LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
Data File : BF084642.D
Acq On : 29 Jan 2016 18:04
Operator : SJ/IZ
Sample : H1272-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B014(25-27)

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-BF012916.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	4.190	182	184	191	rBV	248966	332296	5.58%	0.621%
2	4.899	241	246	248	rBV	2598011	4478188	75.19%	8.367%
3	5.321	281	283	286	rBV	3875953	5444155	91.41%	10.172%
4	5.721	316	318	321	rBV	225289	254527	4.27%	0.476%
5	6.373	372	375	377	rBV	4906400	5024907	84.37%	9.388%
6	6.499	383	386	388	rBV	4912772	5785066	97.13%	10.809%
7	6.727	403	406	408	rBV	911204	1042293	17.50%	1.947%
8	6.876	417	419	422	rBV	3569914	3758602	63.11%	7.023%
9	7.287	452	455	458	rBV	2666231	3302421	55.45%	6.170%
10	8.007	516	518	520	rBV	1677777	1427784	23.97%	2.668%
11	9.093	610	613	615	rBV	5541134	5956021	100.00%	11.128%
12	9.482	645	647	649	rBV	484026	484253	8.13%	0.905%
13	9.699	665	666	669	rVB2	62980	81925	1.38%	0.153%
14	9.756	669	671	674	rBV	1399741	1503065	25.24%	2.808%
15	10.202	708	710	712	rVB	166100	132058	2.22%	0.247%
16	10.419	726	729	733	rBV	43078	85011	1.43%	0.159%
17	10.545	738	740	743	rBV2	3444039	3815792	64.07%	7.129%
18	10.671	750	751	756	rBV	131378	182839	3.07%	0.342%
19	11.116	788	790	792	rBV	61549	79540	1.34%	0.149%
20	11.242	798	801	803	rBV	1499570	1579290	26.52%	2.951%
21	11.791	847	849	851	rBV	77371	94688	1.59%	0.177%
22	12.831	937	940	942	rBV	5513400	5488187	92.15%	10.254%
23	13.757	1017	1021	1028	rBV	117431	365051	6.13%	0.682%
24	13.871	1028	1031	1033	rVV	1563036	1477931	24.81%	2.761%
25	14.717	1103	1105	1107	rBV	201404	193748	3.25%	0.362%
26	15.254	1149	1152	1155	rBV	941033	1090749	18.31%	2.038%
27	16.134	1226	1229	1234	rVB2	33266	61783	1.04%	0.115%

Sum of corrected areas: 53522170

LSC Report - Integrated Chromatogram

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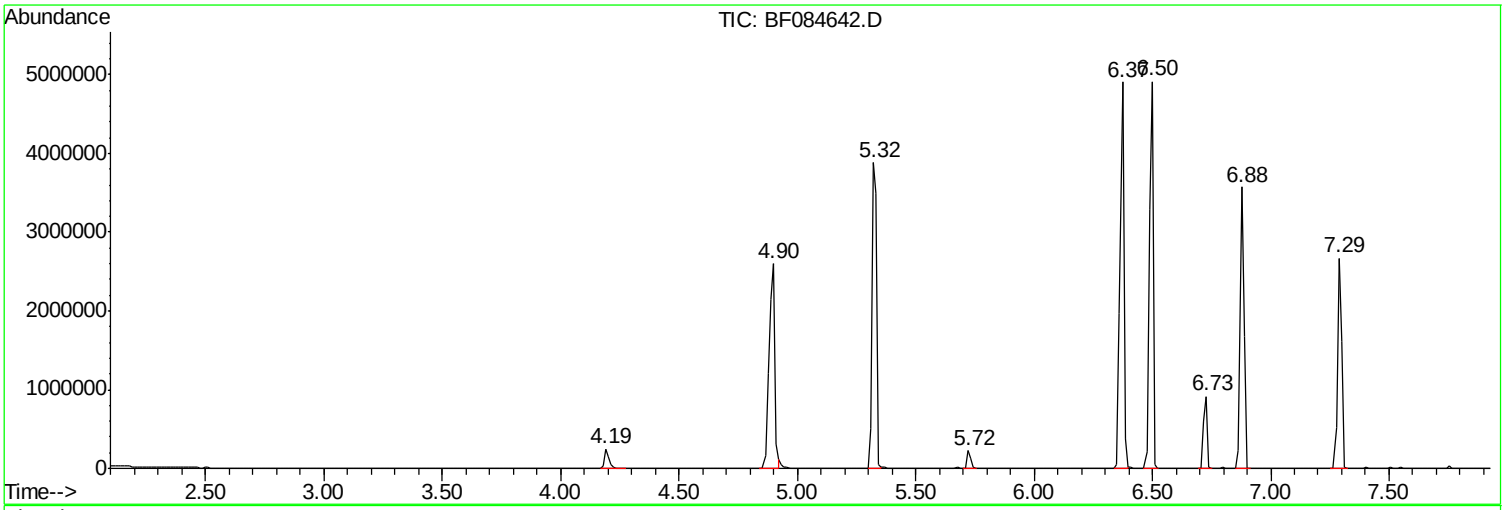
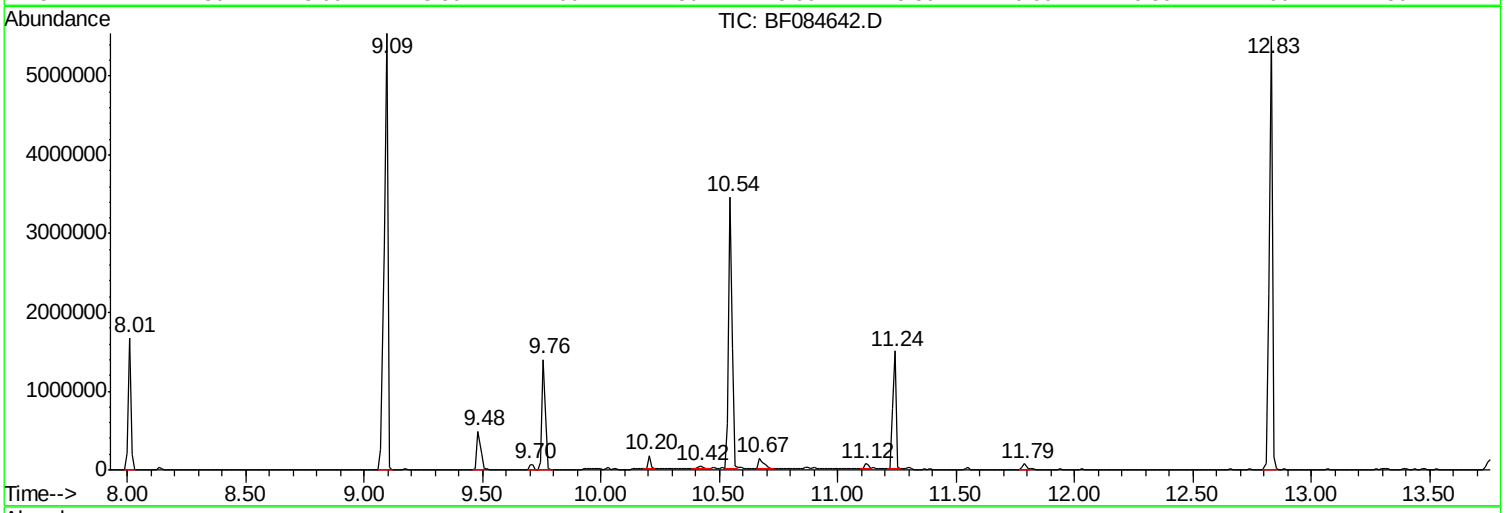
Misc :
ALS Vial : 20 Sample Multiplier: 1

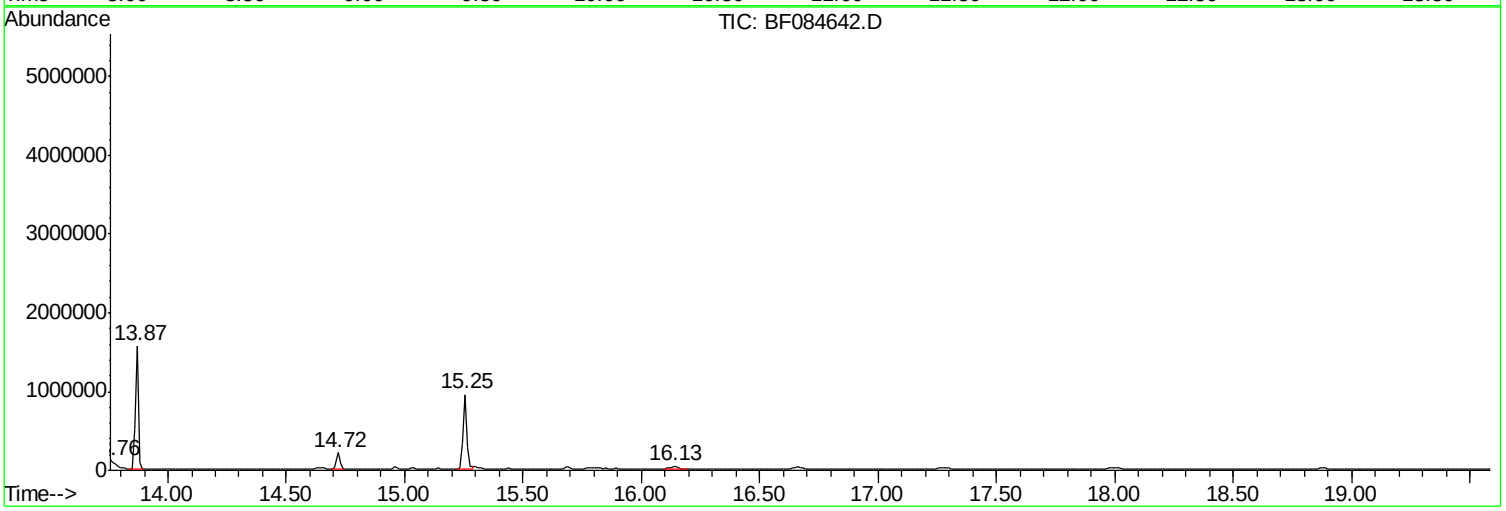
Instrument :
BNA_F
ClientSampleId :
SUP-B014(25-27)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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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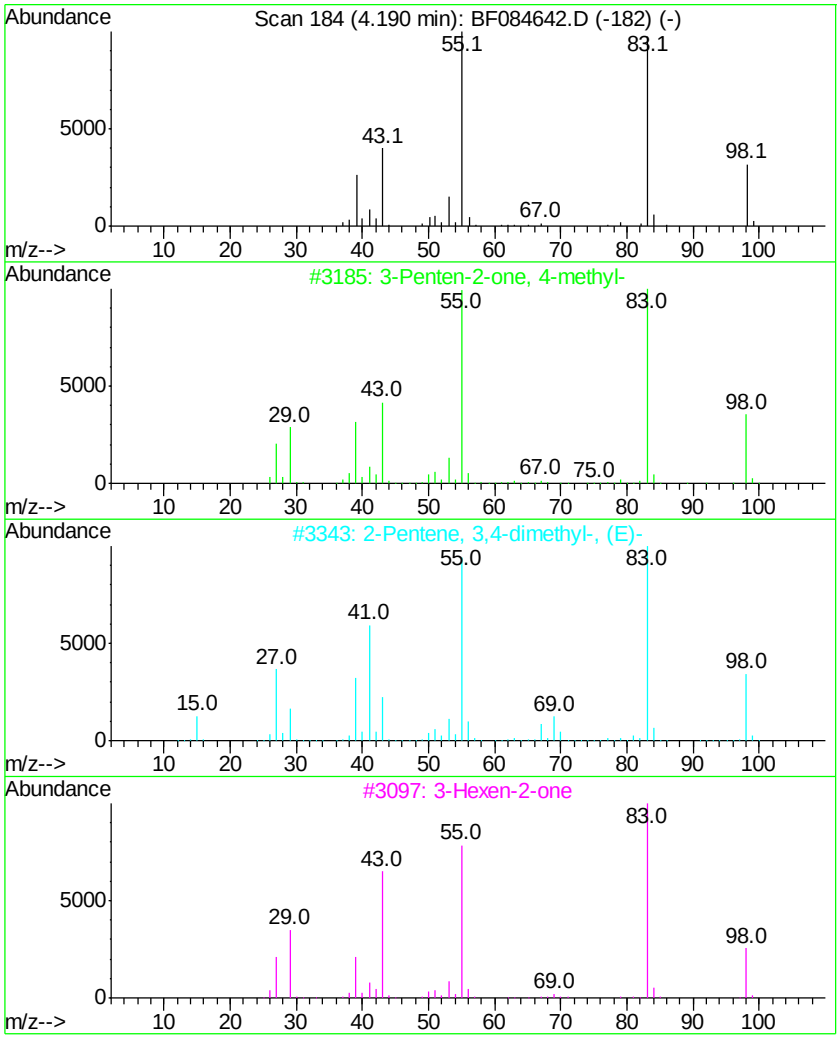
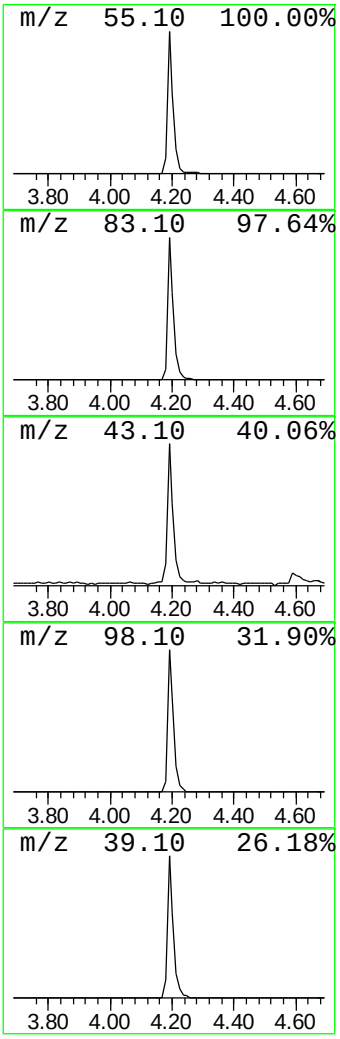
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.19	6.38 ng	332296	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	94
2	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
3	3-Hexen-2-one	98	C6H10O	000763-93-9	90
4	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
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Acq On : 29 Jan 2016 18:04
Operator : SJ/IZ
Sample : H1272-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B014(25-27)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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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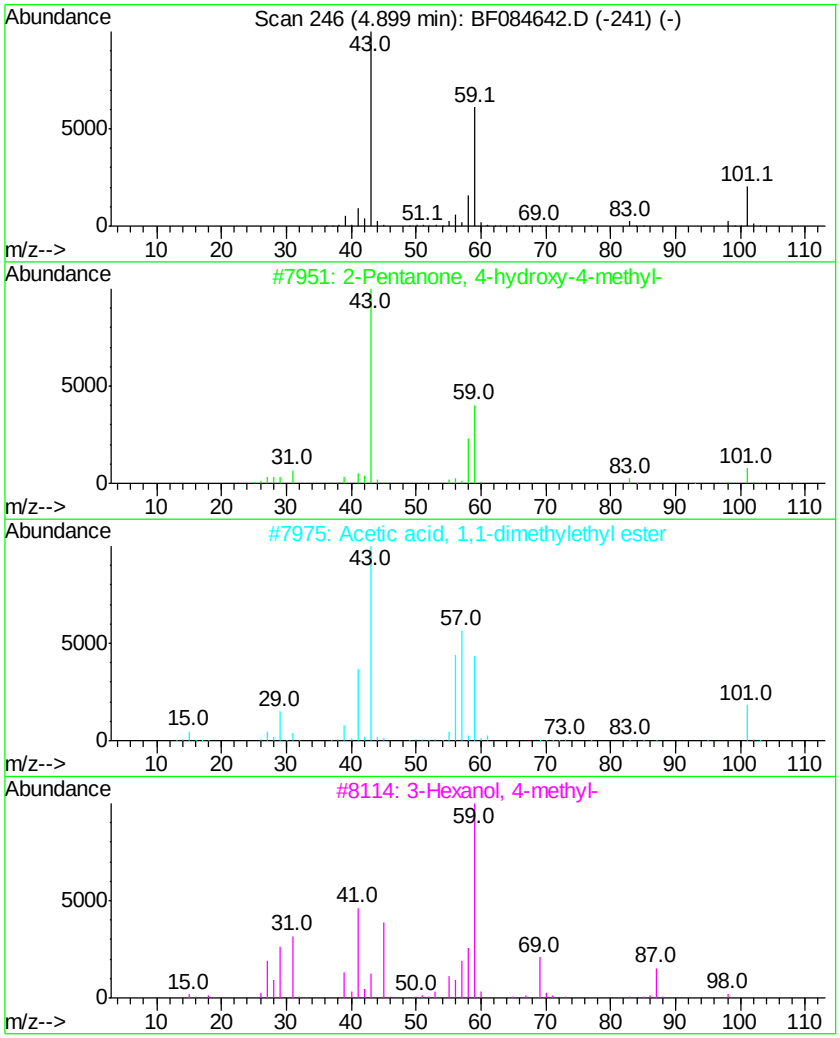
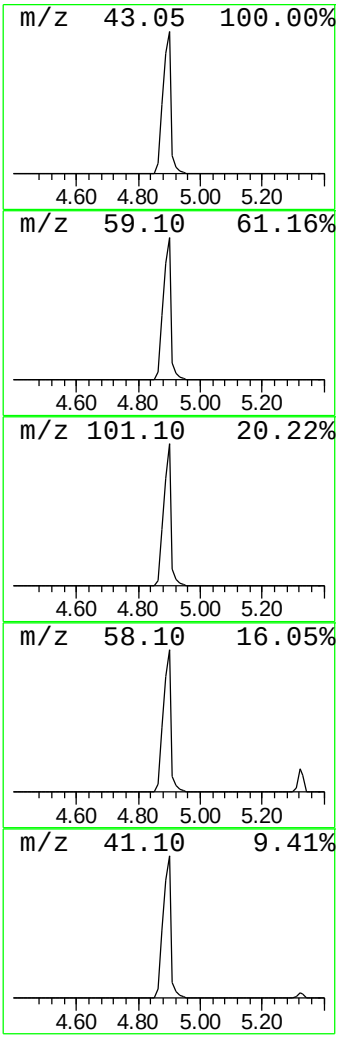
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	85.93 ng	4478190	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Data File : BF084642.D
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Operator : SJ/IZ
Sample : H1272-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B014(25-27)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
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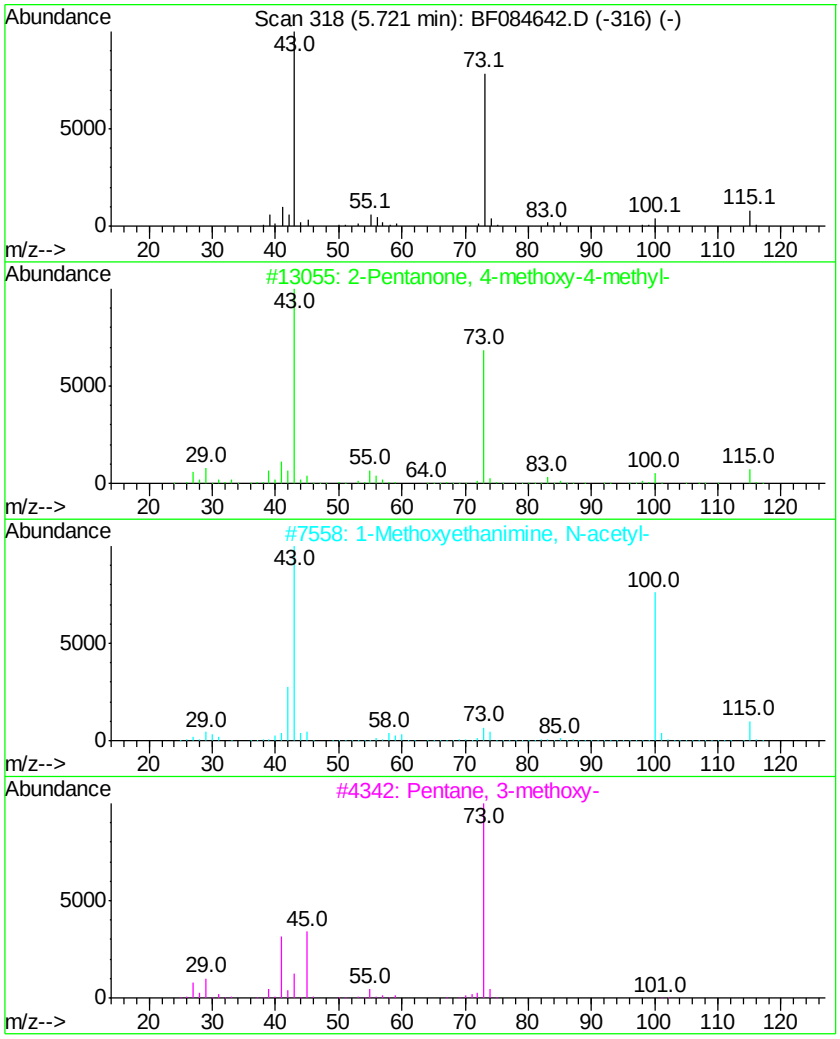
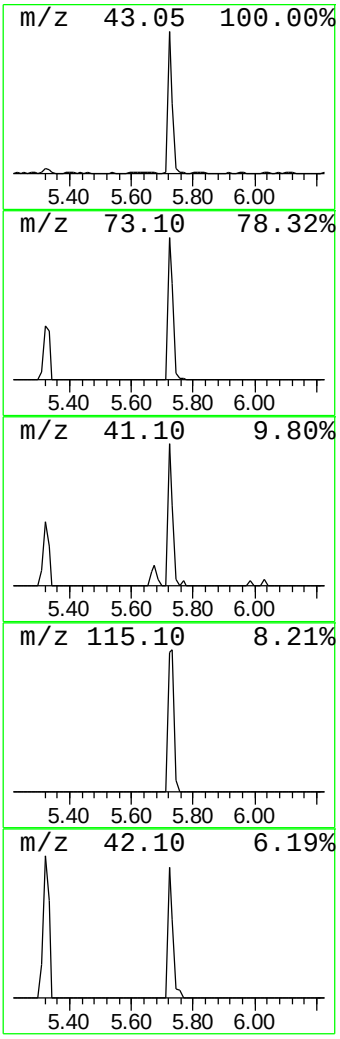
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	4.88 ng	254527	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	90
2	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	25
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	17
5	N,N'-Bis(2-methyl-2-nitrosopenta...	258	C12H22N2O4	094514-30-4	12





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : SUP-B014(25-27)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
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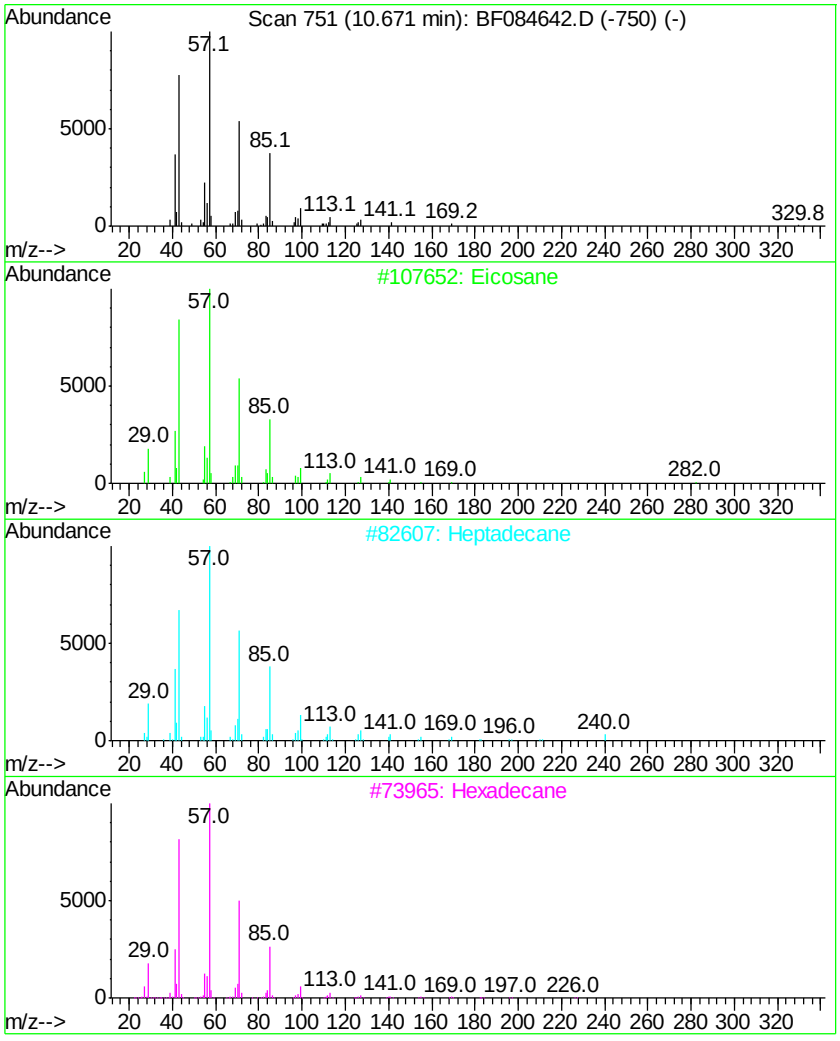
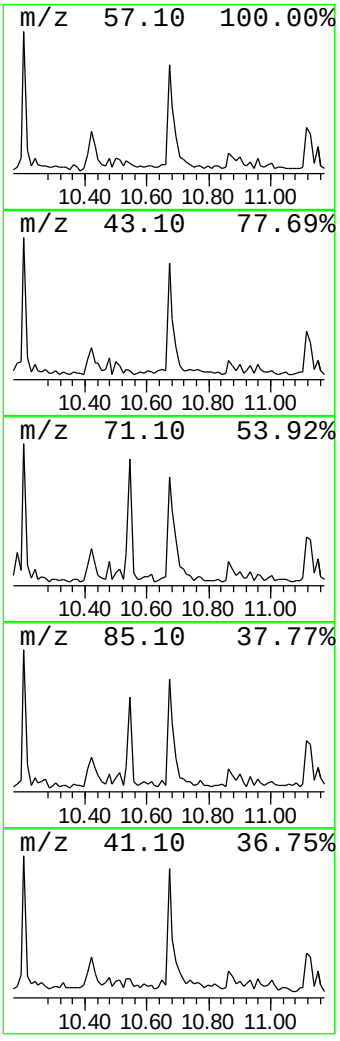
Peak Number 6 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	2.32 ng	182839	Phenanthrene-d10	11.24

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	Hexadecane	226	C16H34	000544-76-3	90
4	Pentadecane	212	C15H32	000629-62-9	86
5	Nonadecane	268	C19H40	000629-92-5	86





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B014(25-27)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
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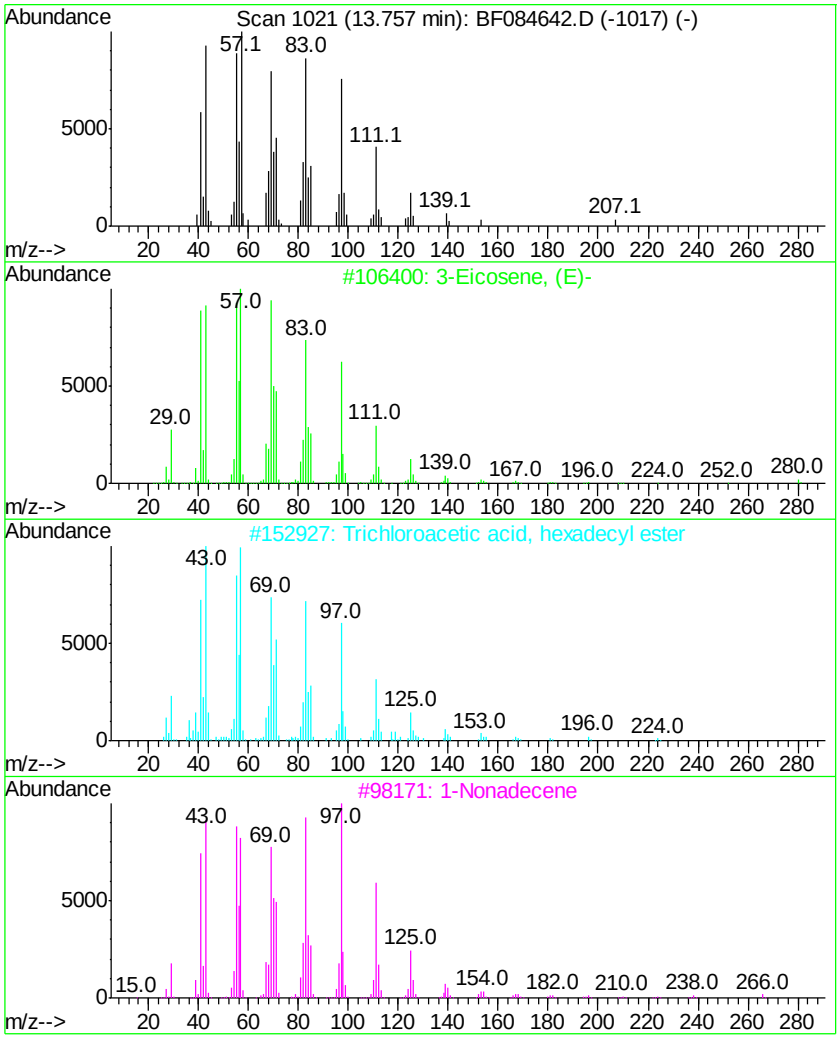
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

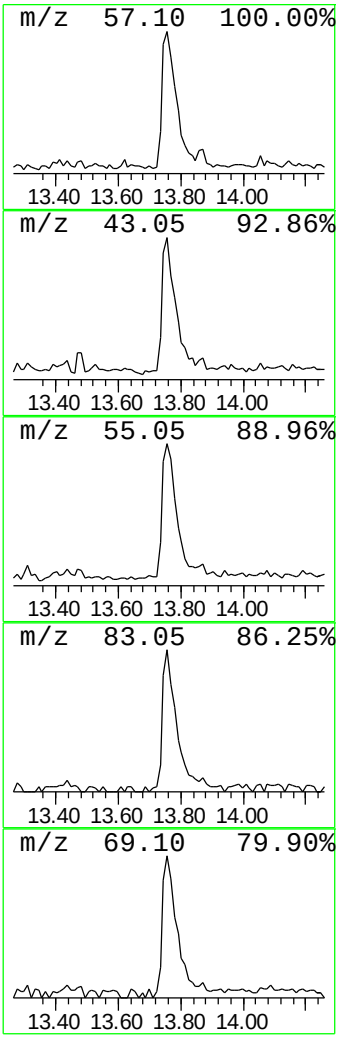
****

Peak Number 7 3-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	4.94 ng	365051	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	1-Docosene	308	C22H44	001599-67-3	81
5	11-Tricosene	322	C23H46	052078-56-5	80





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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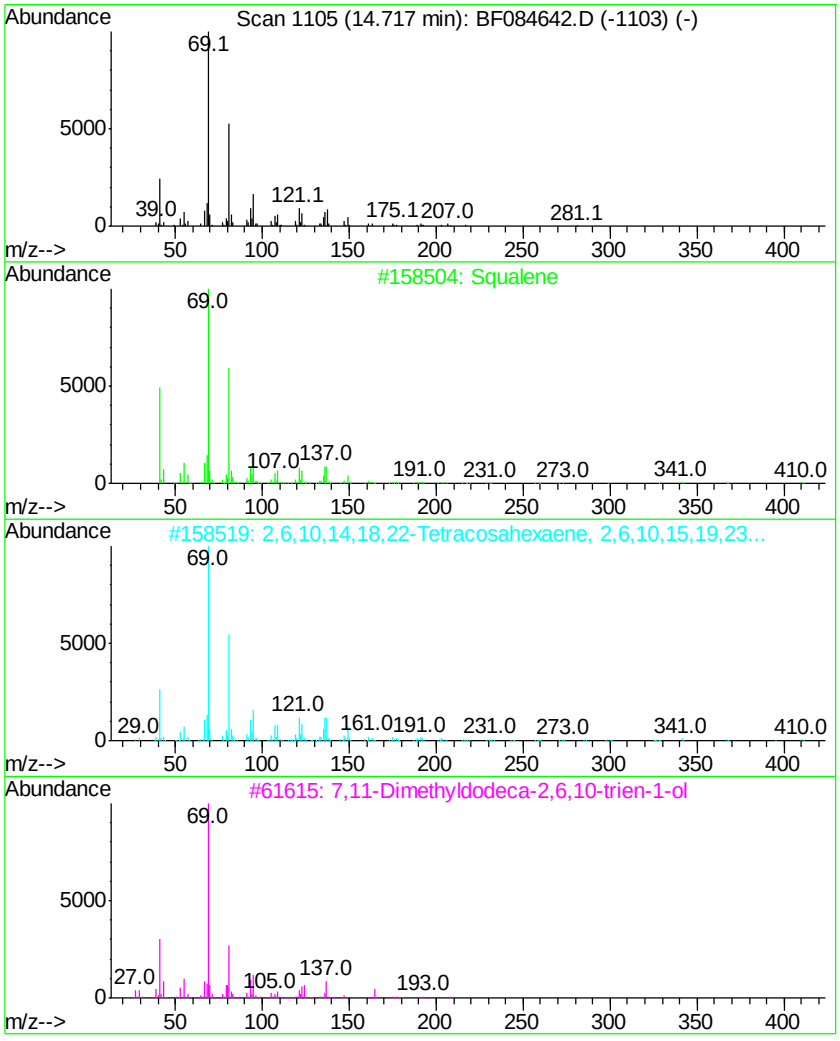
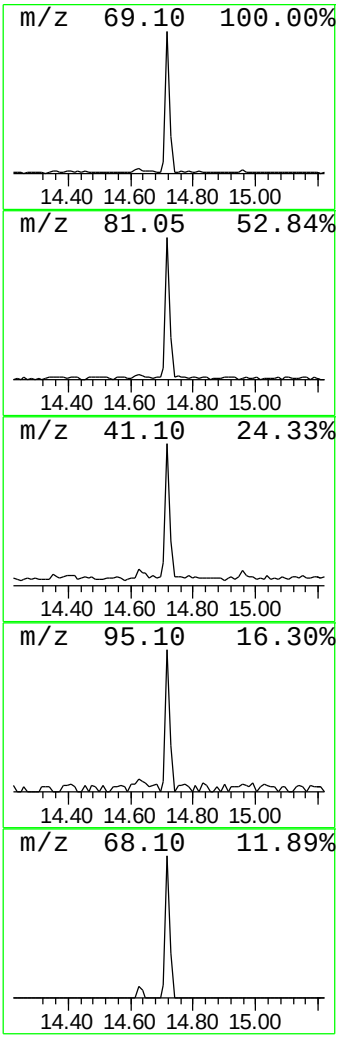
Peak Number 8 Squalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	3.55 ng	193748	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	91
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
4	1,5-Heptadiene, 3,3,5-trimethyl-	138	C10H18	074630-29-8	53
5	Methanone, dicyclopropyl-	110	C7H10O	001121-37-5	50





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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
3-Penten-2-one, 4...	4.19	6.4	ng	332296	1	6.73	1042290	20.0
2-Pentanone, 4-hy...	4.90	85.9	ng	4478190	1	6.73	1042290	20.0
2-Pentanone, 4-me...	5.72	4.9	ng	254527	1	6.73	1042290	20.0
Eicosane	10.67	2.3	ng	182839	4	11.24	1579290	20.0
3-Eicosene, (E)-	13.76	4.9	ng	365051	5	13.87	1477930	20.0
Squalene	14.72	3.5	ng	193748	6	15.25	1090750	20.0