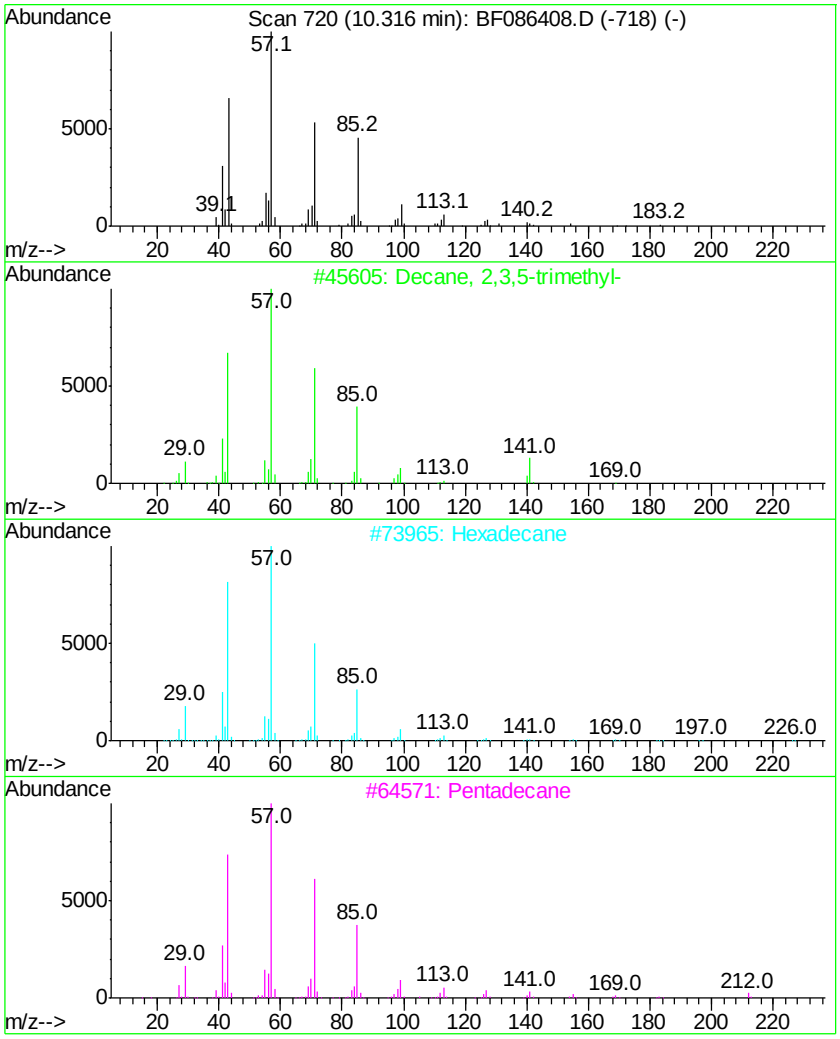
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

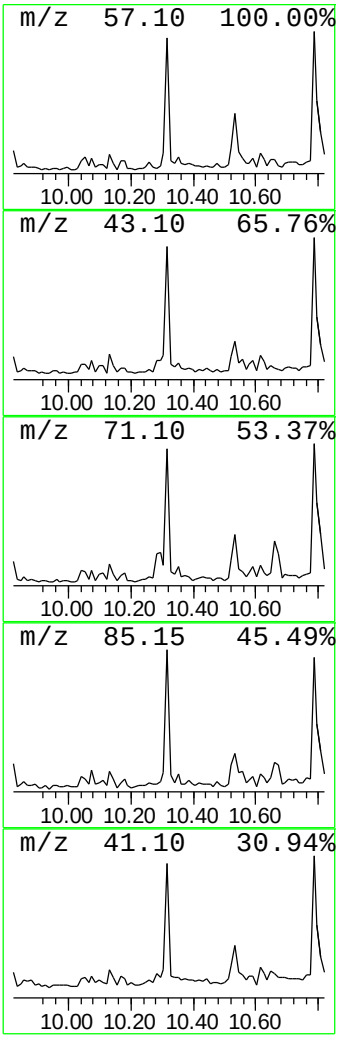
****

Peak Number 4 Decane, 2,3,5-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	2.18 ng	136458	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Tetradecane	198	C14H30	000629-59-4	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086408.D
Acq On : 23 Apr 2016 23:45
Operator : UM/SJ
Sample : H2652-09
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B23(0-4.5)-C

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

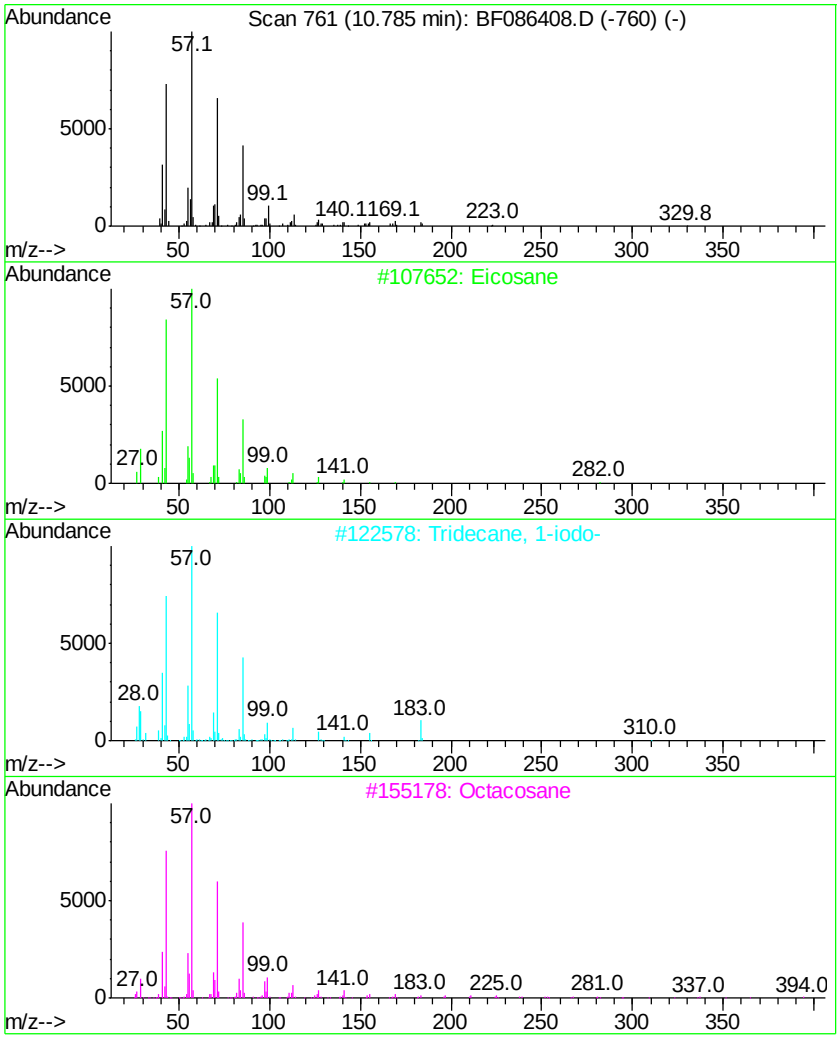
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

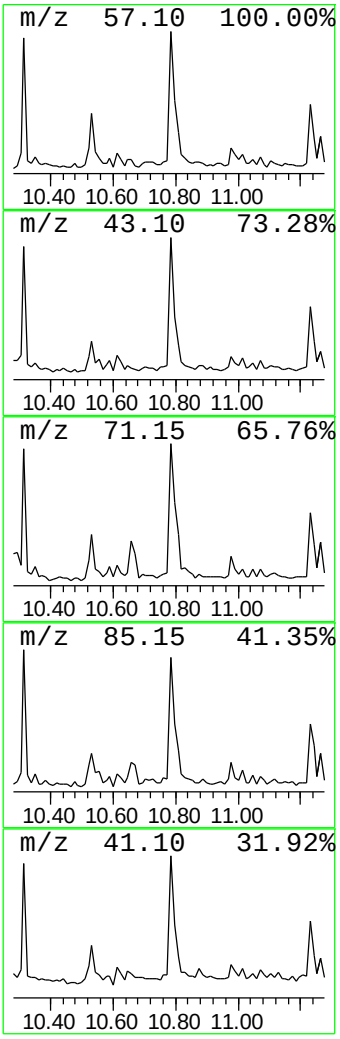
****

Peak Number 5 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	3.71 ng	238075	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Octacosane	394	C28H58	000630-02-4	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Hexadecane	226	C16H34	000544-76-3	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
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Acq On : 23 Apr 2016 23:45
Operator : UM/SJ
Sample : H2652-09
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B23(0-4.5)-C

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

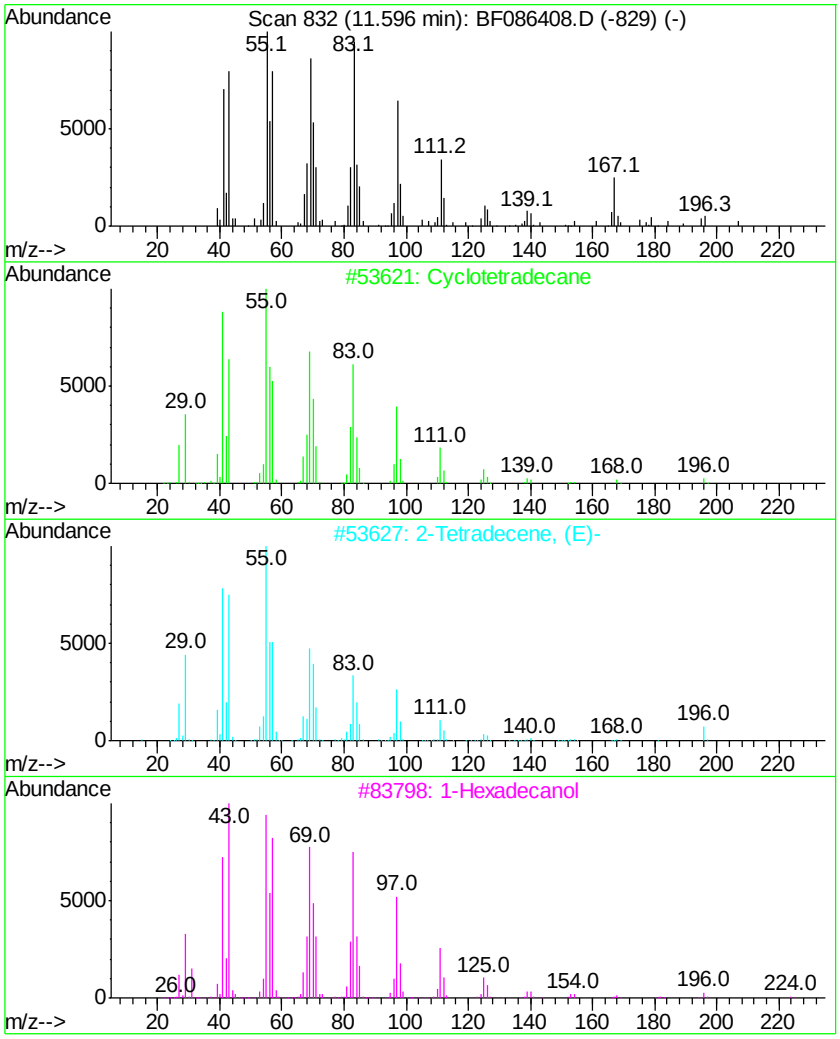
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

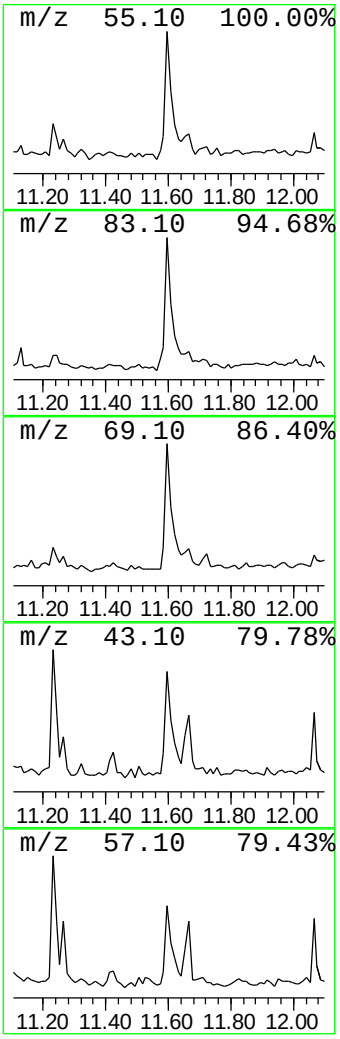
****

Peak Number 6 Cyclotetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	4.39 ng	281898	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	97
2	2-Tetradecene, (E)-	196	C14H28	035953-53-8	95
3	1-Hexadecanol	242	C16H34O	036653-82-4	94
4	1-Tetradecene	196	C14H28	001120-36-1	92
5	1-Pentadecanol	228	C15H32O	000629-76-5	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086408.D
Acq On : 23 Apr 2016 23:45
Operator : UM/SJ
Sample : H2652-09
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B23(0-4.5)-C

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

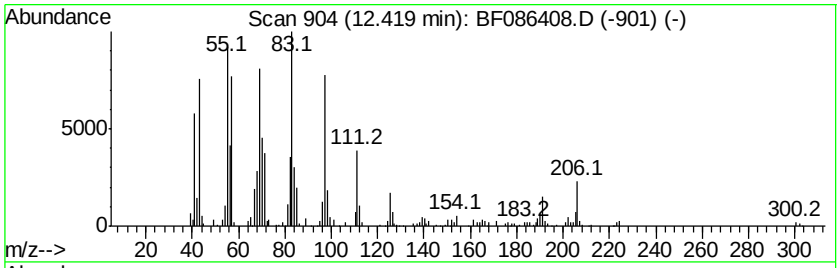
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

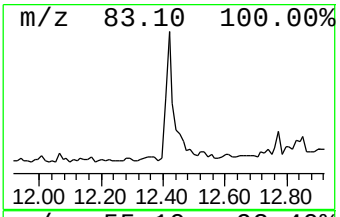
****

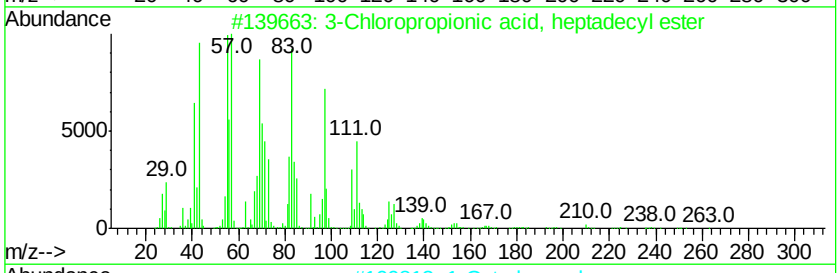
Peak Number 7 3-Chloropropionic acid, hep... Concentration Rank 5

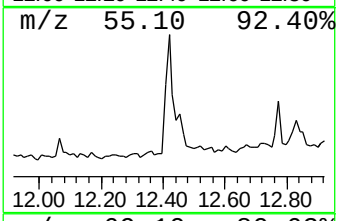
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	4.72 ng	302708	Phenanthrene-d10	11.37

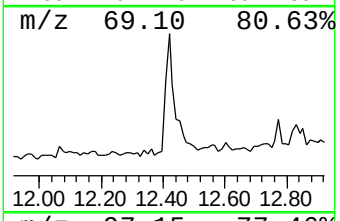
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	93
2	1-Octadecanol	270	C18H38O	000112-92-5	93
3	1-Nonadecene	266	C19H38	018435-45-5	90
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	90
5	1-Hexadecene	224	C16H32	000629-73-2	86

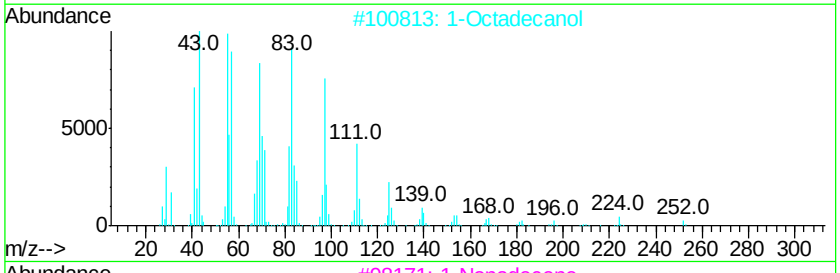


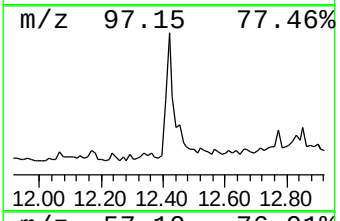


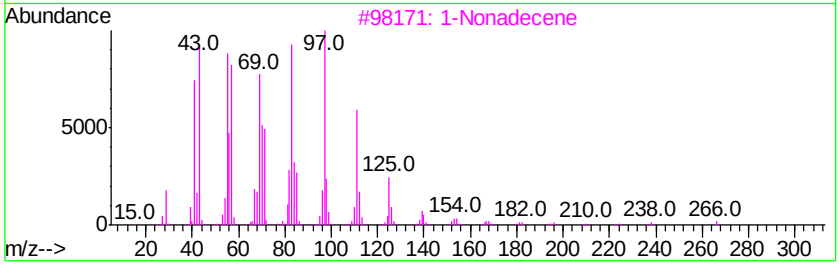


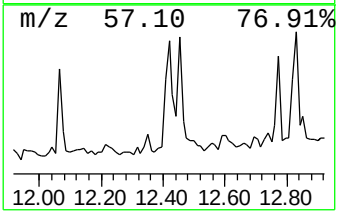












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086408.D
Acq On : 23 Apr 2016 23:45
Operator : UM/SJ
Sample : H2652-09
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B23(0-4.5)-C

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

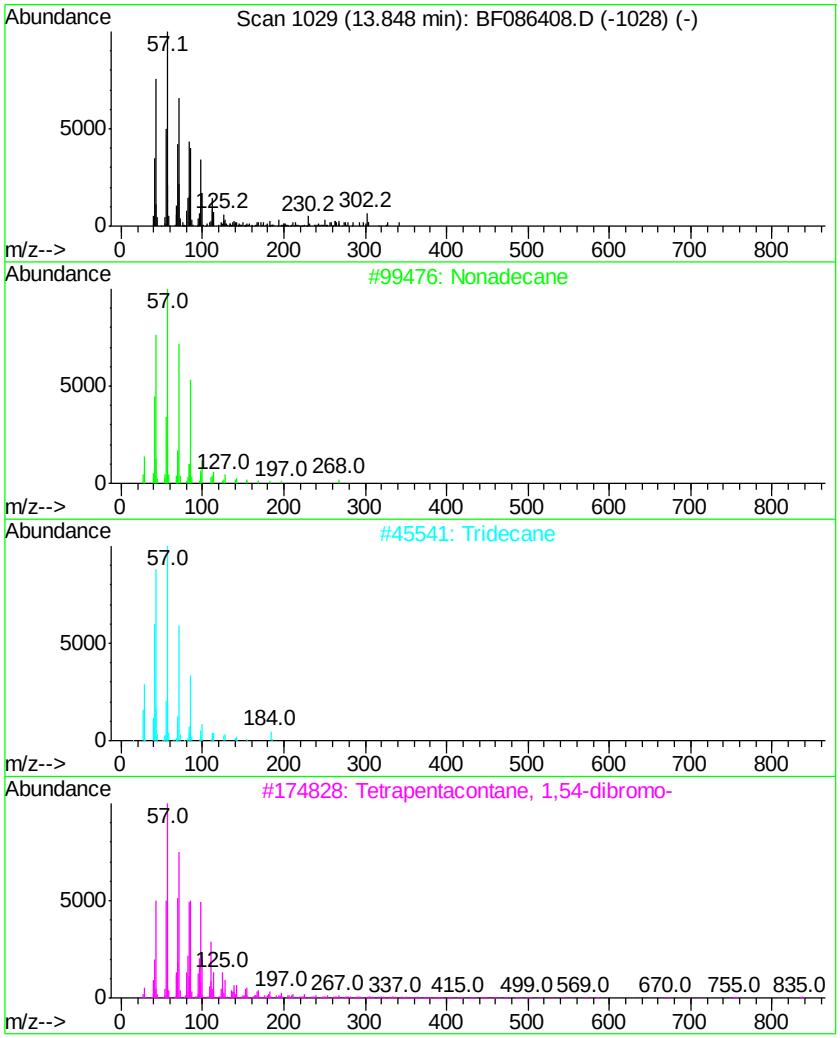
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

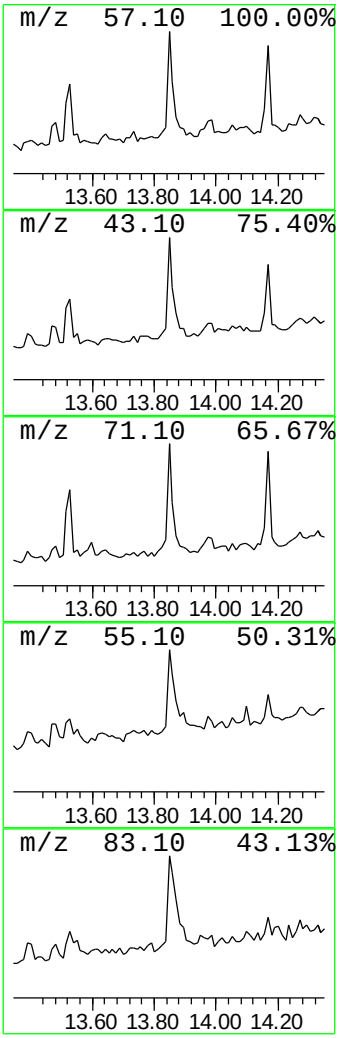
****

Peak Number 8 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	3.14 ng	204119	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Tridecane	184	C13H28	000629-50-5	89
3	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	86
4	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	81
5	1-Hexadecene, 16-bromo-	302	C16H31Br	118625-56-2	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086408.D
Acq On : 23 Apr 2016 23:45
Operator : UM/SJ
Sample : H2652-09
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B23(0-4.5)-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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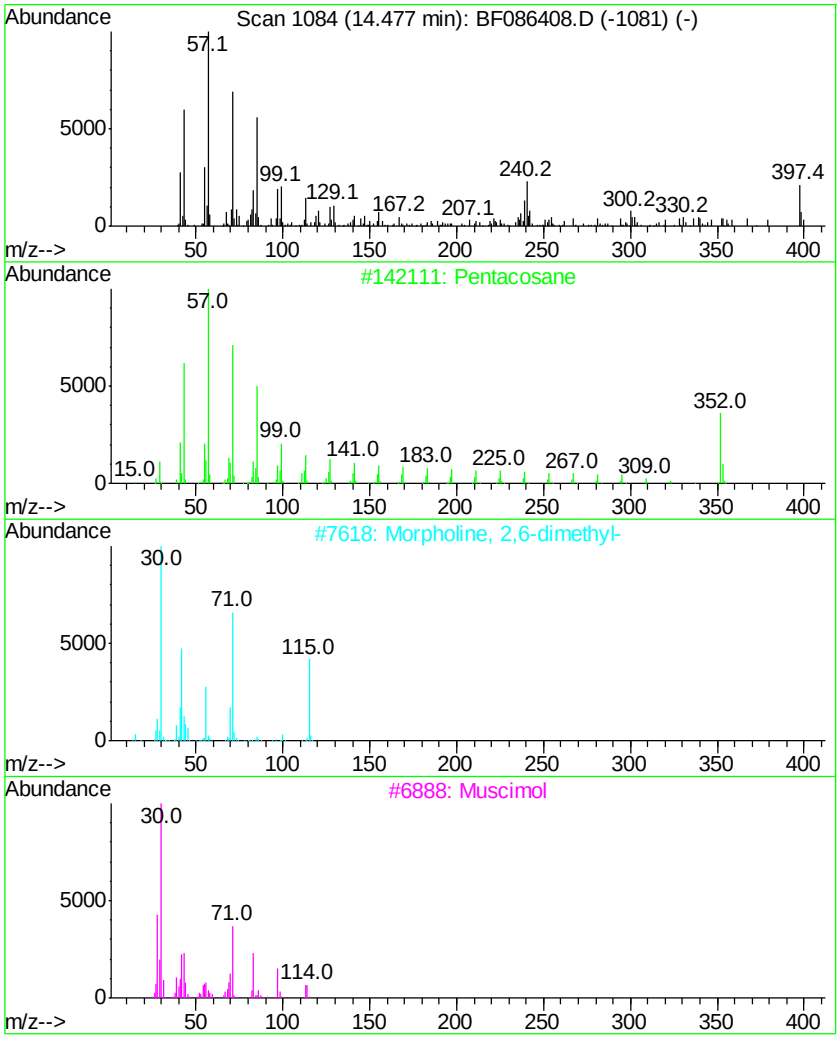
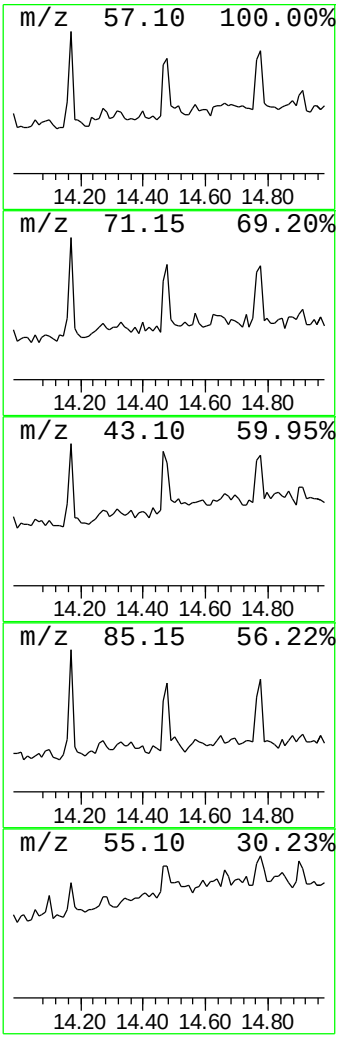
Peak Number 9 Pentacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	2.06 ng	134067	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	58
2	Morpholine, 2,6-dimethyl-	115	C6H13NO	000141-91-3	9
3	Muscimol	114	C4H6N2O2	002763-96-4	9
4	1,3-Dioxolane, 2,2-dimethyl-4-[[...	412	C25H48O4	056256-32-7	9
5	Eicosane, 2,6,10,14,18-pentamethyl-	352	C25H52	051794-16-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086408.D
Acq On : 23 Apr 2016 23:45
Operator : UM/SJ
Sample : H2652-09
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B23(0-4.5)-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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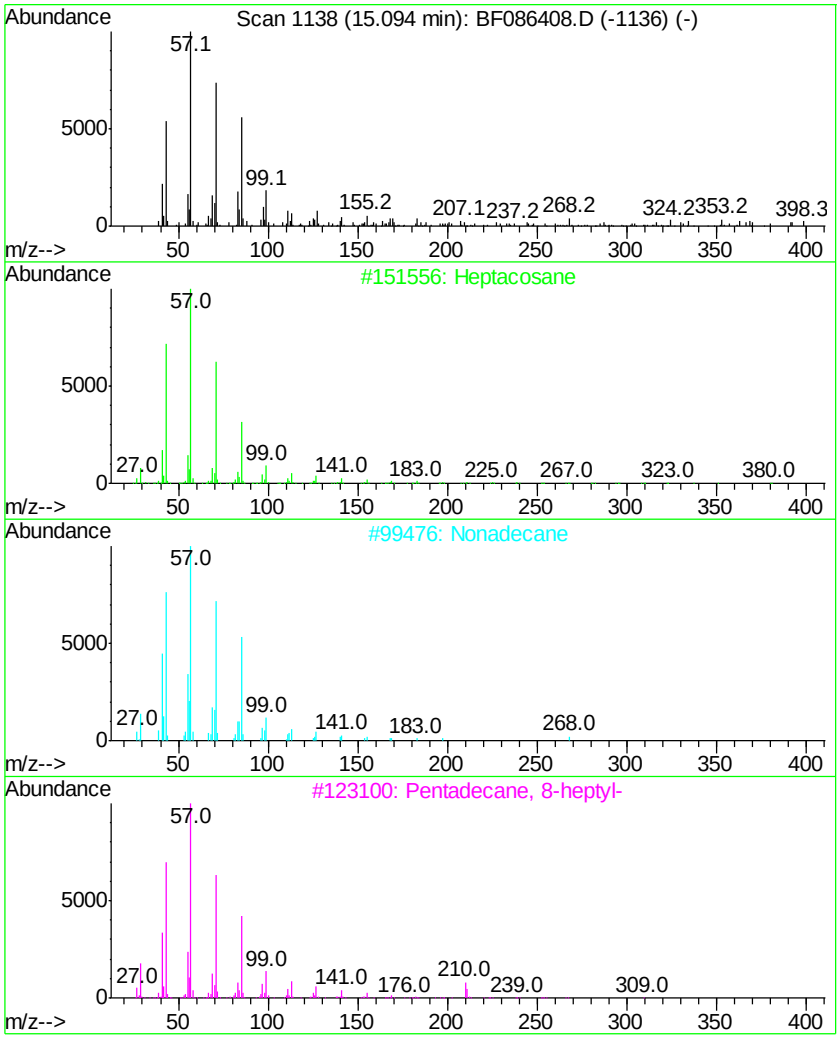
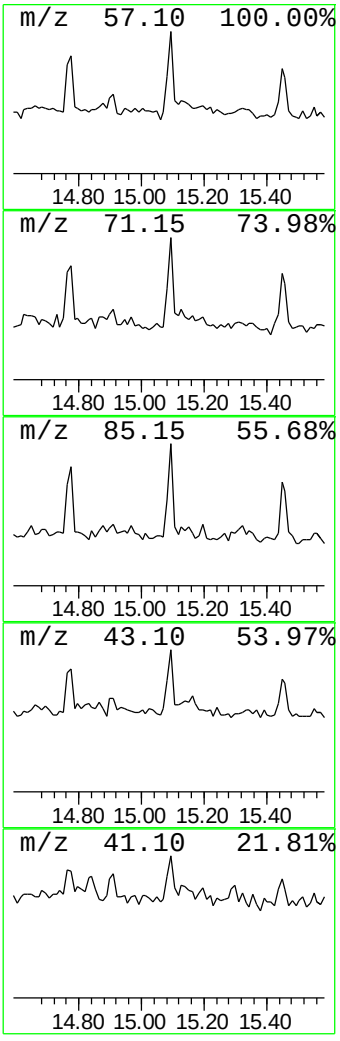
Peak Number 10 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	2.79 ng	84087	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Nonadecane	268	C19H40	000629-92-5	90
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
4	Tetradecane	198	C14H30	000629-59-4	80
5	Tetratetracontane	619	C44H90	007098-22-8	74





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086408.D
Acq On : 23 Apr 2016 23:45
Operator : UM/SJ
Sample : H2652-09
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B23(0-4.5)-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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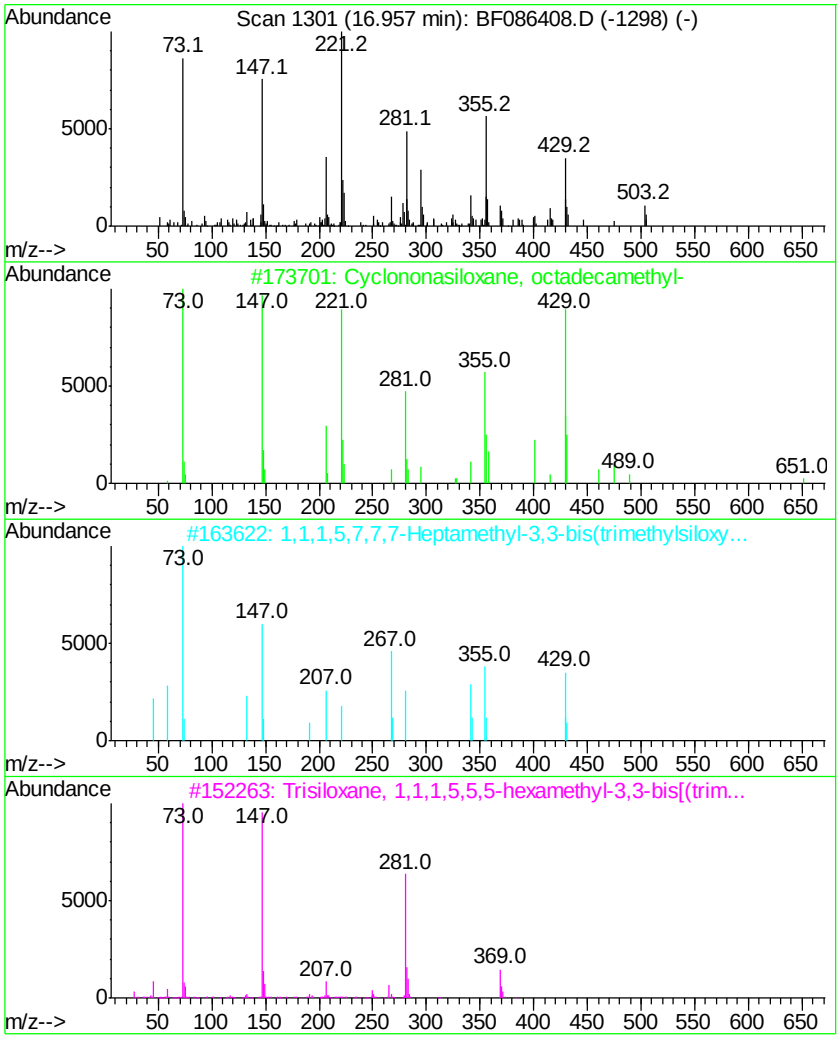
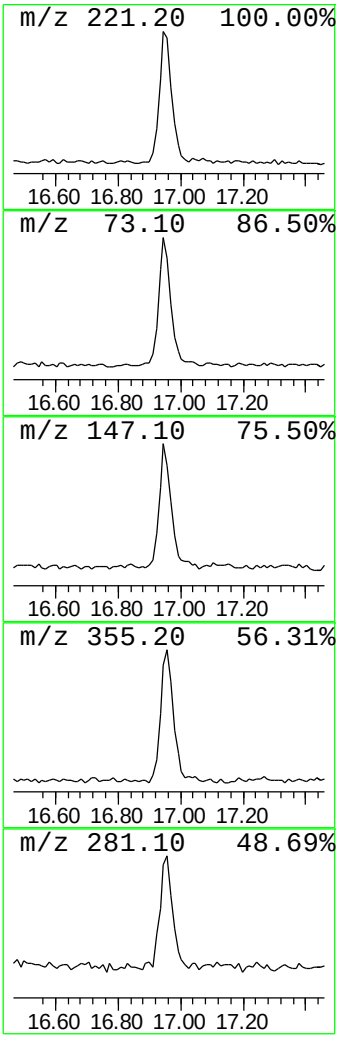
Peak Number 12 Cyclononasiloxane, octadeca... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	9.50 ng	285910	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	83
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	40
3	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	27
4	N-Benzyl-N-ethyl-p-isopropylbenz...	281	C19H23NO	015089-22-2	27
5	2-(2',4',4',6',6',8',8'-Heptamet...	652	C16H48O10Si9	145344-72-5	17





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086408.D
Acq On : 23 Apr 2016 23:45
Operator : UM/SJ
Sample : H2652-09
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B23(0-4.5)-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...	5.04	2.1	ng	107966	1	6.84	1008390	20.0
unknown6.61	6.61	73.1	ng	3684010	1	6.84	1008390	20.0
Decane, 2,3,5-tri...	10.32	2.2	ng	136458	3	9.88	1253970	20.0
Eicosane	10.78	3.7	ng	238075	4	11.37	1283860	20.0
Cyclotetradecane	11.60	4.4	ng	281898	4	11.37	1283860	20.0
3-Chloropropionic...	12.42	4.7	ng	302708	4	11.37	1283860	20.0
Nonadecane	13.85	3.1	ng	204119	5	14.00	1298910	20.0
Pentacosane	14.48	2.1	ng	134067	5	14.00	1298910	20.0
Heptacosane	15.09	2.8	ng	84087	6	15.41	601914	20.0
Cyclononasiloxane...	16.96	9.5	ng	285910	6	15.41	601914	20.0