LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083973.D
Acq On : 19 Dec 2015 23:54
Operator : UM/SJ
Sample : G4823-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9879-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-BF121815.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	2.590	33	44	45	rBV3	7199	32967	1.14%	0.156%
2	3.470	118	121	126	rBV	52554	97233	3.35%	0.461%
3	4.407	200	203	206	rBV	913624	1190278	41.05%	5.649%
4	5.059	257	260	267	rVB	310023	481443	16.60%	2.285%
5	5.482	294	297	299	rBV	2052887	2038859	70.31%	9.676%
6	6.499	383	386	389	rBV	1471114	1530694	52.79%	7.264%
7	6.625	395	397	400	rBV	2076163	2016100	69.53%	9.568%
8	6.853	414	417	419	rBV	367942	397542	13.71%	1.887%
9	7.002	428	430	433	rBV	1245750	1659114	57.22%	7.874%
10	7.413	463	466	468	rBV	1088153	1072949	37.00%	5.092%
11	8.133	526	529	533	rBV2	591886	774915	26.72%	3.677%
12	8.842	589	591	594	rVB	82882	75769	2.61%	0.360%
13	8.945	597	600	602	rVB	48810	45147	1.56%	0.214%
14	9.208	620	623	626	rBV	2632804	2569573	88.61%	12.194%
15	9.813	673	676	680	rBV	31399	51992	1.79%	0.247%
16	9.882	680	682	684	rVV	625004	586482	20.23%	2.783%
17	9.916	684	685	687	rVB	122916	88794	3.06%	0.421%
18	10.088	698	700	703	rVB	58689	49221	1.70%	0.234%
19	10.431	728	730	732	rVB	64935	52409	1.81%	0.249%
20	10.671	748	751	754	rBV2	1419393	1648257	56.84%	7.822%
21	11.368	810	812	813	rBV	637349	543705	18.75%	2.580%
22	11.391	813	814	816	rVB	52051	37453	1.29%	0.178%
23	12.076	872	874	878	rBV2	21736	31127	1.07%	0.148%
24	12.774	933	935	937	rBV	119311	103790	3.58%	0.493%
25	12.957	948	951	953	rBV	2638663	2899717	100.00%	13.761%
26	13.482	994	997	999	rBV	81056	80087	2.76%	0.380%
27	13.997	1040	1042	1045	rBV	449987	527190	18.18%	2.502%
28	15.437	1165	1168	1174	rBV	282459	389186	13.42%	1.847%

Sum of corrected areas: 21071993

LSC Report - Integrated Chromatogram

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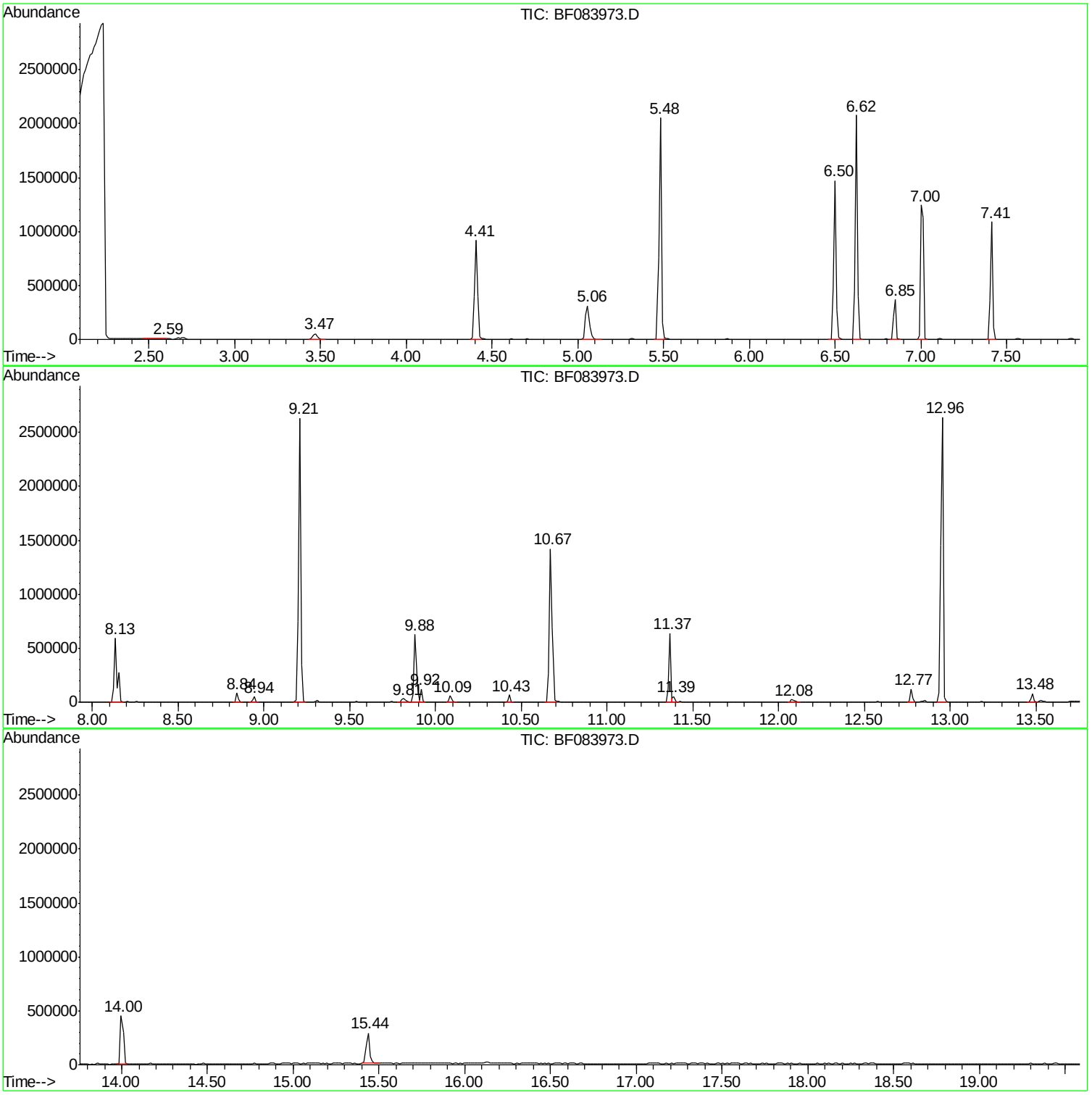
Sample : G4823-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9879-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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\BF122015\
Data File : BF083973.D
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Sample : G4823-03
Misc :
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Instrument : BNA_F
ClientSampleId : LAR-9879-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

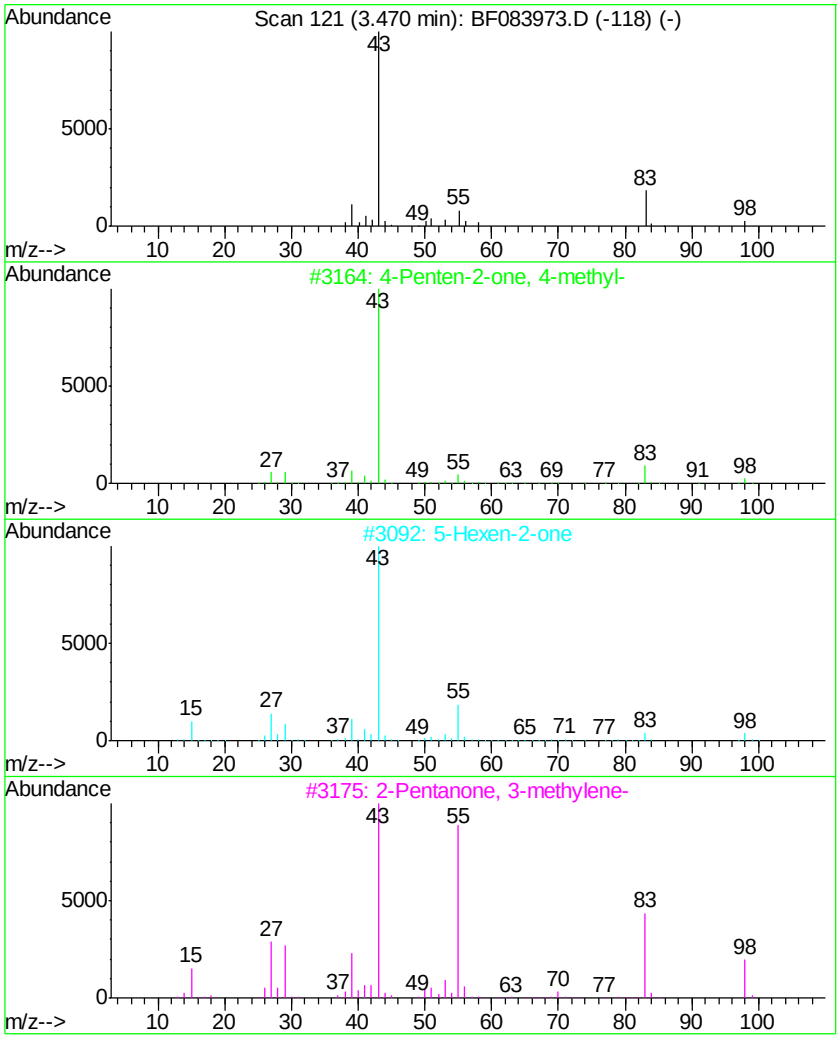
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

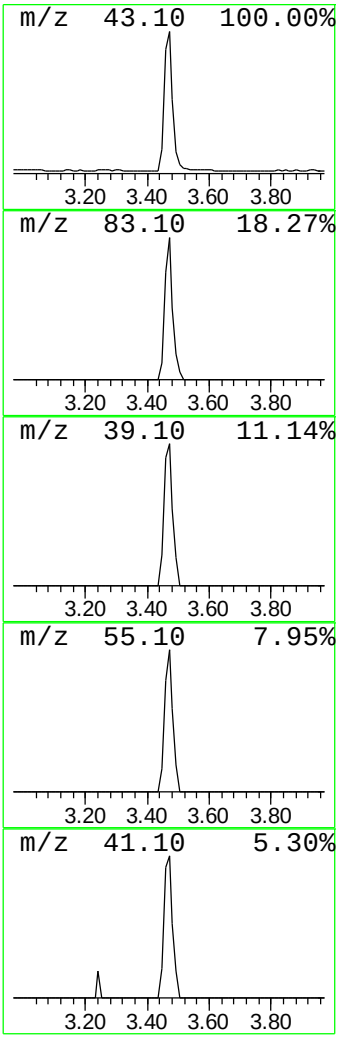
****

Peak Number 1 4-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.47	4.89 ng	97233	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	64
2	5-Hexen-2-one	98	C6H10O	000109-49-9	47
3	2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	23
4	Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	9
5	Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	9





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Acq On : 19 Dec 2015 23:54
Operator : UM/SJ
Sample : G4823-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9879-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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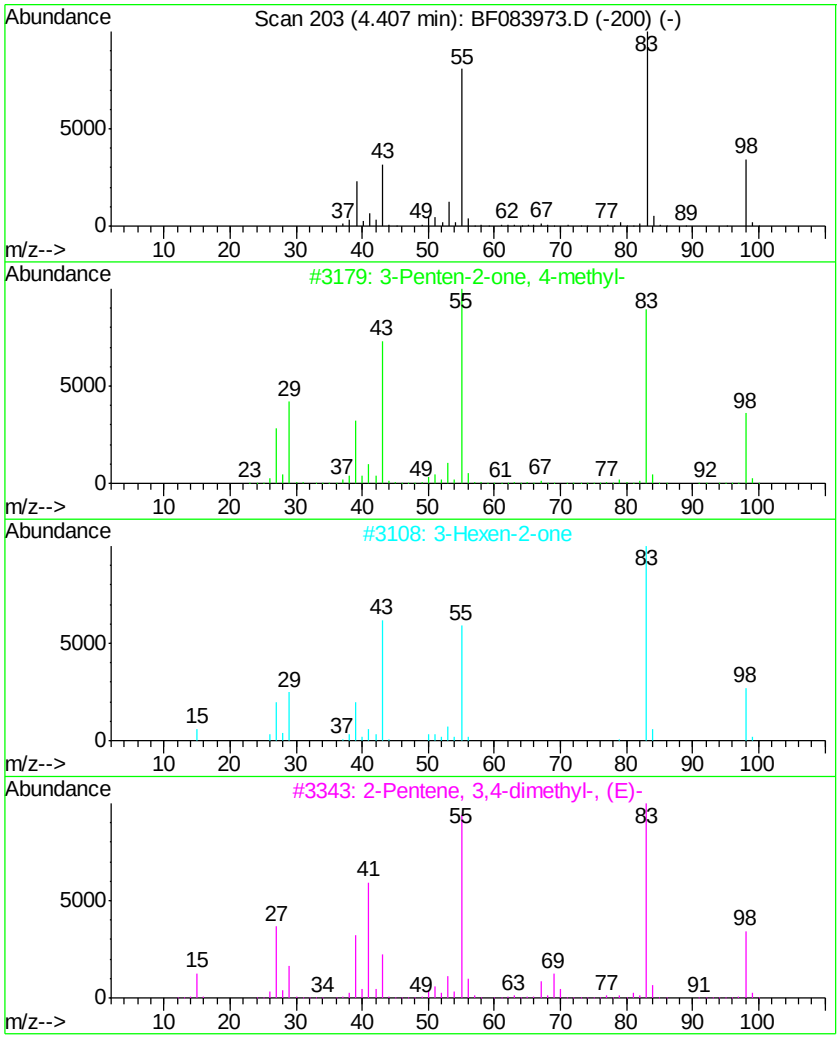
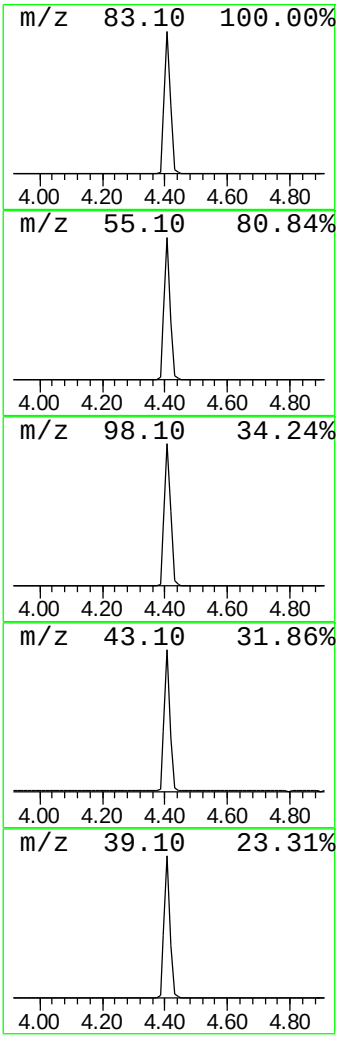
Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.41	59.88 ng	1190280	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083973.D
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Operator : UM/SJ
Sample : G4823-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9879-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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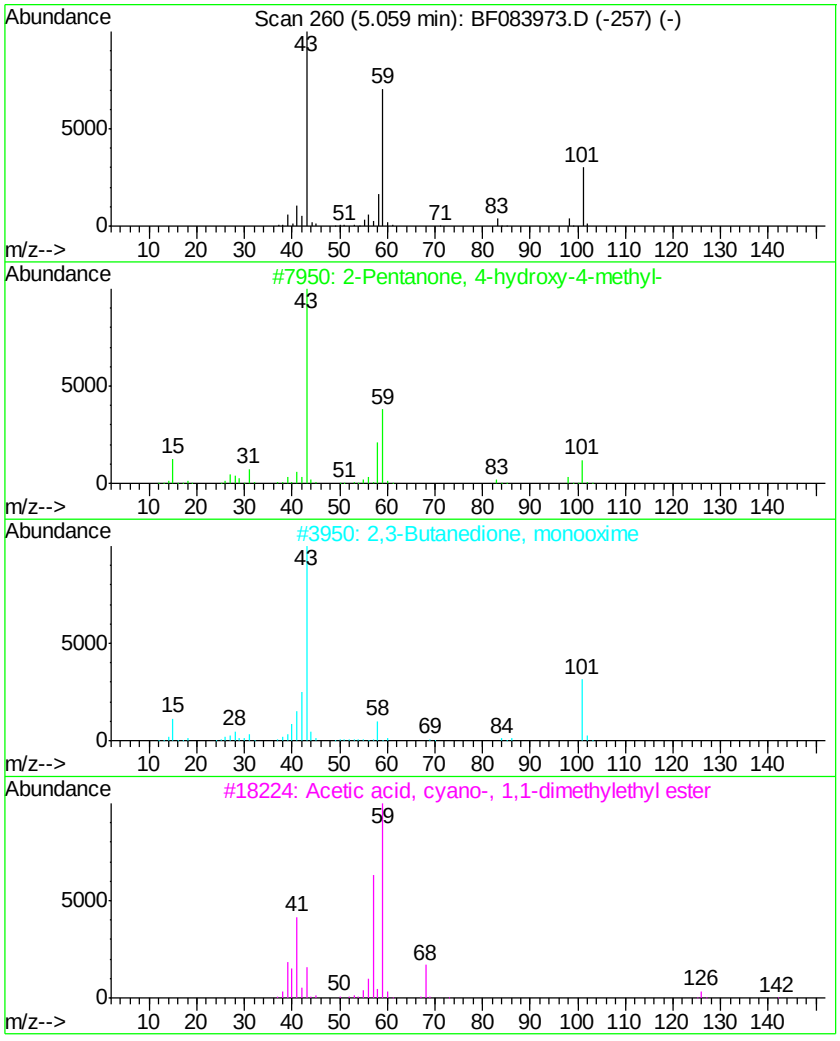
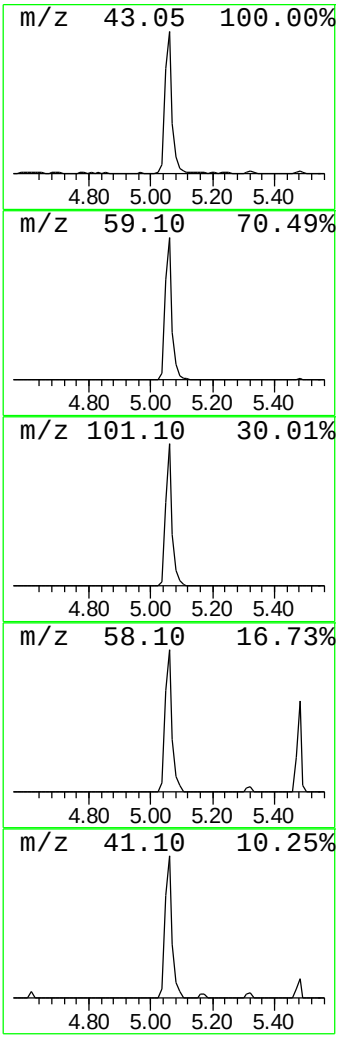
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	24.22 ng	481443	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	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
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Sample : G4823-03
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Instrument : BNA_F
ClientSampleId : LAR-9879-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
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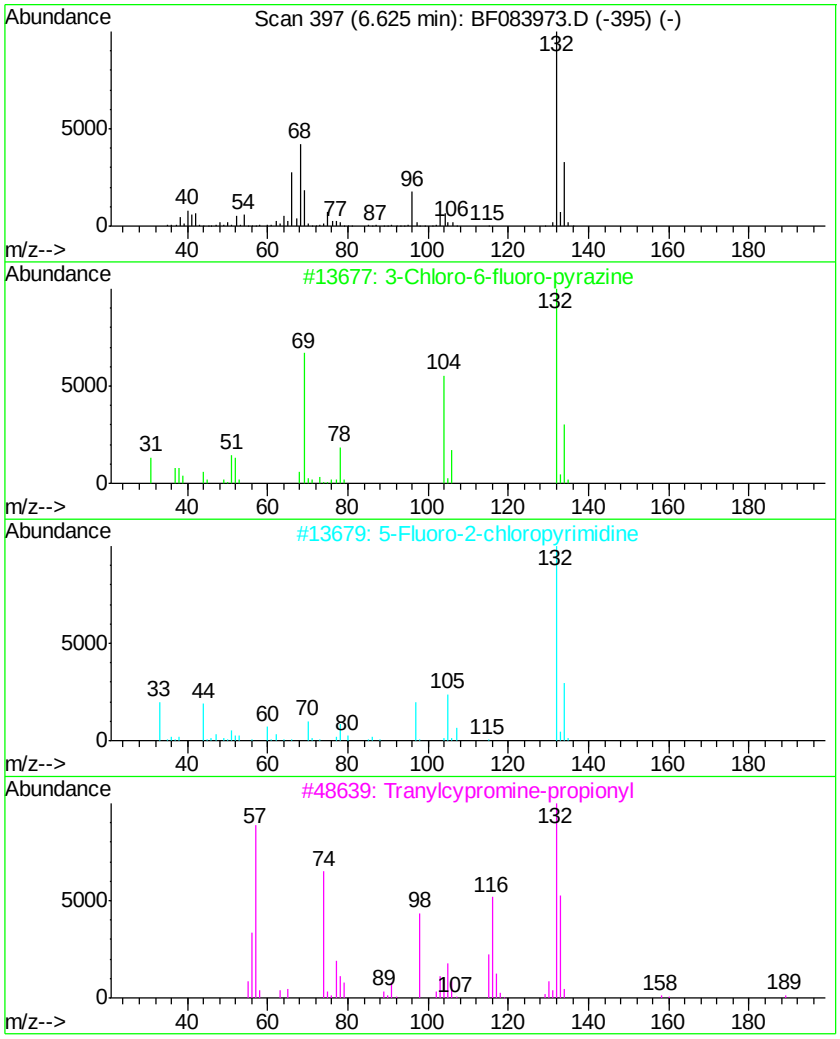
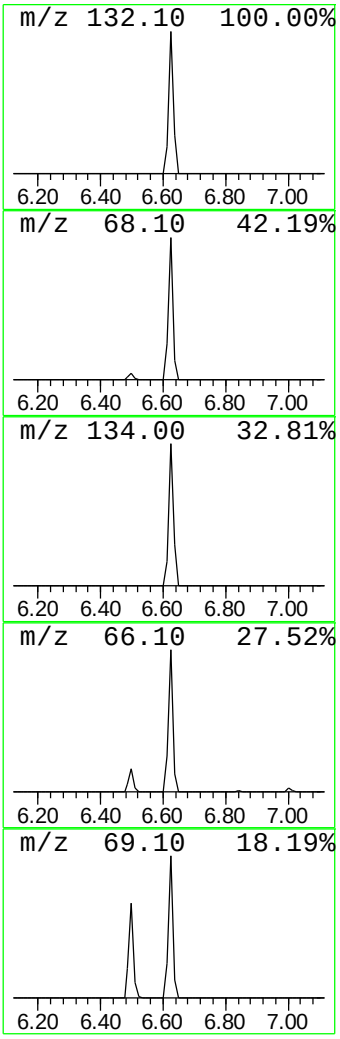
Peak Number 4 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	101.43 ng	2016100	1,4-Dichlorobenzene-d4	6.85

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	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Operator : UM/SJ
Sample : G4823-03
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Instrument : BNA_F
ClientSampleId : LAR-9879-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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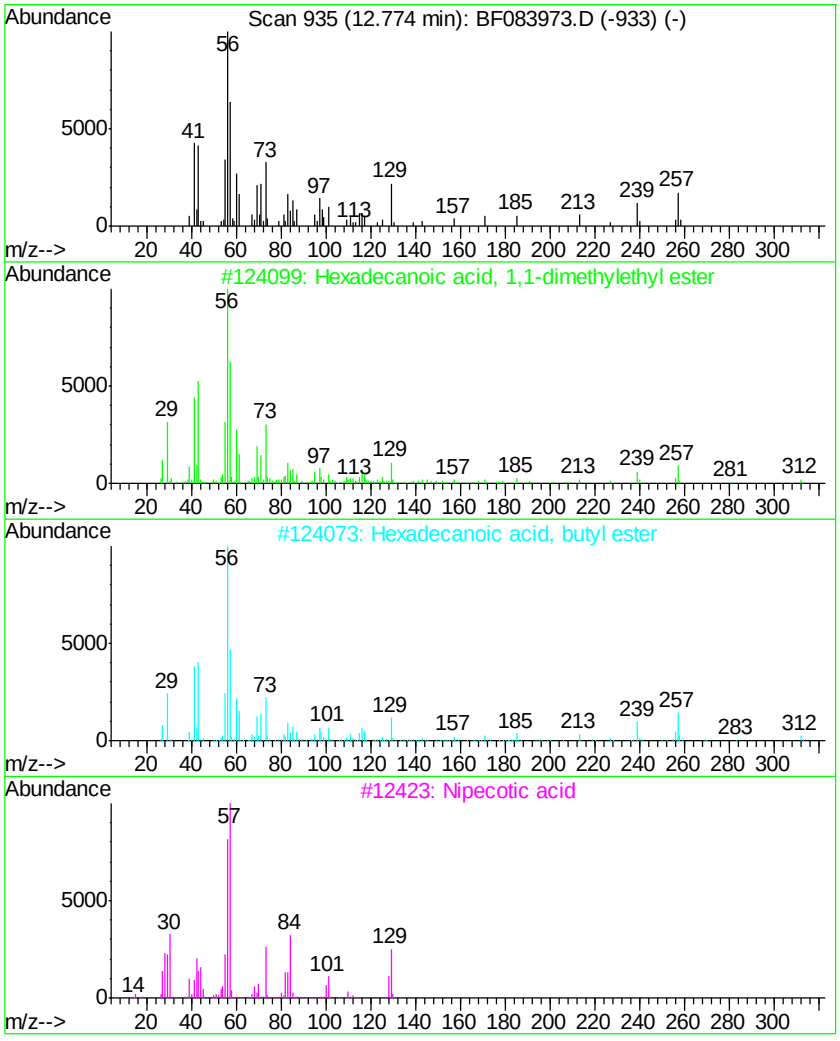
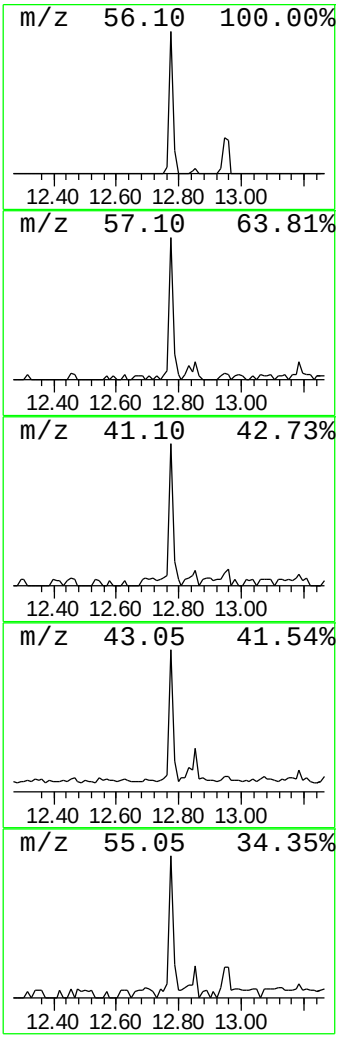
****

Peak Number 6 Hexadecanoic acid, 1,1-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	3.94 ng	103790	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	83
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	83
3	Nipecotic acid	129	C6H11NO2	000498-95-3	37
4	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	32
5	Cyclohexanol, 4-amino-, trans-	115	C6H13NO	027489-62-9	30





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ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9879-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
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TIC Integration Parameters: LSCINT.P

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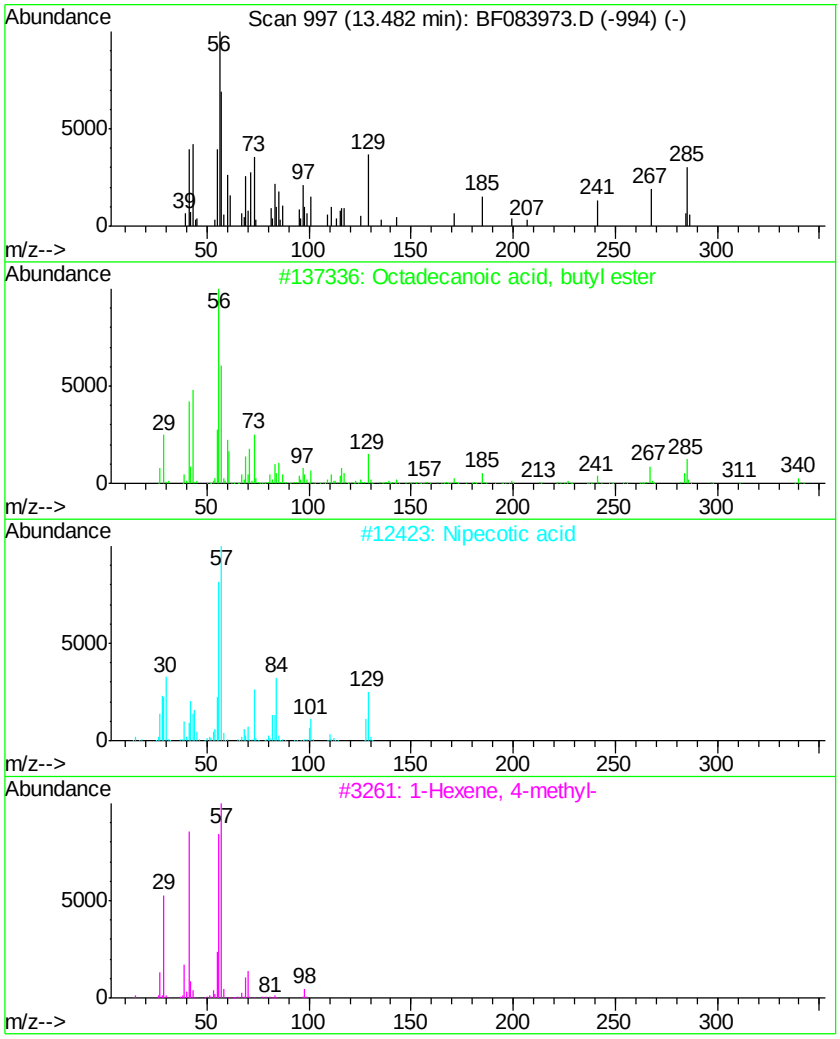
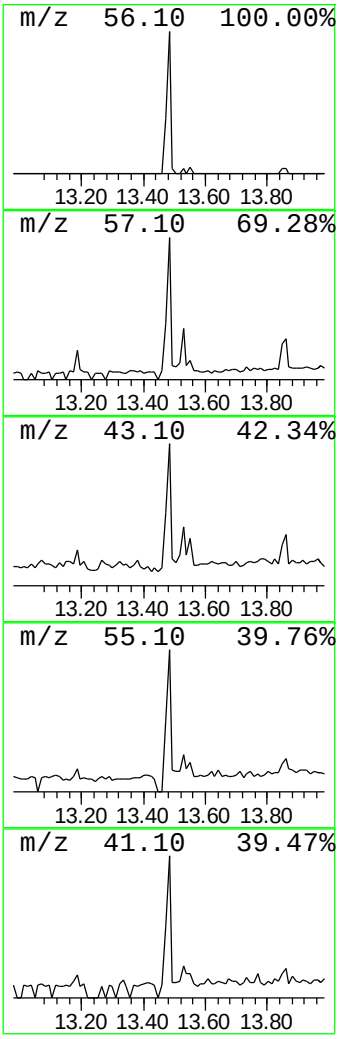
Peak Number 7 Octadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	3.04 ng	80087	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	78
2	Nipecotic acid	129	C6H11NO2	000498-95-3	37
3	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	25
4	1-Heptene, 2-pentyl-	168	C12H24	017799-46-1	25
5	1-Pentadecene, 2-methyl-	224	C16H32	029833-69-0	25





Tentatively Identified Compound (LSC) summary

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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
4-Penten-2-one, 4...	3.47	4.9	ng	97233	1	6.85	397542	20.0
3-Penten-2-one, 4...	4.41	59.9	ng	1190280	1	6.85	397542	20.0
2-Pentanone, 4-hy...	5.06	24.2	ng	481443	1	6.85	397542	20.0
unknown6.62	6.62	101.4	ng	2016100	1	6.85	397542	20.0
Hexadecanoic acid...	12.77	3.9	ng	103790	5	14.00	527190	20.0
Octadecanoic acid...	13.48	3.0	ng	80087	5	14.00	527190	20.0