LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087017.D
Acq On : 14 May 2016 13:47
Operator : UM/SJ
Sample : H2990-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C2-GW

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-BF050916.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	1.735	11	13	47	rVB	4774264	9548375	100.00%	20.848%
2	4.741	273	276	291	rBV	283392	435053	4.56%	0.950%
3	5.199	314	316	335	rBV	2054799	2416298	25.31%	5.276%
4	6.273	408	410	417	rBV	1556399	1651851	17.30%	3.607%
5	6.387	417	420	422	rBV	3621316	4073077	42.66%	8.893%
6	6.604	437	439	445	rVB	646444	933942	9.78%	2.039%
7	6.764	451	453	456	rBV	3442727	3229155	33.82%	7.050%
8	7.187	487	490	492	rBV	3148929	3233258	33.86%	7.059%
9	7.896	550	552	555	rBV	1204306	1237862	12.96%	2.703%
10	8.730	623	625	629	rVB2	55857	118012	1.24%	0.258%
11	8.982	644	647	649	rBV	4957570	5117806	53.60%	11.174%
12	9.325	672	677	680	rBV3	58444	109858	1.15%	0.240%
13	9.382	680	682	683	rVV	156106	146742	1.54%	0.320%
14	9.428	683	686	691	rVB3	72027	188856	1.98%	0.412%
15	9.645	702	705	707	rBV	1408695	1394687	14.61%	3.045%
16	9.679	707	708	711	rVB	169844	135167	1.42%	0.295%
17	10.090	740	744	746	rVB	114676	123361	1.29%	0.269%
18	10.250	756	758	761	rBV	179951	245680	2.57%	0.536%
19	10.433	772	774	777	rBV2	2599585	3203253	33.55%	6.994%
20	10.559	783	785	789	rVB	198894	241428	2.53%	0.527%
21	10.765	801	803	806	rVB3	92910	97181	1.02%	0.212%
22	11.119	832	834	837	rBV	1126948	1275923	13.36%	2.786%
23	11.668	881	882	887	rBV2	68202	113747	1.19%	0.248%
24	12.548	956	959	961	rVB2	119907	141845	1.49%	0.310%
25	12.708	970	973	976	rBV	3620621	4549776	47.65%	9.934%
26	13.748	1062	1064	1067	rBV	1072237	1019803	10.68%	2.227%
27	15.108	1180	1183	1190	rBV	719400	819004	8.58%	1.788%

Sum of corrected areas: 45801000

LSC Report - Integrated Chromatogram

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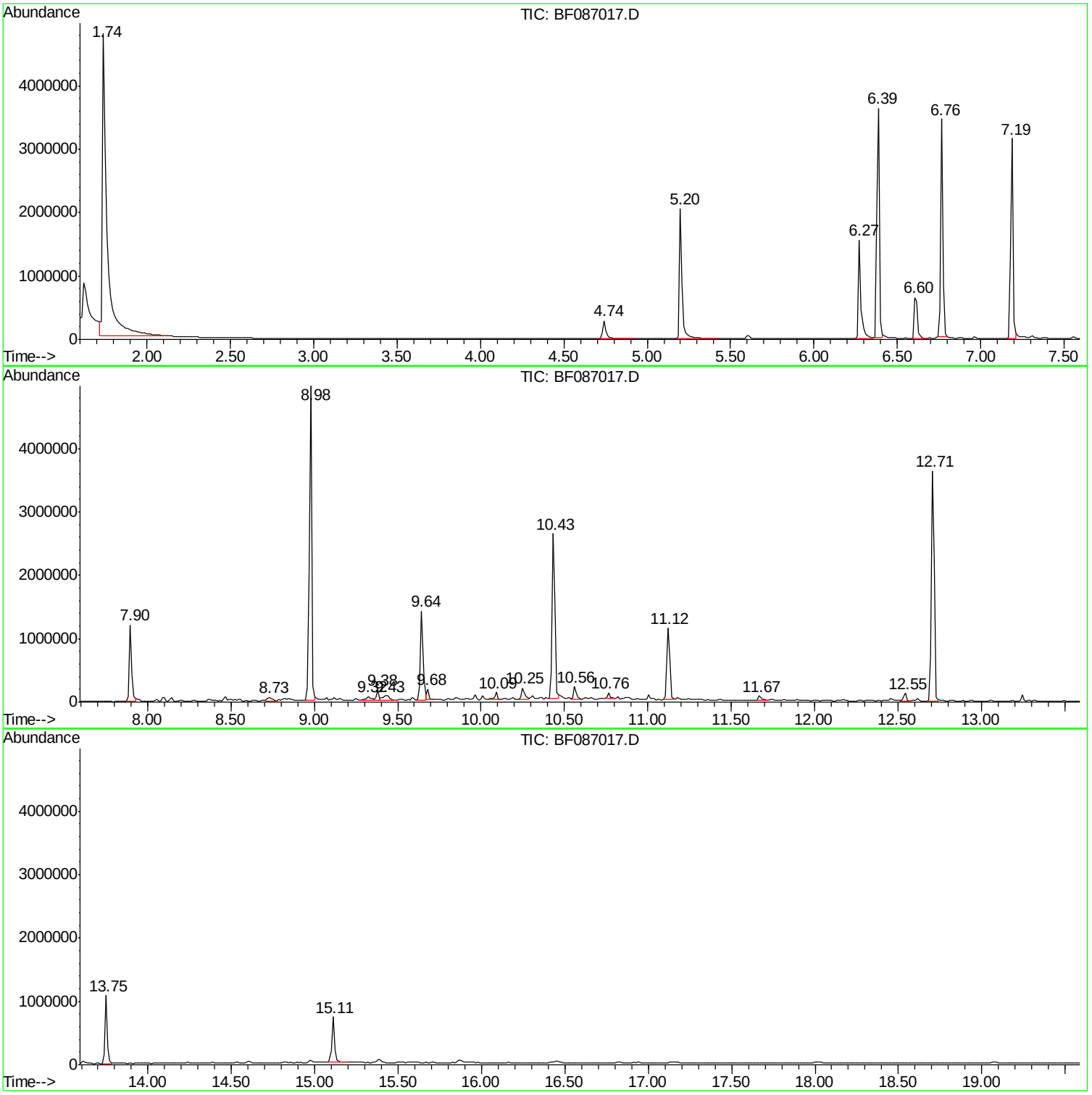
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C2-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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\BF051316\
Data File : BF087017.D
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Operator : UM/SJ
Sample : H2990-02
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ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C2-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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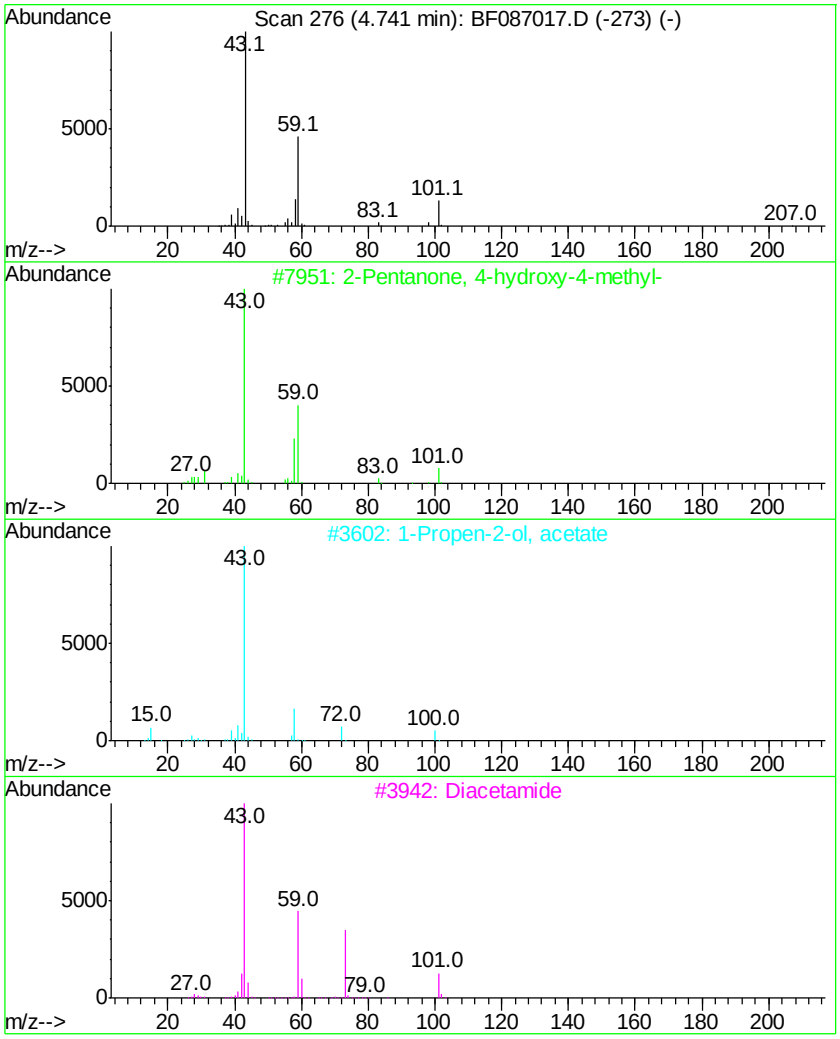
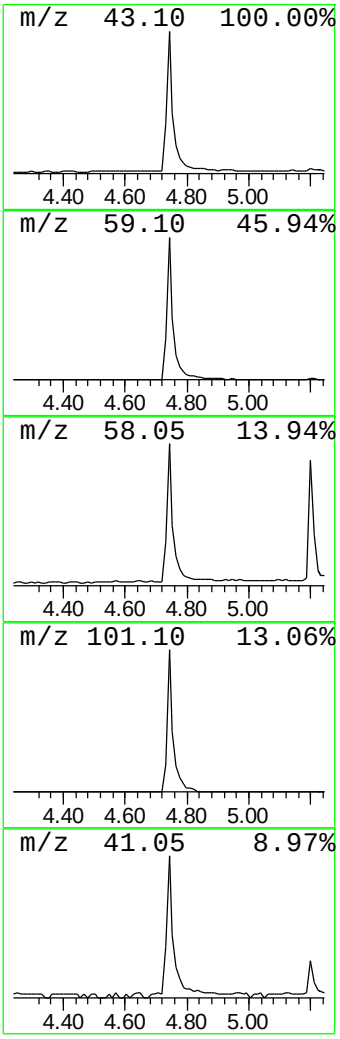
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	9.32 ng	435053	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	Diacetamide	101	C4H7NO2	000625-77-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	5-Aminovaleric acid	117	C5H11NO2	000660-88-8	9





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Operator : UM/SJ
Sample : H2990-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C2-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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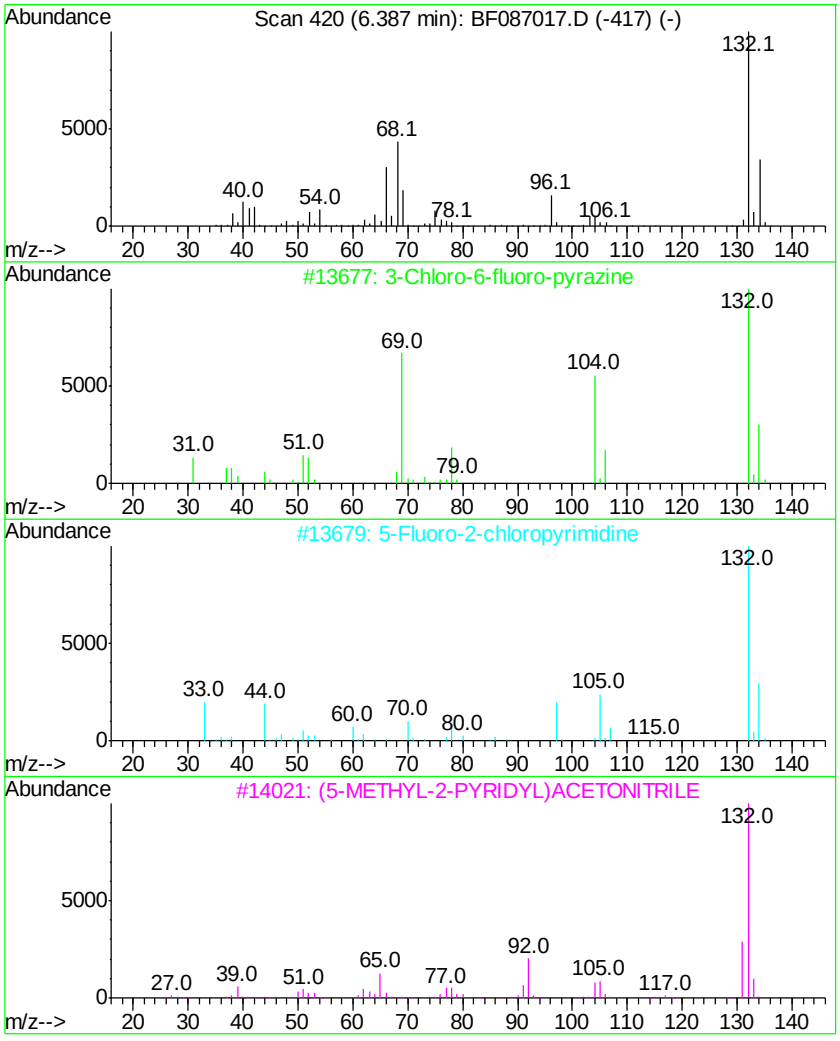
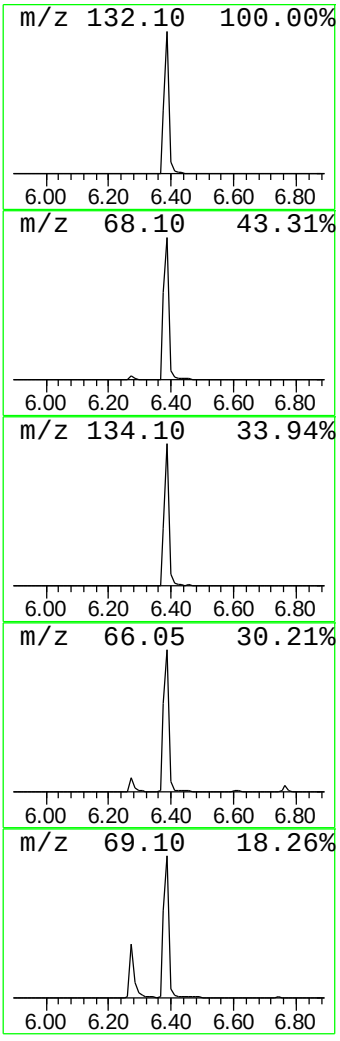
Peak Number 3 unknown6.39 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	87.22 ng	4073080	1,4-Dichlorobenzene-d4	6.62

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-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Operator : UM/SJ
Sample : H2990-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C2-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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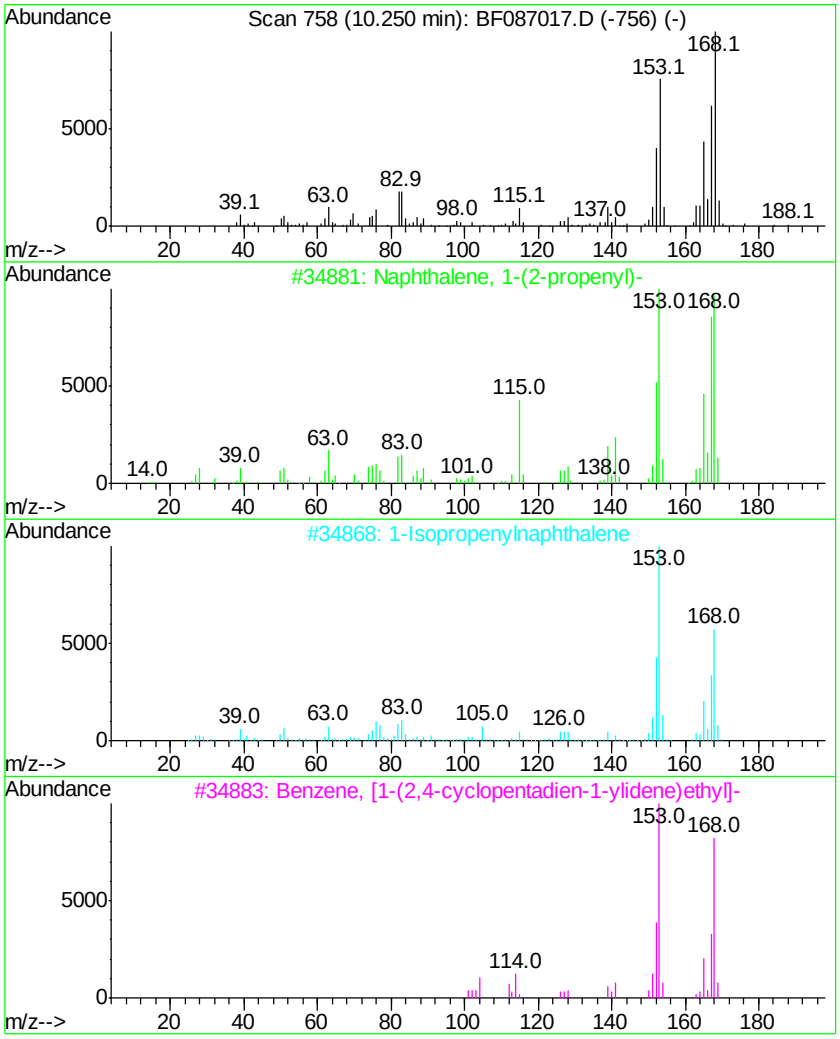
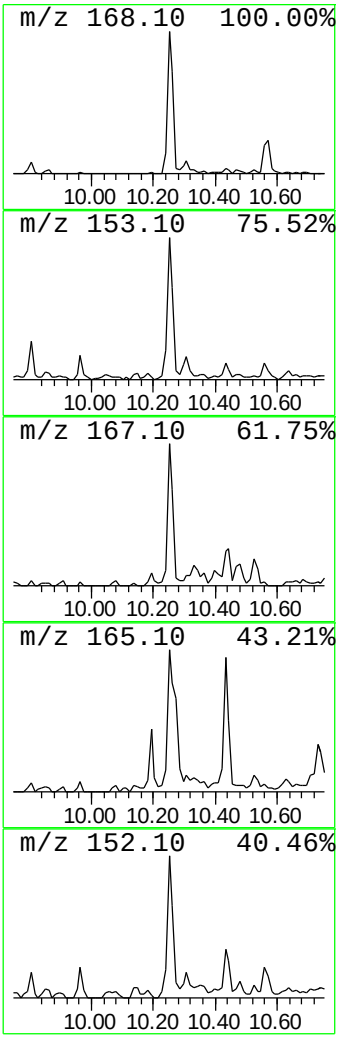
Peak Number 5 Naphthalene, 1-(2-propenyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	3.52 ng	245680	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	91
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	81
3	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	64
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	62
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	52





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
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Sample : H2990-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C2-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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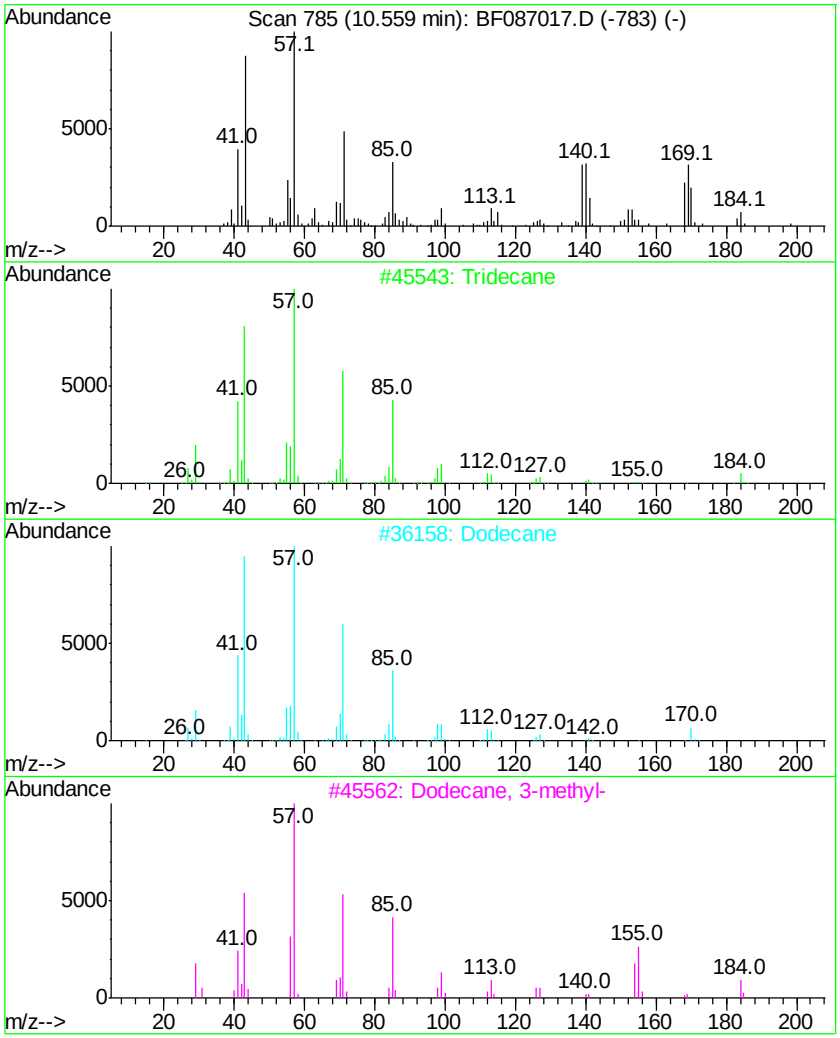
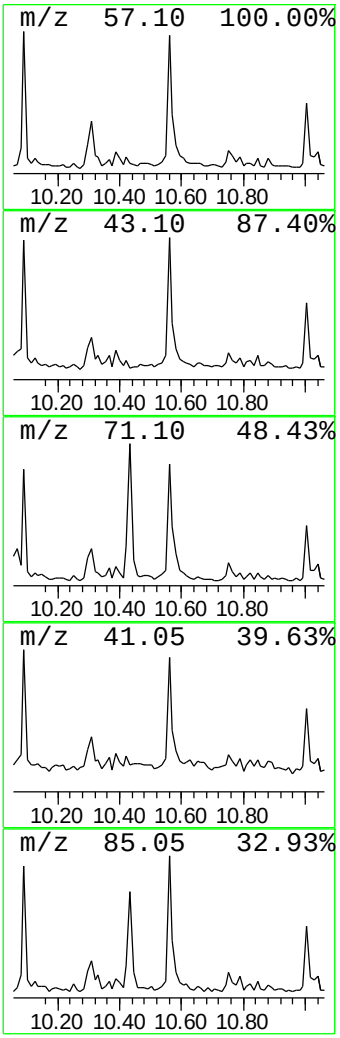
Peak Number 6 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	3.78 ng	241428	Phenanthrene-d10	11.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	51
2	Dodecane	170	C12H26	000112-40-3	50
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	38
4	Eicosane	282	C20H42	000112-95-8	38
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	30





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Operator : UM/SJ
Sample : H2990-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C2-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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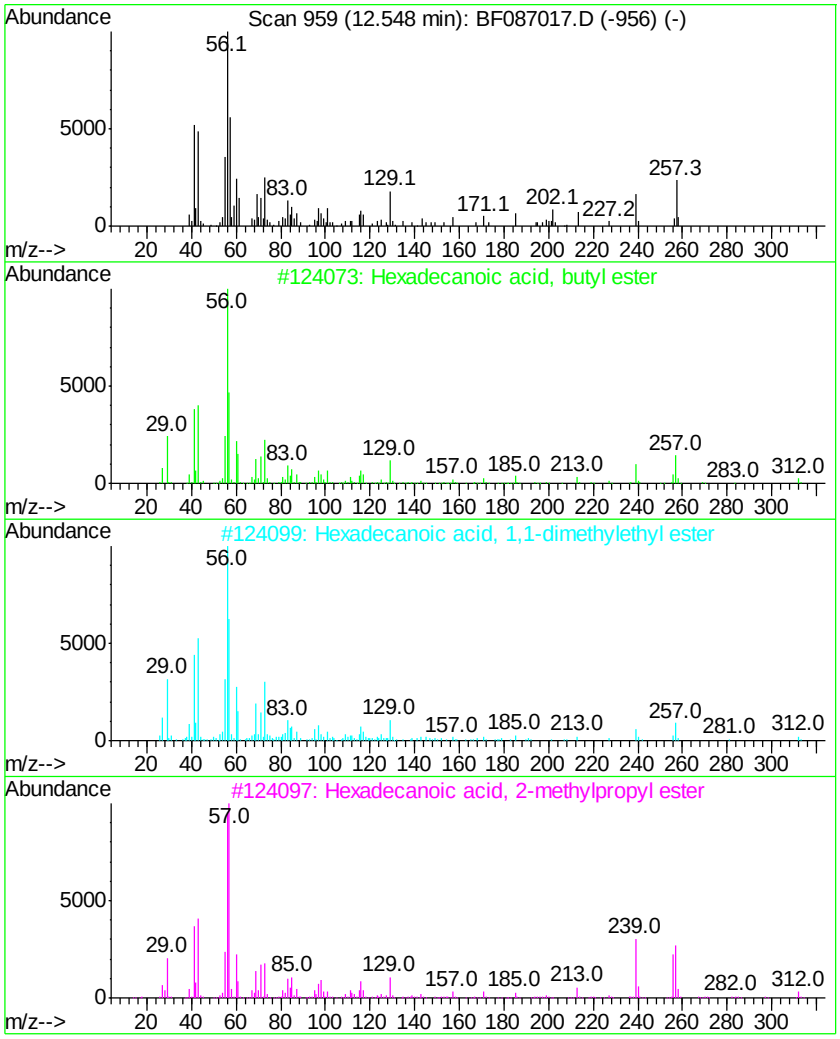
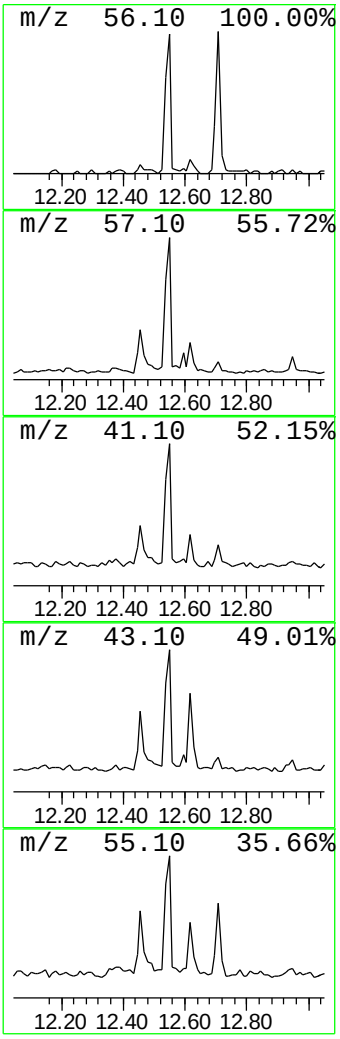
Peak Number 7 Hexadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	2.78 ng	141845	Chrysene-d12	13.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	86
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	80
4	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	37
5	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	35





Tentatively Identified Compound (LSC) summary

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ClientSampleId : OWL-C2-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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...	4.74	9.3	ng	435053	1	6.62	933942	20.0
unknown6.39	6.39	87.2	ng	4073080	1	6.62	933942	20.0
Naphthalene, 1-(2...	10.25	3.5	ng	245680	3	9.64	1394690	20.0
Tridecane	10.56	3.8	ng	241428	4	11.12	1275920	20.0
Hexadecanoic acid...	12.55	2.8	ng	141845	5	13.75	1019800	20.0