LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086869.D
Acq On : 10 May 2016 19:42
Operator : UM/SJ
Sample : H2917-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SES-CS-EF-Q2

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	4.121	175	178	181	rBV	2461884	3487463	66.16%	9.519%
2	4.841	237	241	243	rBV	2468383	3854985	73.14%	10.523%
3	5.276	278	279	299	rBV	516883	966043	18.33%	2.637%
4	5.676	312	314	322	rVB	808689	759244	14.40%	2.072%
5	6.350	371	373	380	rBV	304670	535013	10.15%	1.460%
6	6.453	380	382	389	rVV	1701111	1851817	35.13%	5.055%
7	6.681	400	402	408	rBV	1059157	973367	18.47%	2.657%
8	6.841	413	416	418	rBV	2821786	2738672	51.96%	7.476%
9	7.253	450	452	455	rBV	1986948	2064619	39.17%	5.636%
10	7.973	512	515	517	rBV	1223018	1150026	21.82%	3.139%
11	9.047	607	609	612	rBV	3475496	3297233	62.55%	9.000%
12	9.447	642	644	648	rVB2	43445	54134	1.03%	0.148%
13	9.665	661	663	665	rBV	65106	64960	1.23%	0.177%
14	9.722	665	668	670	rBV	1175362	1102107	20.91%	3.008%
15	10.156	704	706	708	rVB	117379	98318	1.87%	0.268%
16	10.373	723	725	729	rBV	34732	61461	1.17%	0.168%
17	10.510	734	737	739	rBV	925239	1170250	22.20%	3.194%
18	10.625	746	747	752	rBV	91471	134703	2.56%	0.368%
19	11.196	795	797	800	rBV	986970	872790	16.56%	2.382%
20	11.745	842	845	850	rBV	154849	216809	4.11%	0.592%
21	12.476	903	909	911	rBV3	25491	75331	1.43%	0.206%
22	12.522	911	913	920	rVB	28799	53999	1.02%	0.147%
23	12.785	933	936	938	rBV	2335576	2779094	52.72%	7.586%
24	13.699	1013	1016	1020	rBV2	29554	54839	1.04%	0.150%
25	13.825	1024	1027	1029	rBV	836434	828071	15.71%	2.260%
26	14.271	1056	1066	1083	rVB	1210401	5271053	100.00%	14.388%
27	15.197	1144	1147	1153	rBV	567080	712815	13.52%	1.946%
28	15.517	1171	1175	1185	rVB3	75328	317340	6.02%	0.866%
29	16.054	1212	1222	1224	rBV2	223535	1088706	20.65%	2.972%

Sum of corrected areas: 36635262

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086869.D
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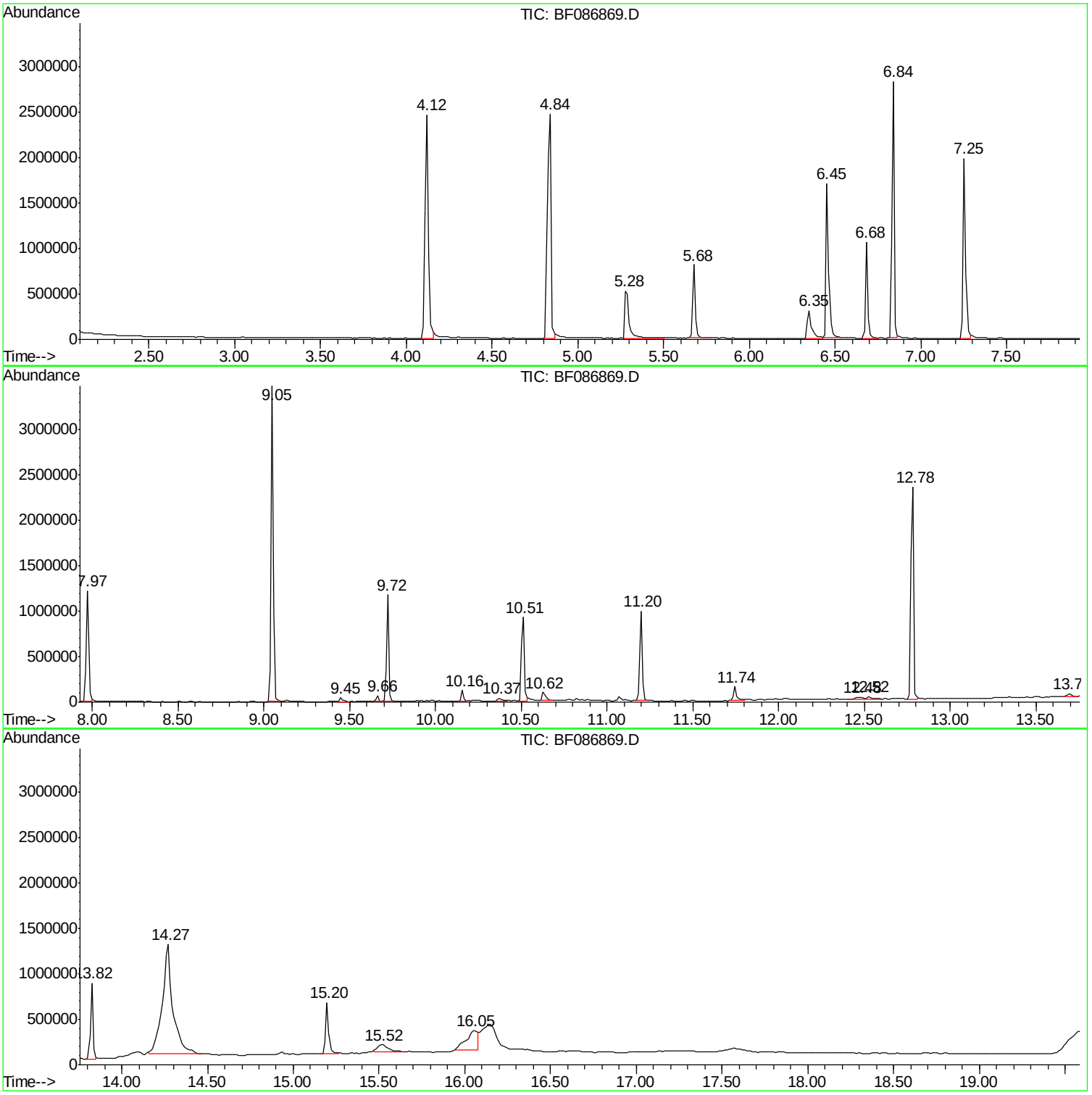
Operator : UM/SJ
Sample : H2917-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SES-CS-EF-Q2

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



Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : SES-CS-EF-Q2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

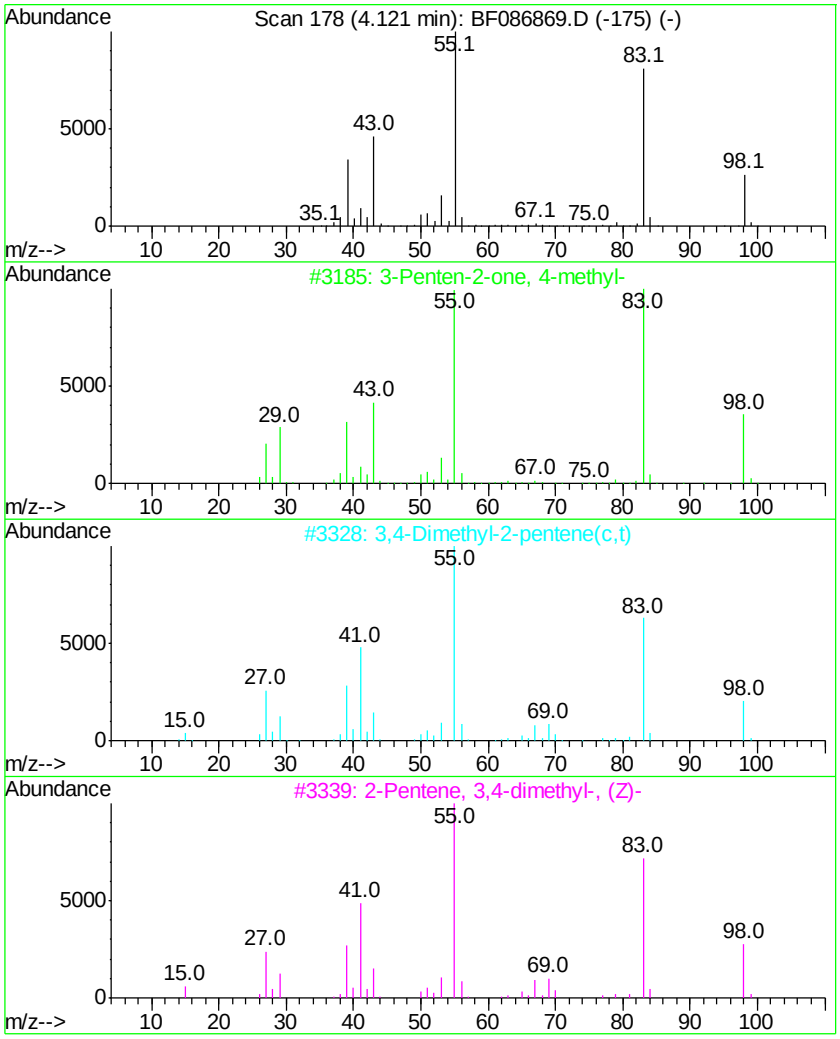
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

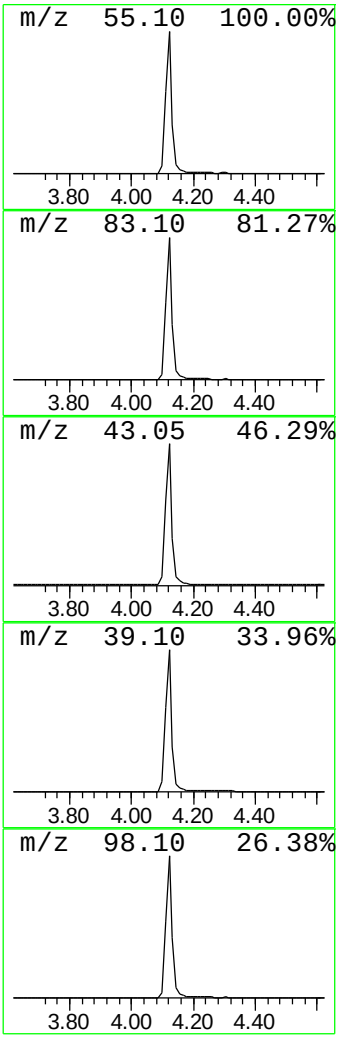
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.12	71.66 ng	3487460	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
2	3,4-Dimethyl-2-pentene(c,t)	98	C7H14	1000118-16-5	86
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
4	3-Hexen-2-one	98	C6H10O	000763-93-9	80
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	78





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Sample : H2917-01
Misc :
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Instrument : BNA_F
ClientSampleId : SES-CS-EF-Q2

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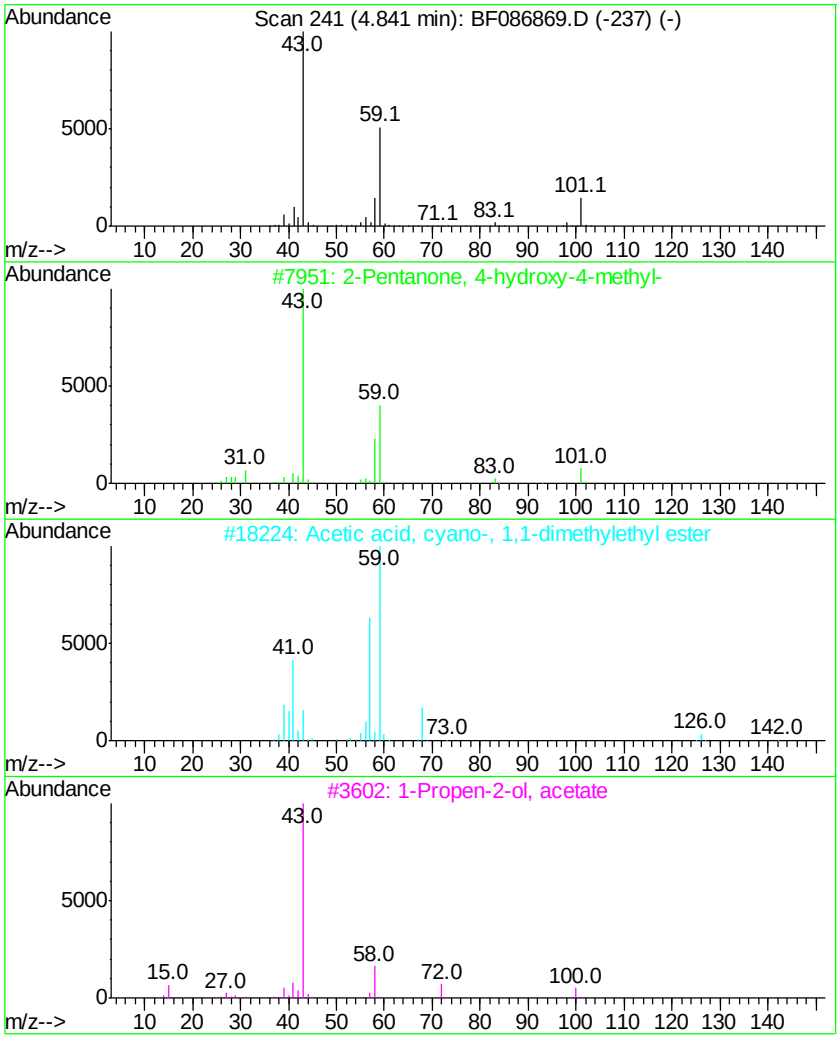
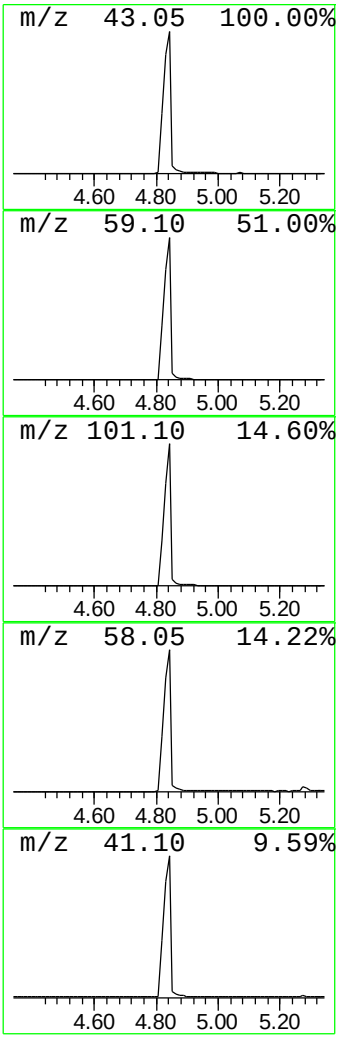
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	79.21 ng	3854990	1,4-Dichlorobenzene-d4	6.68

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	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Acetic acid, 2-propenyl ester	100	C5H8O2	000591-87-7	9





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Sample : H2917-01
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Instrument : BNA_F
ClientSampleId : SES-CS-EF-Q2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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TIC Library : C:\DATABASE\NIST02.L
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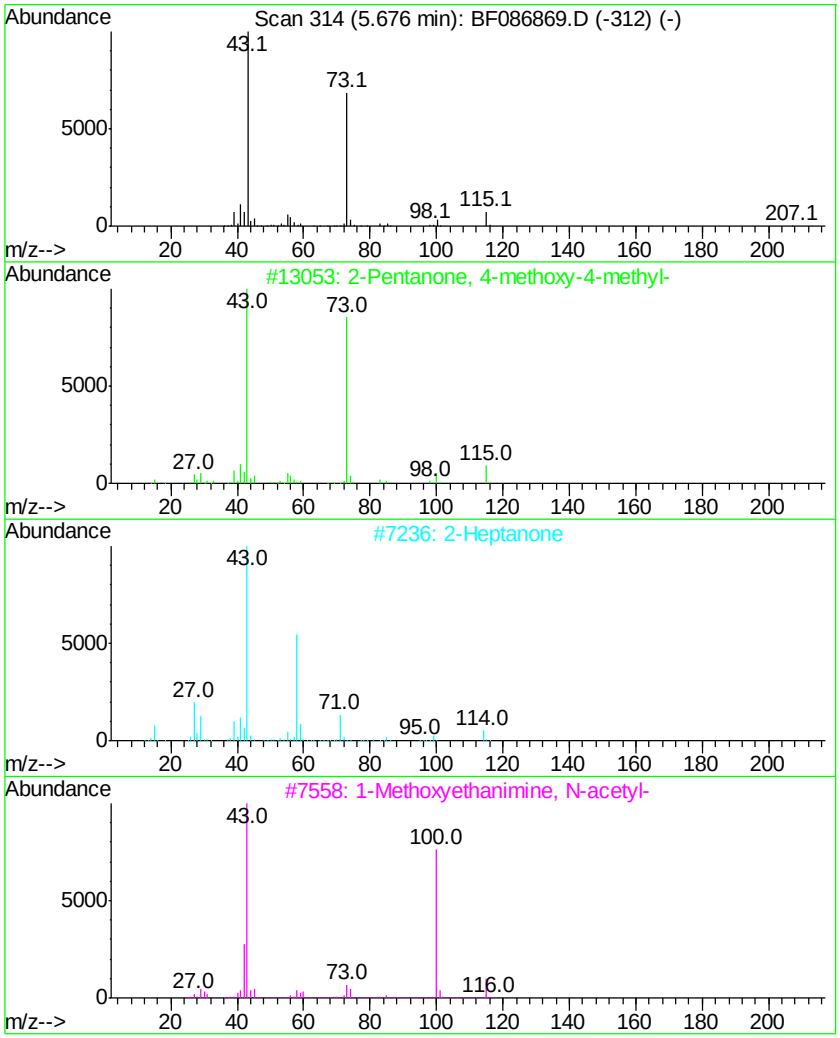
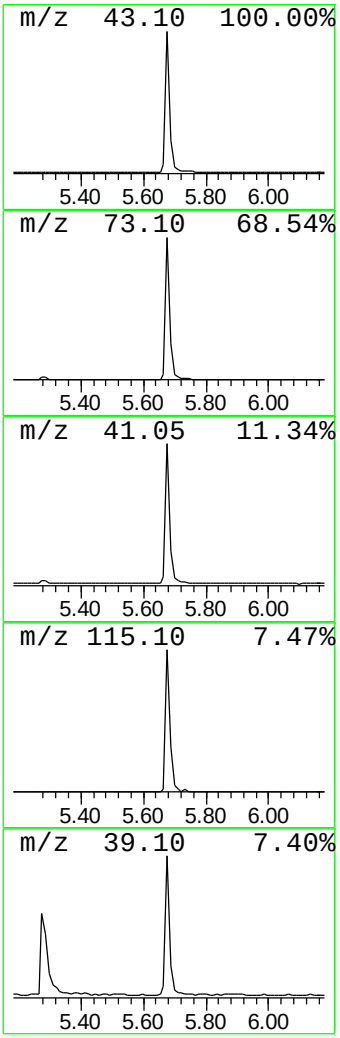
****

Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.68	15.60 ng	759244	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	64
2	2-Heptanone	114	C7H14O	000110-43-0	17
3	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	17
4	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	16
5	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	12





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Instrument : BNA_F
ClientSampleId : SES-CS-EF-Q2

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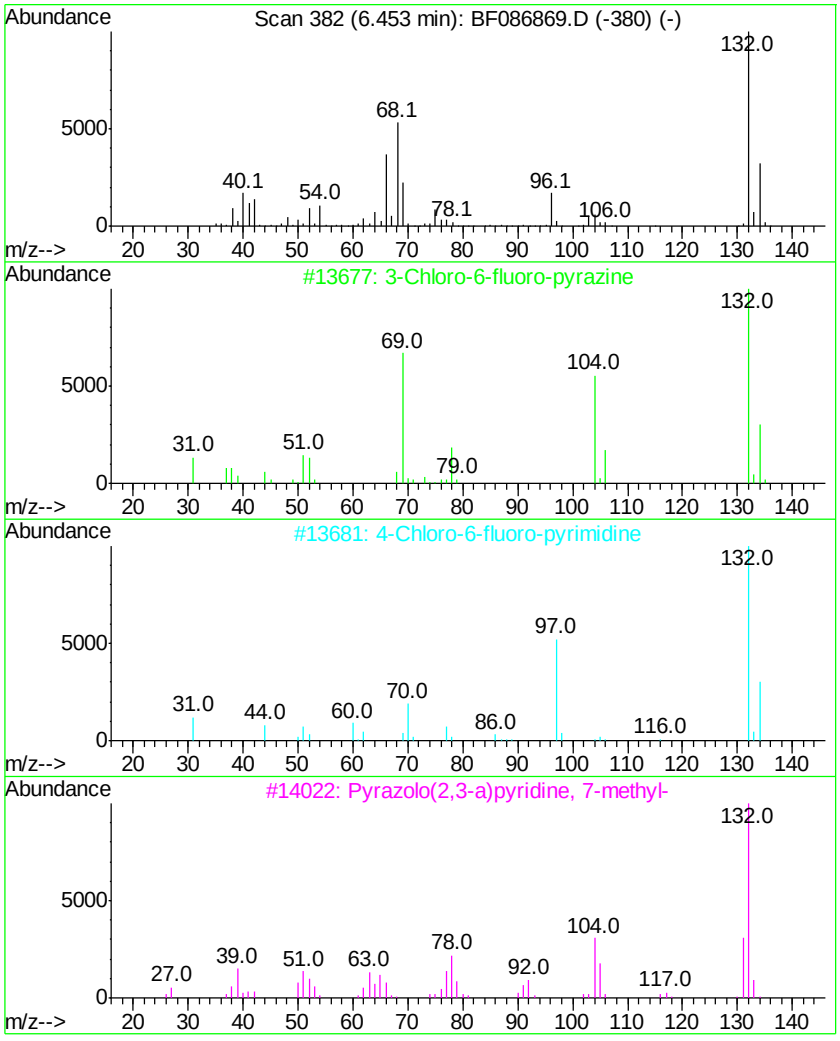
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

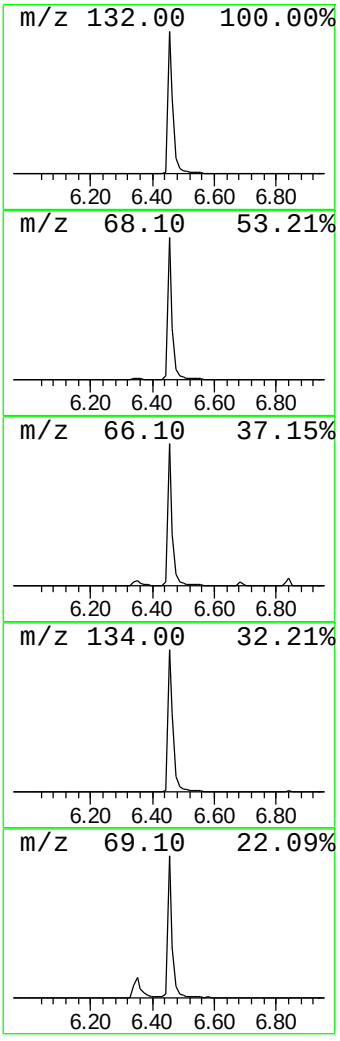
****

Peak Number 4 unknown6.45 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	38.05 ng	1851820	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22





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Instrument : BNA_F
ClientSampleId : SES-CS-EF-Q2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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TIC Library : C:\DATABASE\NIST02.L
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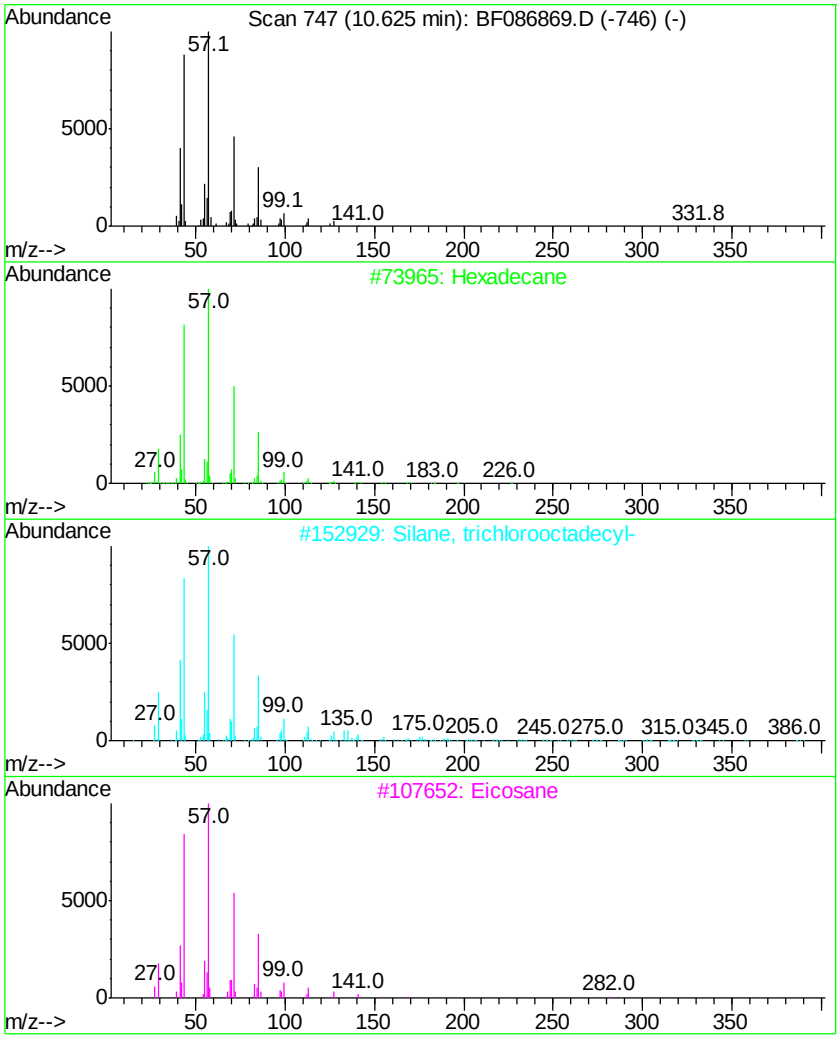
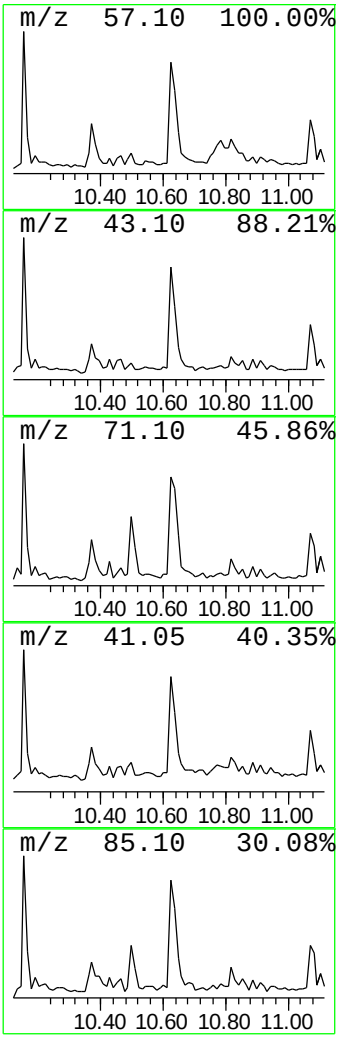
****

Peak Number 6 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	3.09 ng	134703	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Octadecane	254	C18H38	000593-45-3	86





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Instrument : BNA_F
ClientSampleId : SES-CS-EF-Q2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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TIC Library : C:\DATABASE\NIST02.L
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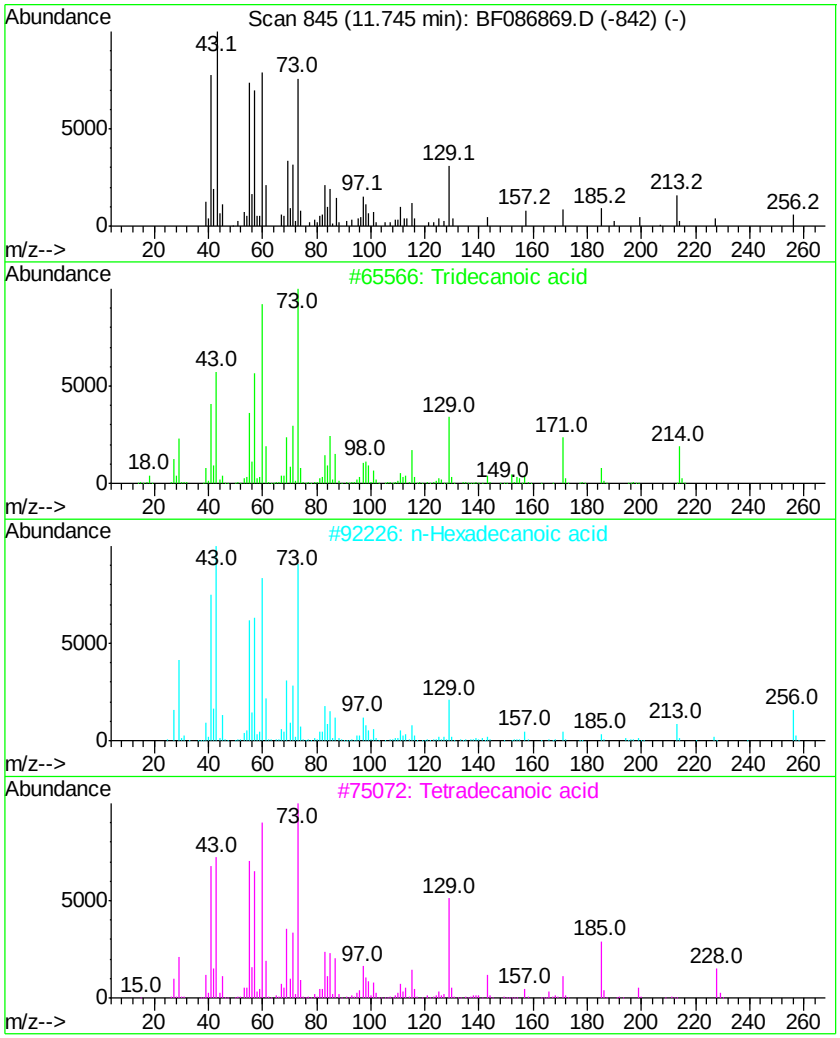
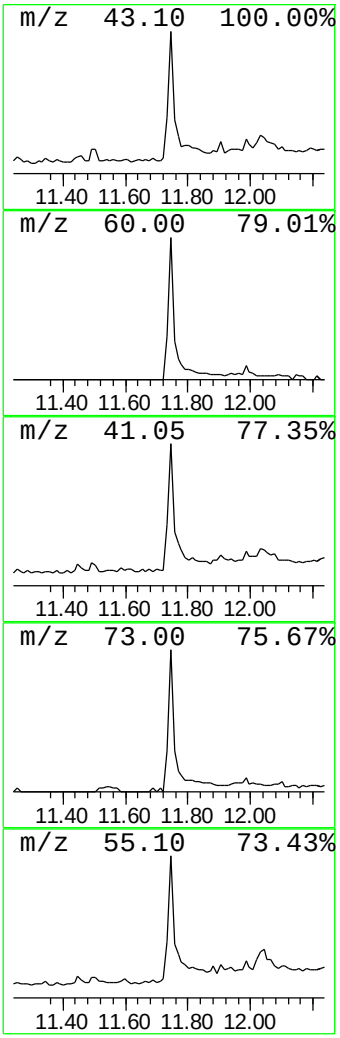
****

Peak Number 7 Tridecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	4.97 ng	216809	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	87
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	43





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Instrument : BNA_F
ClientSampleId : SES-CS-EF-Q2

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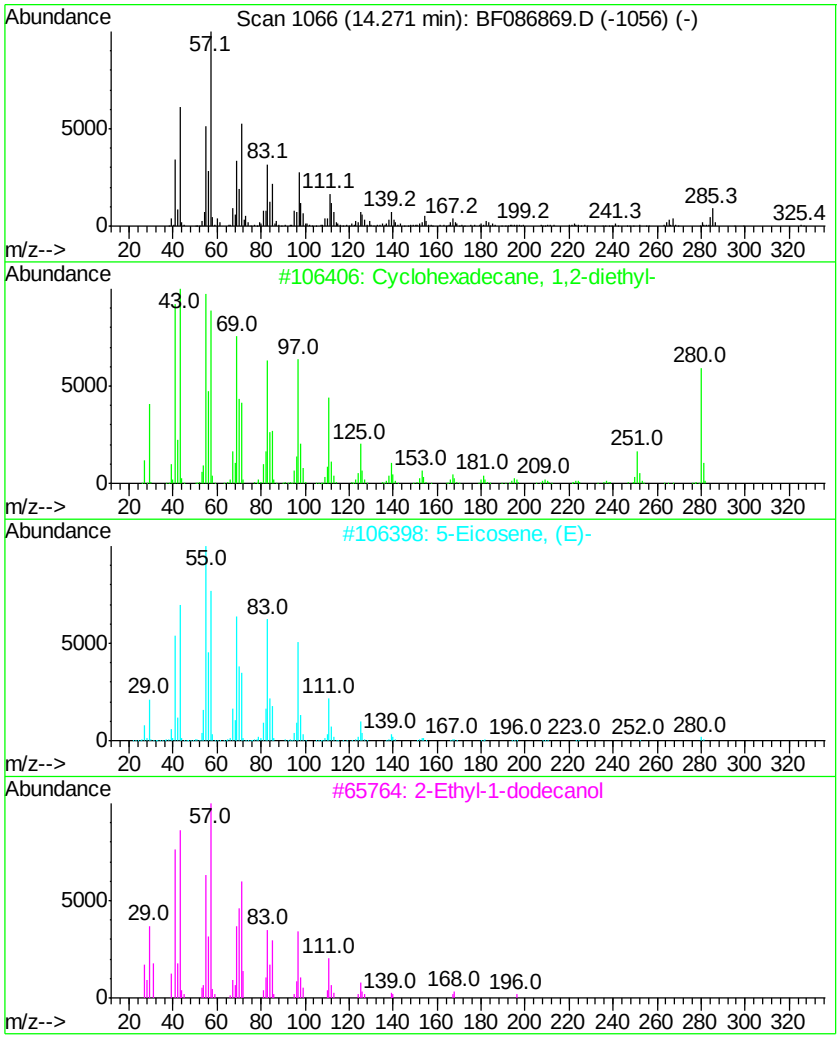
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

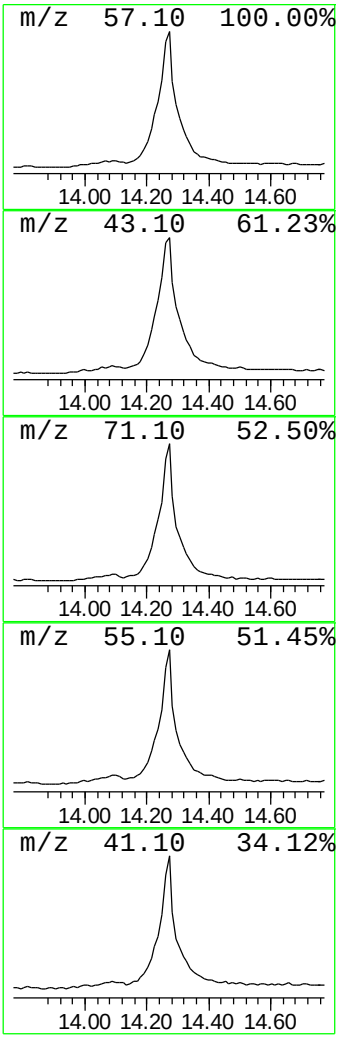
****

Peak Number 8 Cyclohexadecane, 1,2-diethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	127.31 ng	5271050	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	92
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	87
3	2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	80
4	Cycloeicosane	280	C20H40	000296-56-0	70
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	68





Library Search Compound Report

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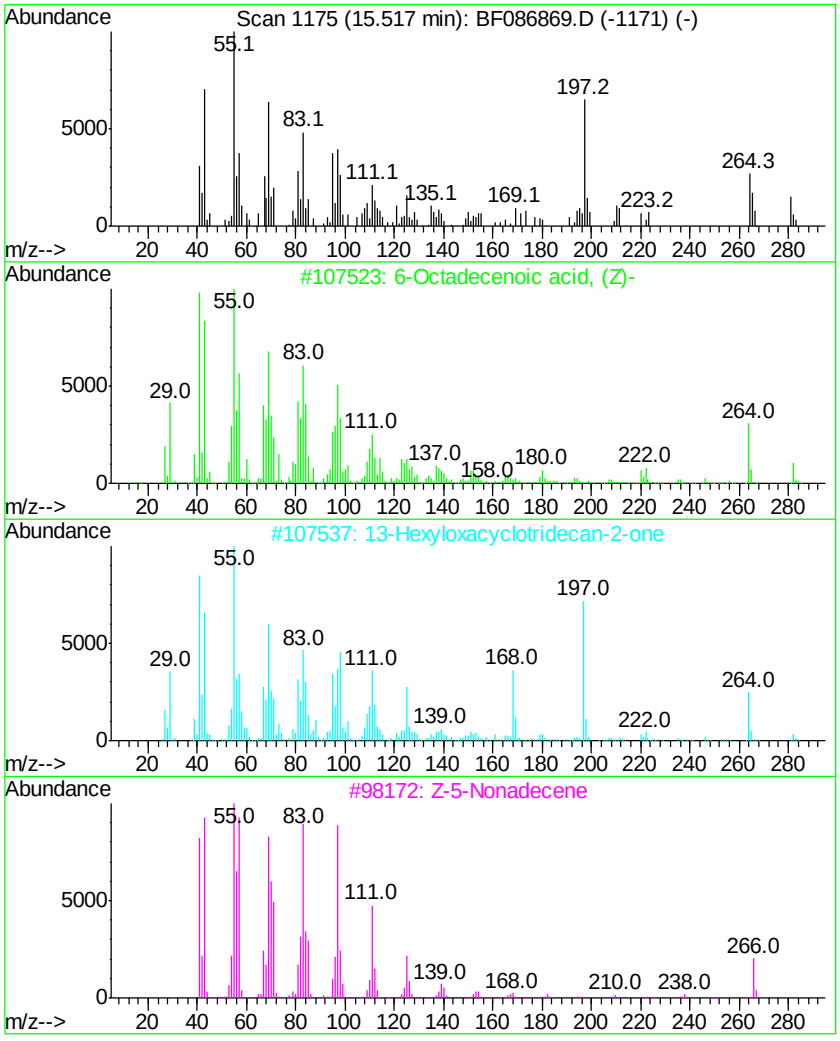
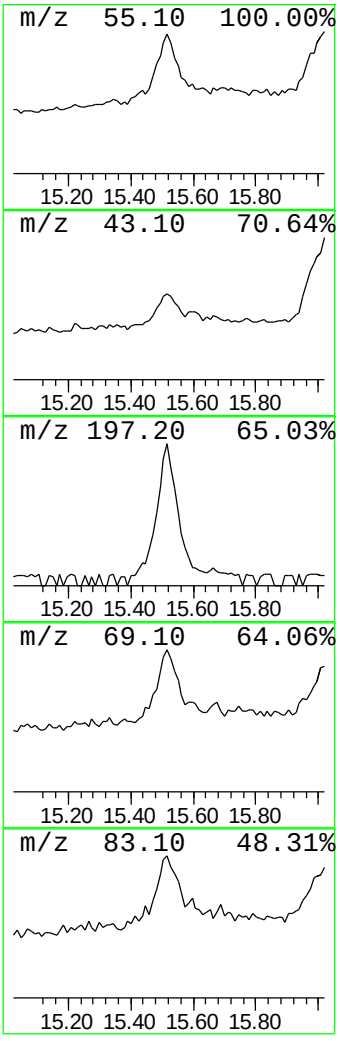
****

Peak Number 9 6-Octadecenoic acid, (Z)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	8.90 ng	317340	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	55
2	13-Hexyloxacyclotridecan-2-one	282	C18H34O2	000673-02-9	52
3	Z-5-Nonadecene	266	C19H38	1000131-11-8	49
4	Oleic Acid	282	C18H34O2	000112-80-1	46
5	9-Nonadecene	266	C19H38	031035-07-1	45





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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

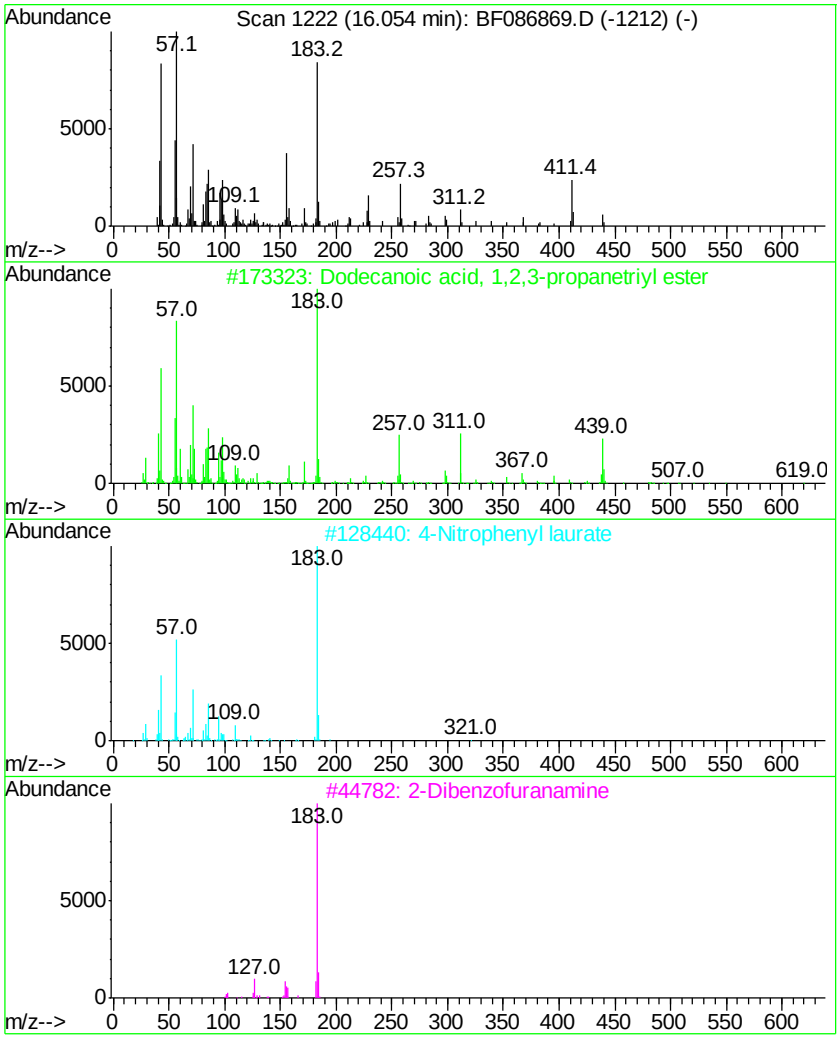
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

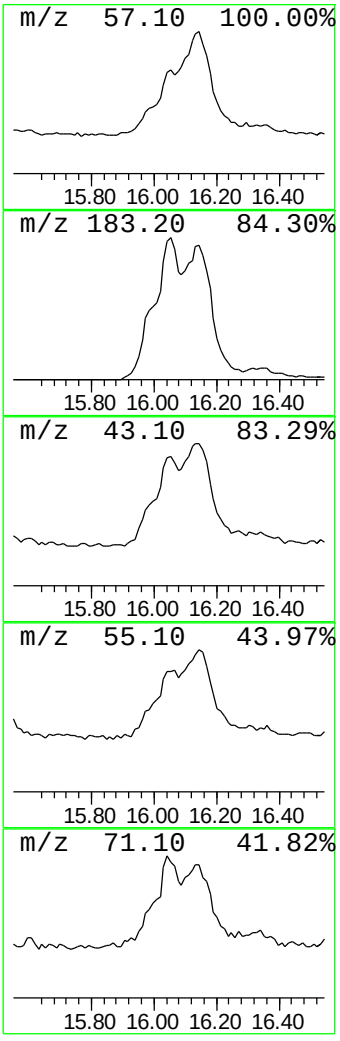
****

Peak Number 10 Dodecanoic acid, 1,2,3-prop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	30.55 ng	1088710	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid, 1,2,3-propanetr...	639	C39H74O6	000538-24-9	81
2	4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	49
3	2-Dibenzofuranamine	183	C12H9NO	003693-22-9	47
4	Dodecanoic acid, ethenyl ester	226	C14H26O2	002146-71-6	46
5	Pyrido[2,3-b]indole, 6-amino-	183	C11H9N3	006453-26-5	38





Tentatively Identified Compound (LSC) summary

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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...	4.12	71.7	ng	3487460	1	6.68	973367	20.0
2-Pentanone, 4-hy...	4.84	79.2	ng	3854990	1	6.68	973367	20.0
2-Pentanone, 4-me...	5.68	15.6	ng	759244	1	6.68	973367	20.0
unknown6.45	6.45	38.0	ng	1851820	1	6.68	973367	20.0
Hexadecane	10.62	3.1	ng	134703	4	11.20	872790	20.0
Tridecanoic acid	11.74	5.0	ng	216809	4	11.20	872790	20.0
Cyclohexadecane, ...	14.27	127.3	ng	5271050	5	13.82	828071	20.0
6-Octadecenoic ac...	15.52	8.9	ng	317340	6	15.20	712815	20.0
Dodecanoic acid, ...	16.05	30.6	ng	1088710	6	15.20	712815	20.0