LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085690.D
Acq On : 23 Mar 2016 6:56
Operator : UM/SJ
Sample : H1857-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01(13-15)

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-BF031816.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	5.018	236	239	255	rBV	677919	1102508	27.13%	3.313%
2	5.441	273	276	278	rBV	2996610	3431473	84.44%	10.313%
3	5.841	308	311	313	rBV	86624	107049	2.63%	0.322%
4	6.470	363	366	369	rBV	2625461	3193315	78.58%	9.597%
5	6.607	375	378	380	rBV	2647604	3682893	90.62%	11.068%
6	6.836	395	398	400	rBV	629105	737218	18.14%	2.216%
7	6.984	409	411	414	rBV	2390957	2743432	67.51%	8.245%
8	7.396	444	447	450	rBV	1949570	2253605	55.45%	6.773%
9	8.116	507	510	512	rBV	1237594	1054760	25.95%	3.170%
10	9.190	601	604	607	rBV	3053762	4063902	100.00%	12.214%
11	9.590	637	639	641	rBV	702917	668372	16.45%	2.009%
12	9.807	655	658	660	rBV	56789	74900	1.84%	0.225%
13	9.865	661	663	666	rVB2	1039085	1080154	26.58%	3.246%
14	10.299	699	701	703	rVB	153088	130124	3.20%	0.391%
15	10.516	717	720	724	rBV	48758	89127	2.19%	0.268%
16	10.665	729	733	735	rBV2	1779765	2539886	62.50%	7.633%
17	10.768	741	742	749	rVB	119081	188671	4.64%	0.567%
18	11.225	780	782	783	rBV	52228	65833	1.62%	0.198%
19	11.350	791	793	795	rBV	1230223	1058075	26.04%	3.180%
20	11.876	837	839	845	rBV2	90707	124588	3.07%	0.374%
21	12.756	914	916	918	rBV	46781	41456	1.02%	0.125%
22	12.939	929	932	934	rBV	2757162	3279164	80.69%	9.855%
23	13.831	1008	1010	1019	rBV	177142	270974	6.67%	0.814%
24	13.979	1021	1023	1026	rVB	759022	671736	16.53%	2.019%
25	15.397	1144	1147	1150	rBV	504879	620552	15.27%	1.865%

Sum of corrected areas: 33273767

LSC Report - Integrated Chromatogram

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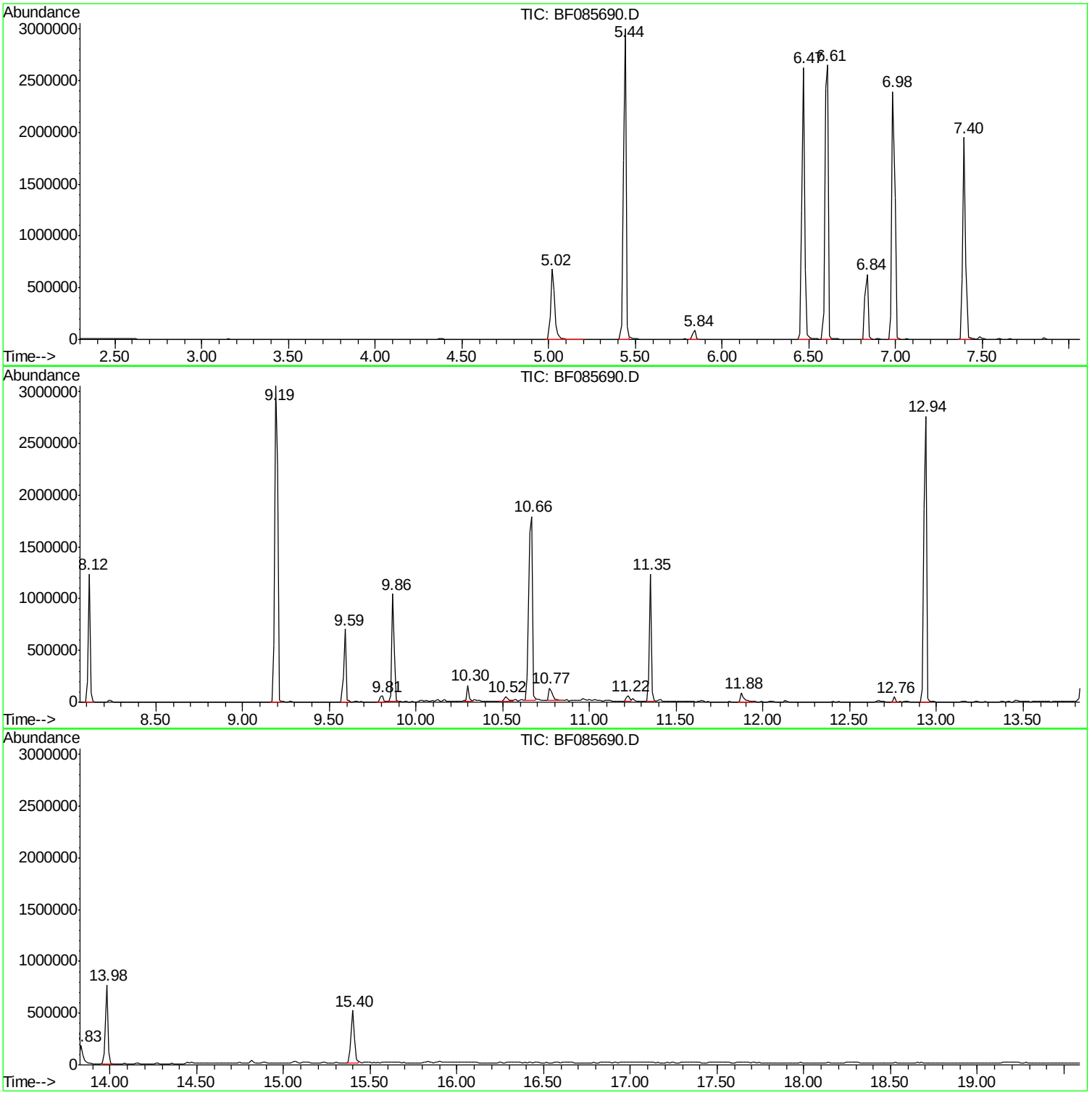
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01(13-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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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Data File : BF085690.D
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Operator : UM/SJ
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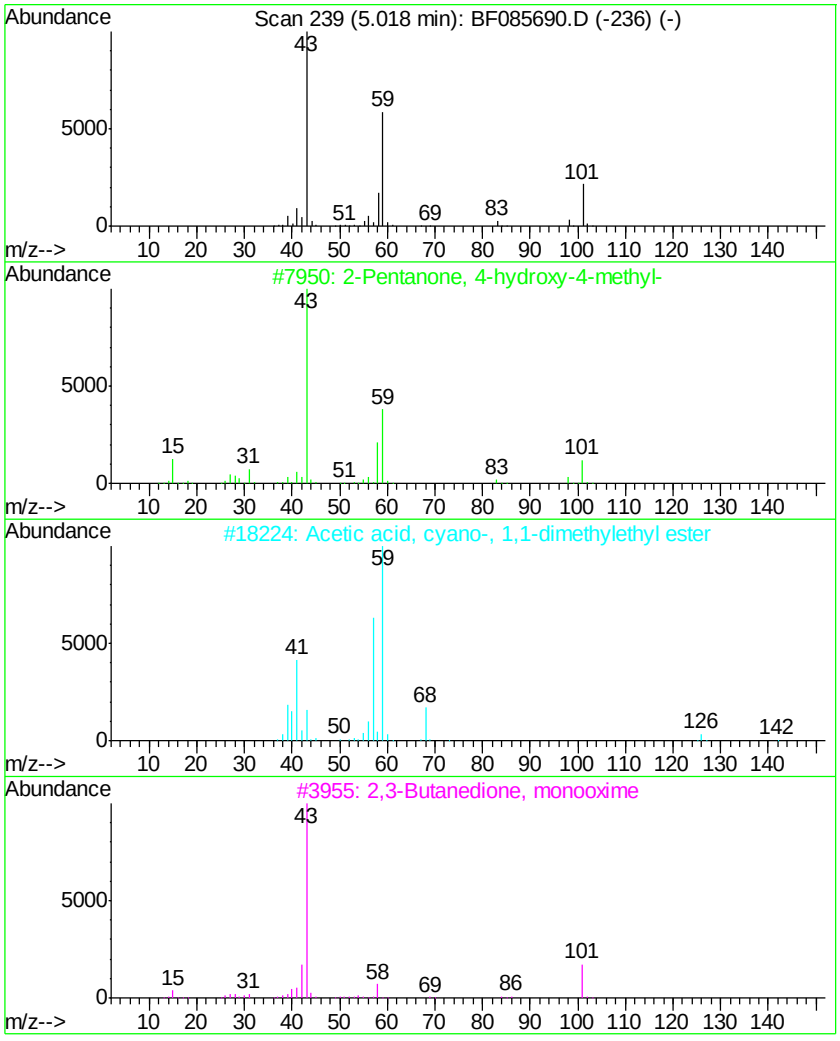
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

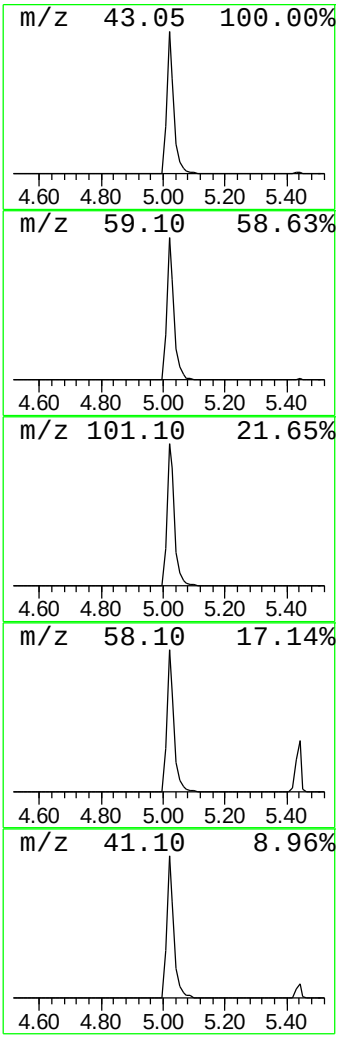
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	29.91 ng	1102510	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	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01(13-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

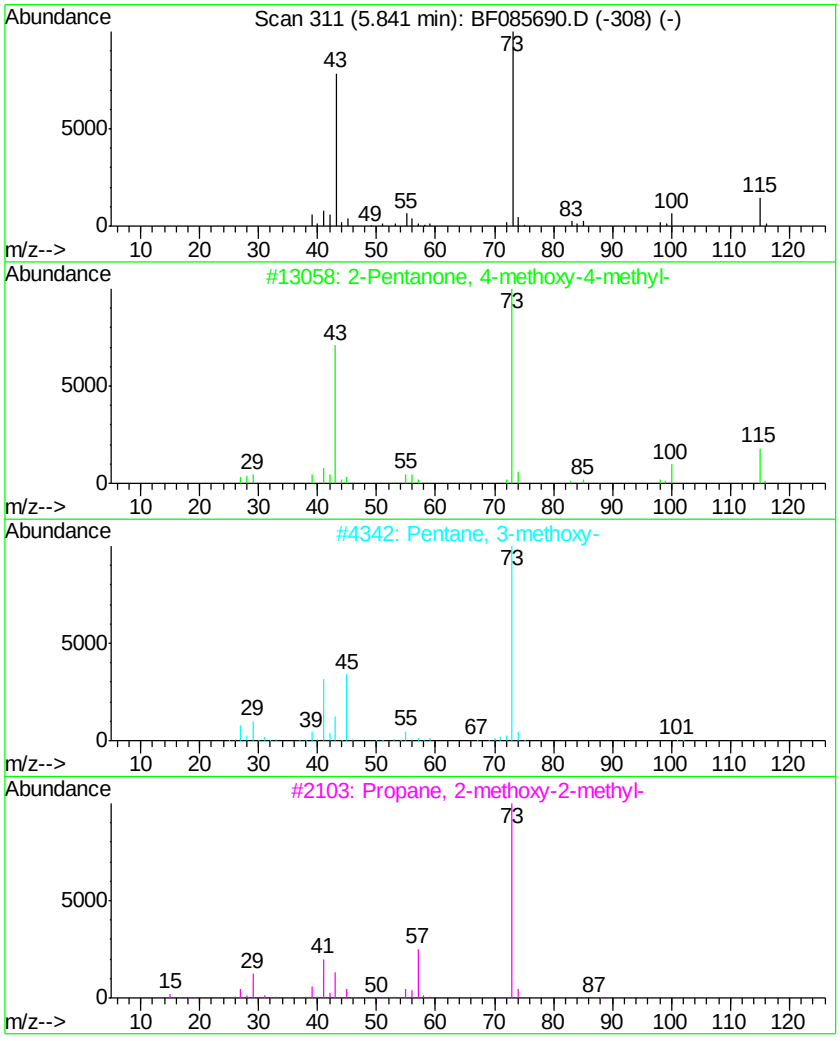
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

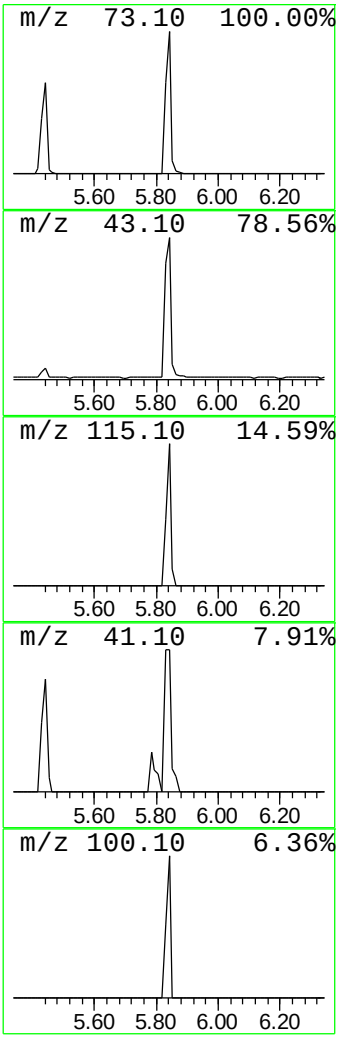
****

Peak Number 2 2-Pentanone, 4-methoxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.84	2.90 ng	107049	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	10
4	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	9
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085690.D
Acq On : 23 Mar 2016 6:56
Operator : UM/SJ
Sample : H1857-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01(13-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
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TIC Library : C:\DATABASE\NIST02.L
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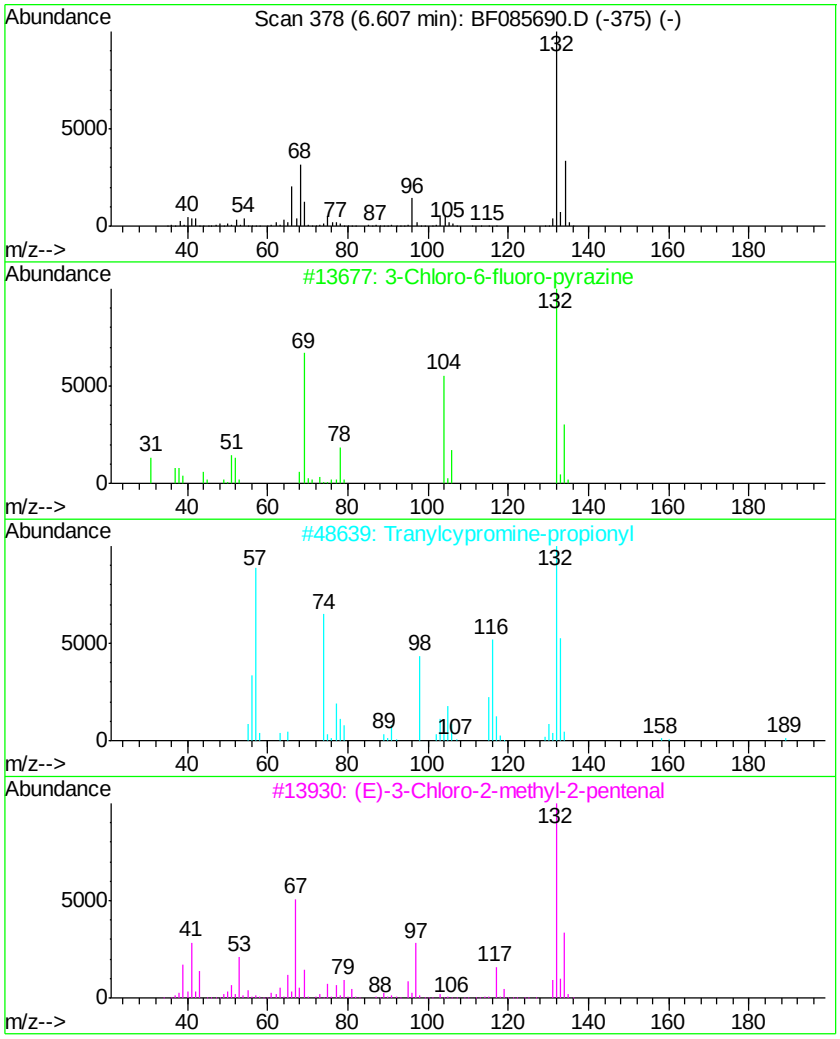
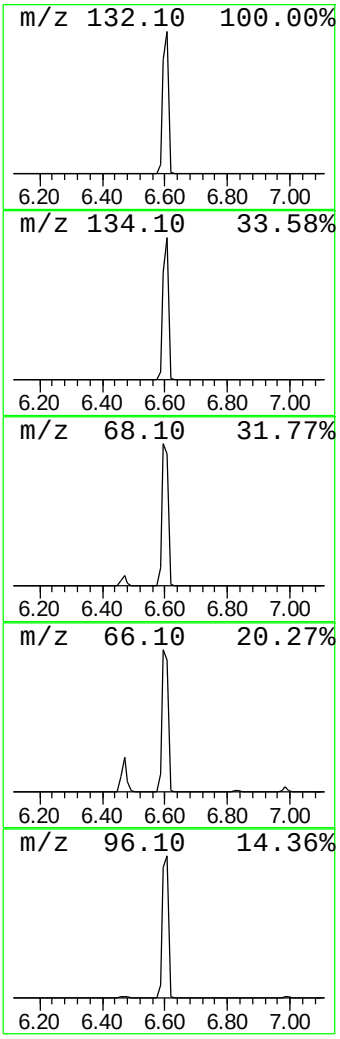
****

Peak Number 3 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	99.91 ng	3682890	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	38
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
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TIC Library : C:\DATABASE\NIST02.L
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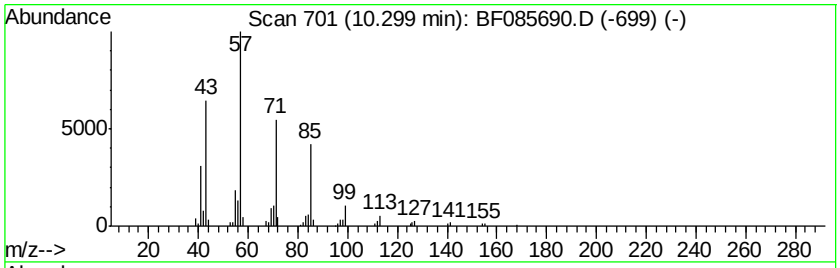
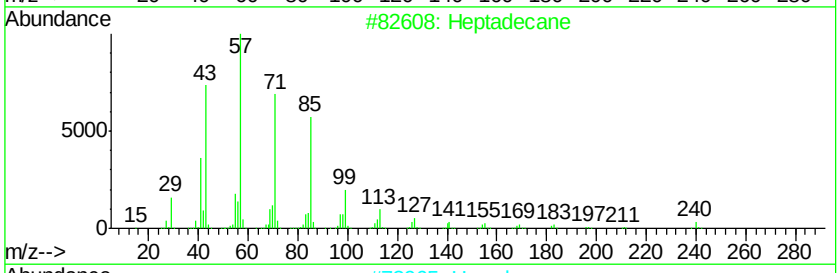
****

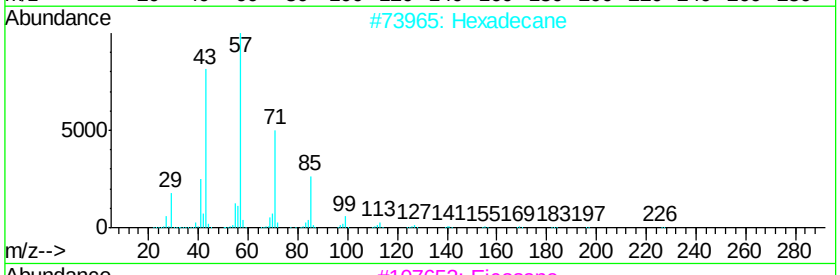
Peak Number 5 Heptadecane Concentration Rank 7

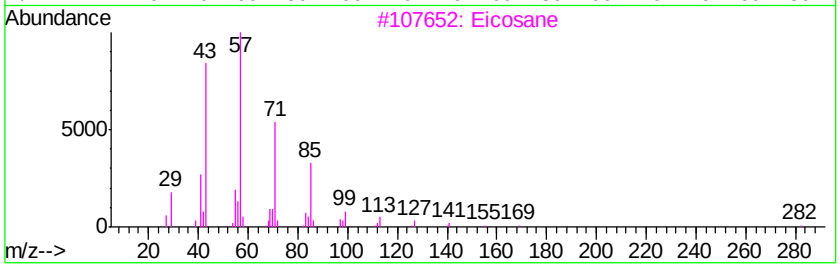
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	2.41 ng	130124	Acenaphthene-d10	9.86

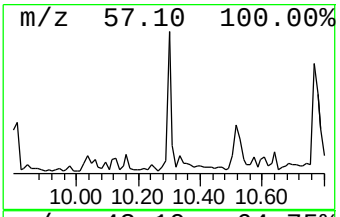
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Eicosane	282	C20H42	000112-95-8	83
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
5	Pentadecane	212	C15H32	000629-62-9	83

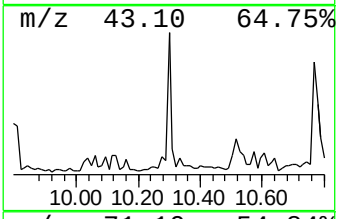


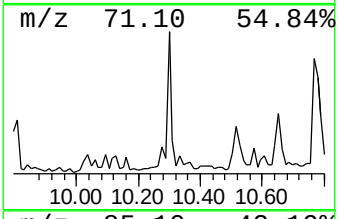


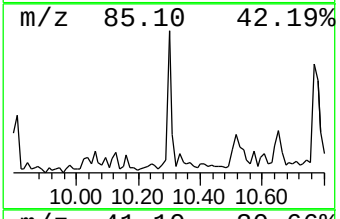


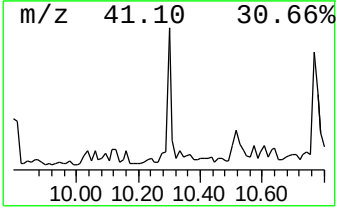












Library Search Compound Report

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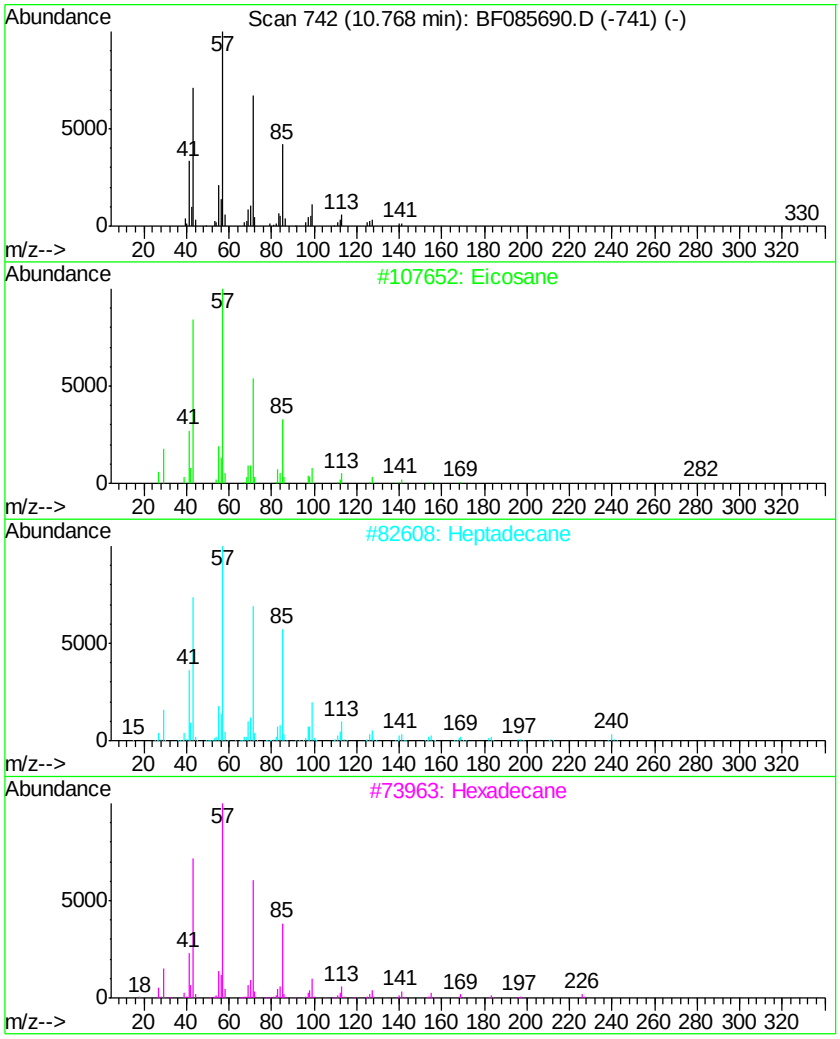
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

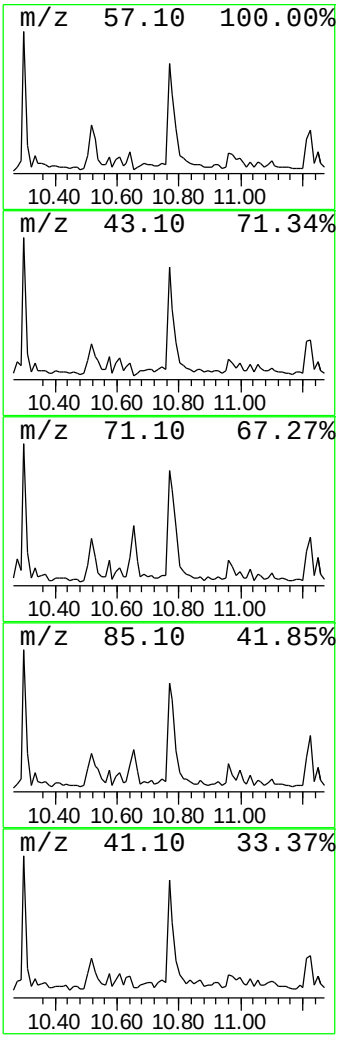
****

Peak Number 6 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	3.57 ng	188671	Phenanthrene-d10	11.35

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	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Tetradecane	198	C14H30	000629-59-4	86





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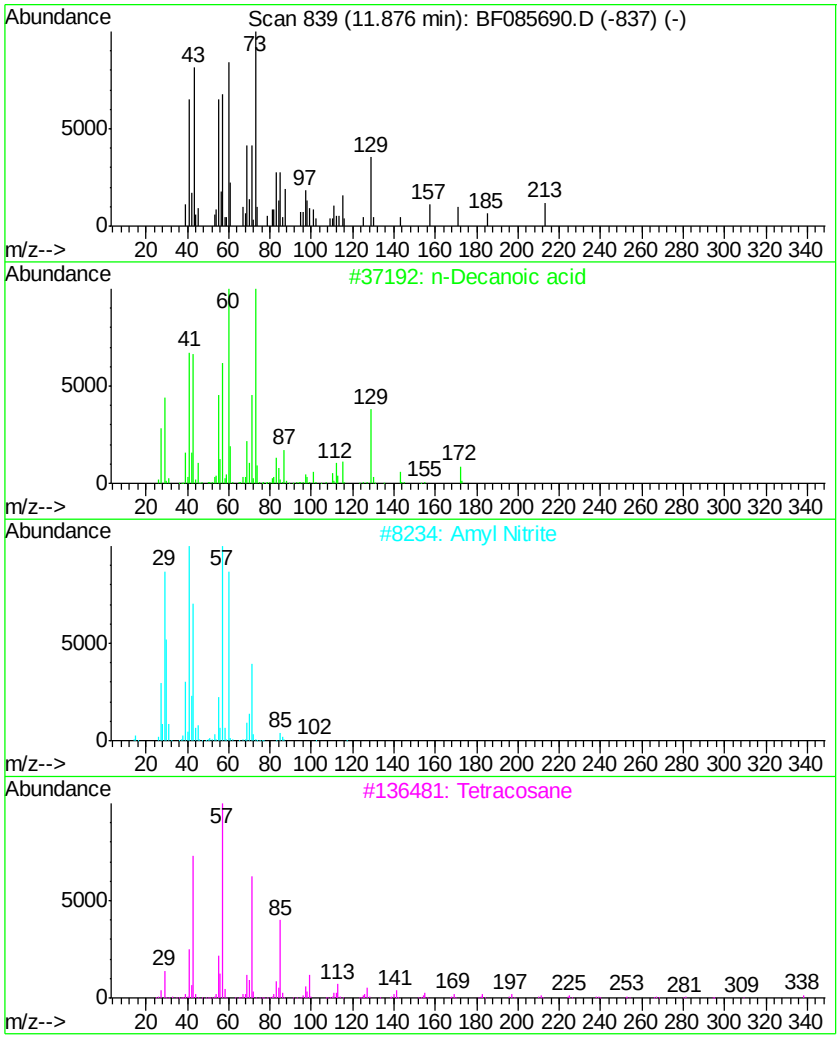
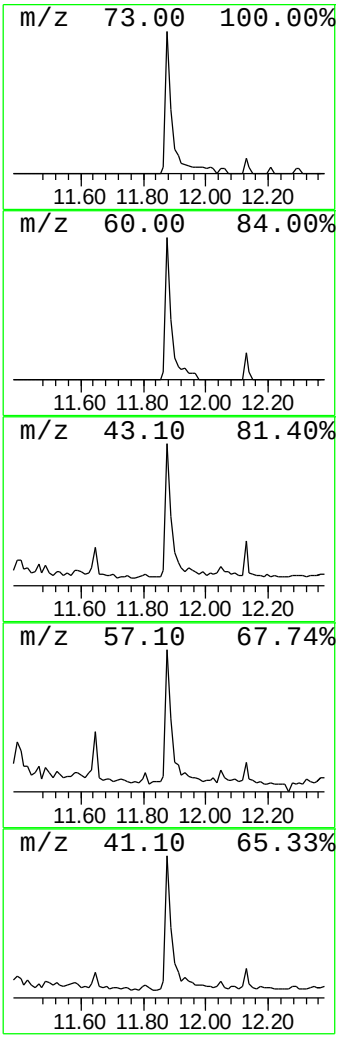
****

Peak Number 7 n-Decanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	2.35 ng	124588	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	64
2	Amyl Nitrite	117	C5H11NO2	000110-46-3	38
3	Tetracosane	338	C24H50	000646-31-1	10
4	Hexadecane	226	C16H34	000544-76-3	10
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	10





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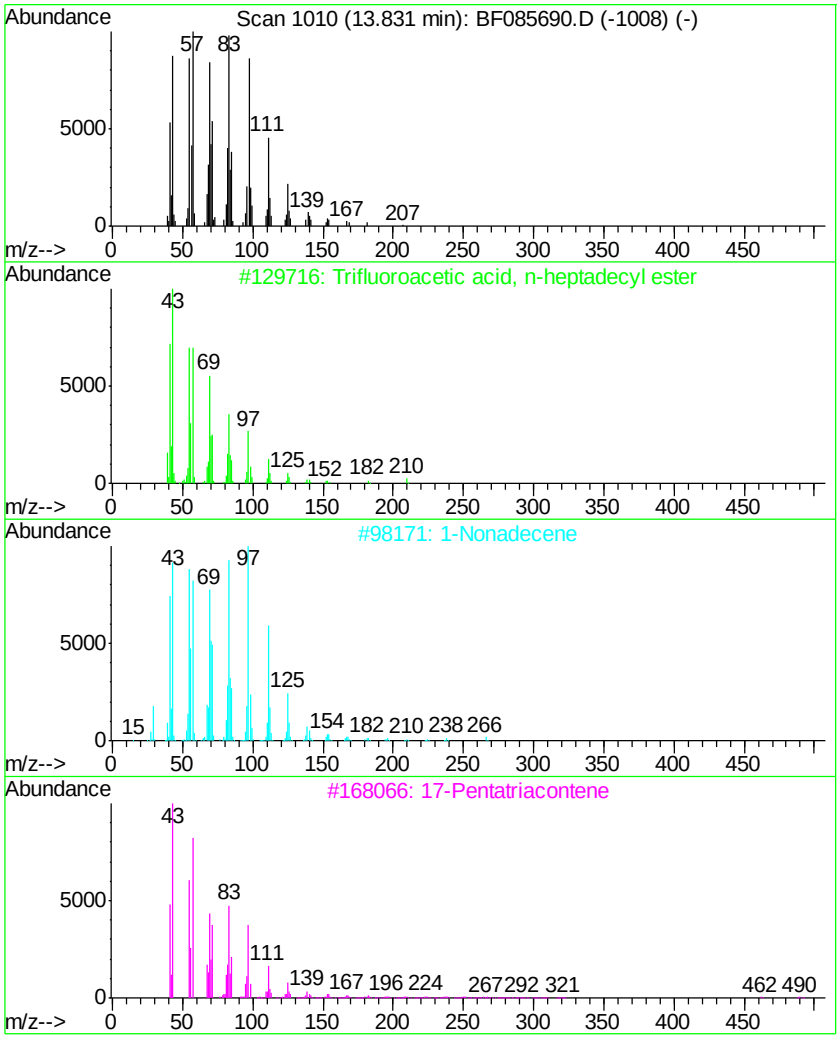
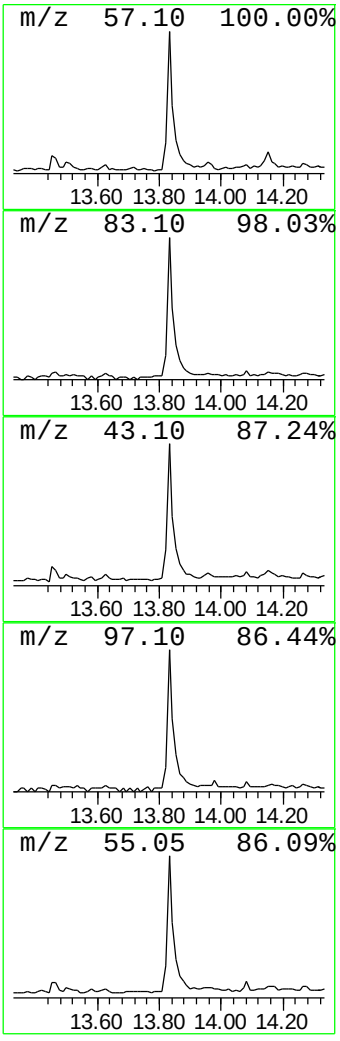
****

Peak Number 8 Trifluoroacetic acid, n-hep... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	8.07 ng	270974	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	91
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	1-Heptadecanol	256	C17H36O	001454-85-9	91
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	90





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
2-Pentanone, 4-hy...	5.02	29.9	ng	1102510	1	6.84	737218	20.0
2-Pentanone, 4-me...	5.84	2.9	ng	107049	1	6.84	737218	20.0
unknown6.61	6.61	99.9	ng	3682890	1	6.84	737218	20.0
Heptadecane	10.30	2.4	ng	130124	3	9.86	1080150	20.0
Eicosane	10.77	3.6	ng	188671	4	11.35	1058080	20.0
n-Decanoic acid	11.88	2.4	ng	124588	4	11.35	1058080	20.0
Trifluoroacetic a...	13.83	8.1	ng	270974	5	13.98	671736	20.0