LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090663.D
Acq On : 19 Oct 2016 22:23
Operator : UM/SJ
Sample : H5317-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 101816-07

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-BF101316.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	5.068	237	239	247	rBV	835215	1098889	20.56%	2.435%
2	5.491	273	276	279	rBV	3950303	4191905	78.41%	9.289%
3	6.520	363	366	375	rBV	3691010	4478922	83.78%	9.925%
4	6.657	375	378	380	rBV	4822652	4961580	92.81%	10.995%
5	6.886	396	398	409	rBV	1286729	1303368	24.38%	2.888%
6	7.046	409	412	414	rBV	3292818	3732844	69.83%	8.272%
7	7.446	445	447	450	rBV	2181405	2602693	48.69%	5.768%
8	7.549	453	456	463	rVB	92622	208473	3.90%	0.462%
9	8.177	508	511	513	rBV	1207584	1720972	32.19%	3.814%
10	8.760	561	562	565	rBV	44254	56233	1.05%	0.125%
11	9.252	602	605	607	rBV	5844056	5345816	100.00%	11.847%
12	9.640	637	639	642	rBV	984052	977386	18.28%	2.166%
13	9.926	662	664	667	rBV	2208537	2024115	37.86%	4.486%
14	10.360	701	702	704	rVB	121640	91530	1.71%	0.203%
15	10.578	719	721	725	rBV	38003	70069	1.31%	0.155%
16	10.715	731	733	736	rBV	2398797	2485616	46.50%	5.508%
17	10.829	742	743	750	rVB	115829	190120	3.56%	0.421%
18	11.286	781	783	784	rBV	82358	90555	1.69%	0.201%
19	11.412	792	794	797	rBV	1747581	1716613	32.11%	3.804%
20	13.001	930	933	936	rBV	4322598	4088654	76.48%	9.061%
21	13.892	1009	1011	1018	rBV	426040	502271	9.40%	1.113%
22	14.052	1023	1025	1032	rVV	1220140	1274683	23.84%	2.825%
23	14.155	1032	1034	1038	rVB	77552	83752	1.57%	0.186%
24	14.532	1064	1067	1070	rBV	126592	163200	3.05%	0.362%
25	14.967	1103	1105	1108	rBV	61136	82170	1.54%	0.182%
26	15.184	1120	1124	1127	rBV2	61978	139336	2.61%	0.309%
27	15.504	1149	1152	1159	rBV	943022	1231687	23.04%	2.729%
28	15.732	1169	1172	1176	rVB	59681	84628	1.58%	0.188%
29	15.961	1189	1192	1194	rBV	46729	70056	1.31%	0.155%
30	16.738	1257	1260	1264	rVB2	31804	57469	1.08%	0.127%

Sum of corrected areas: 45125605

LSC Report - Integrated Chromatogram

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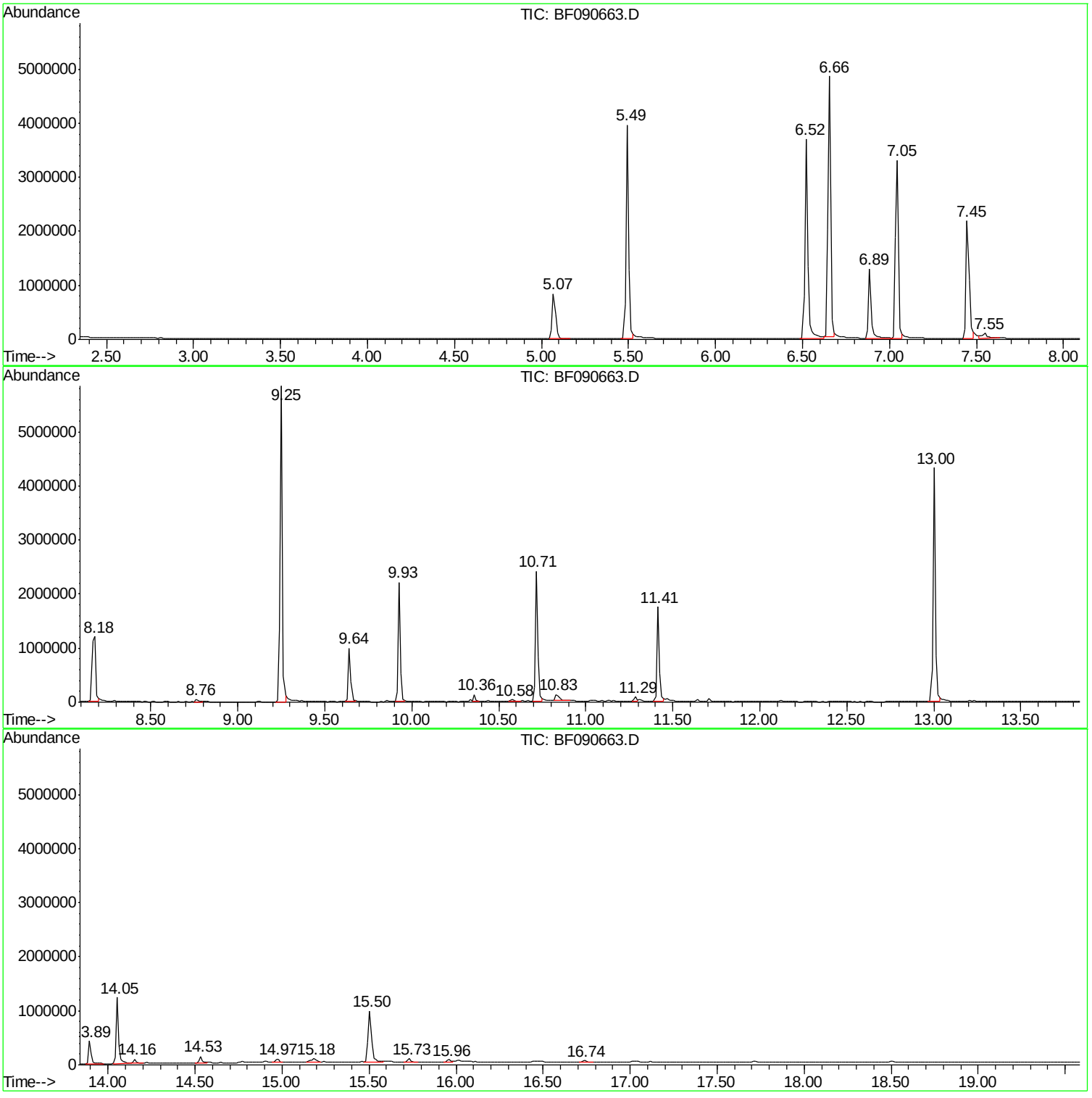
Sample : H5317-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 101816-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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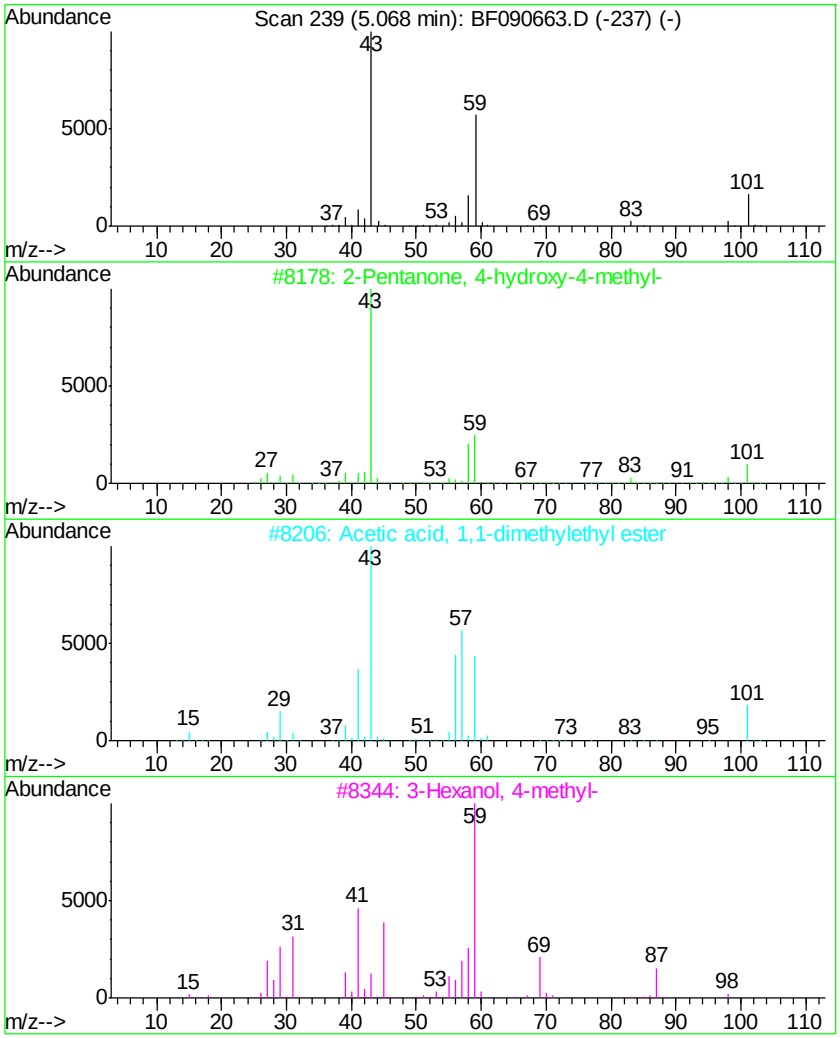
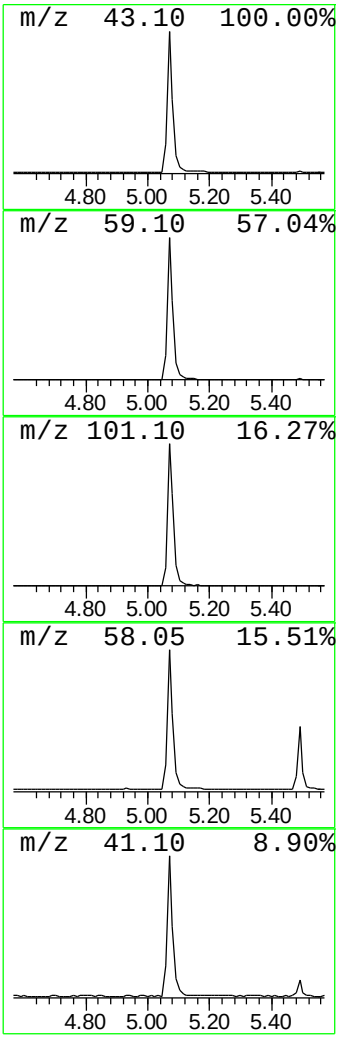
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	16.86 ng	1098890	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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ClientSampleId : 101816-07

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

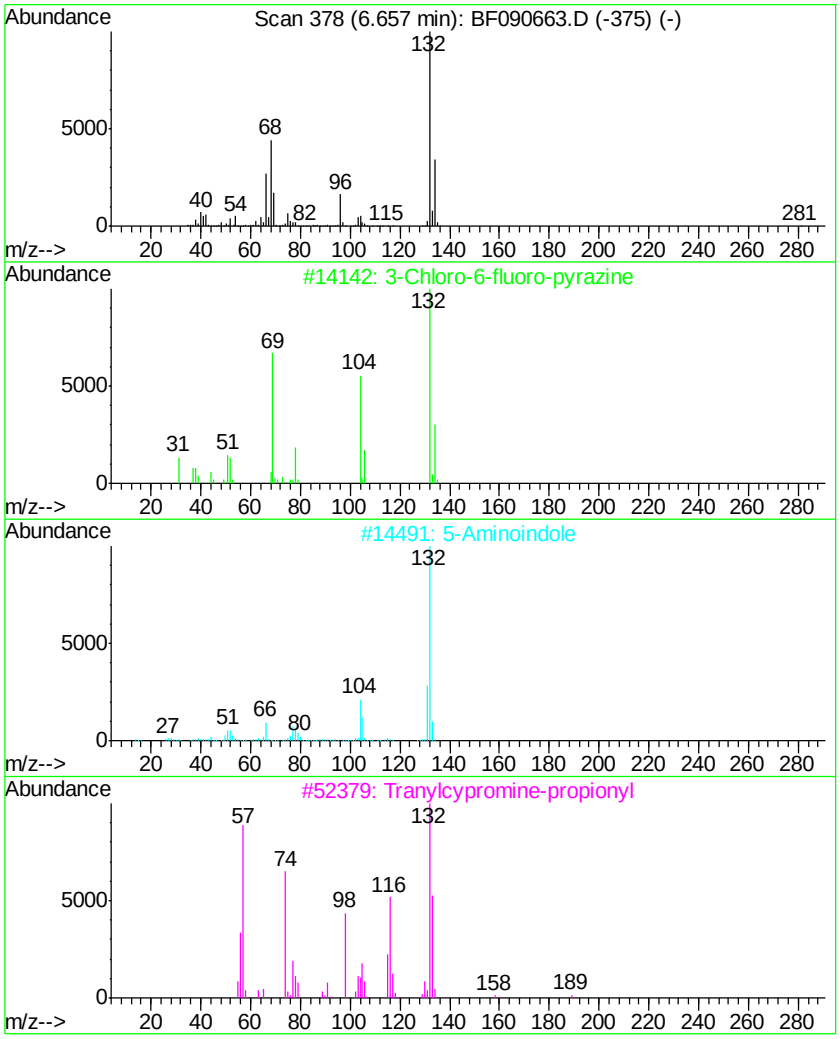
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

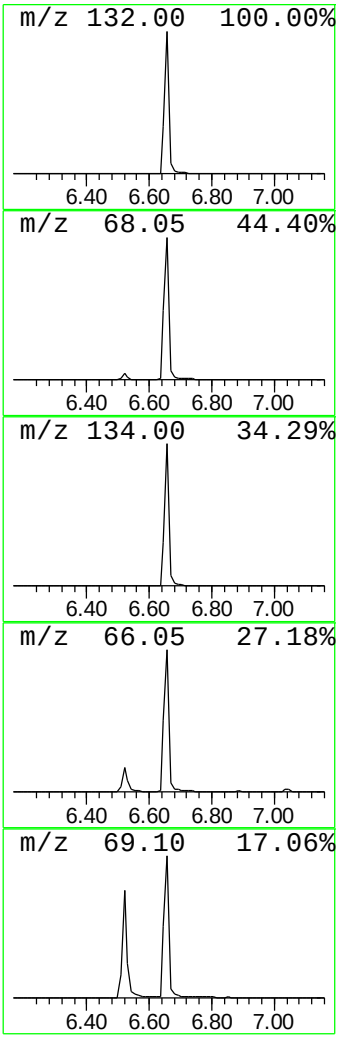
****

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	76.13 ng	4961580	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Sample : H5317-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 101816-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

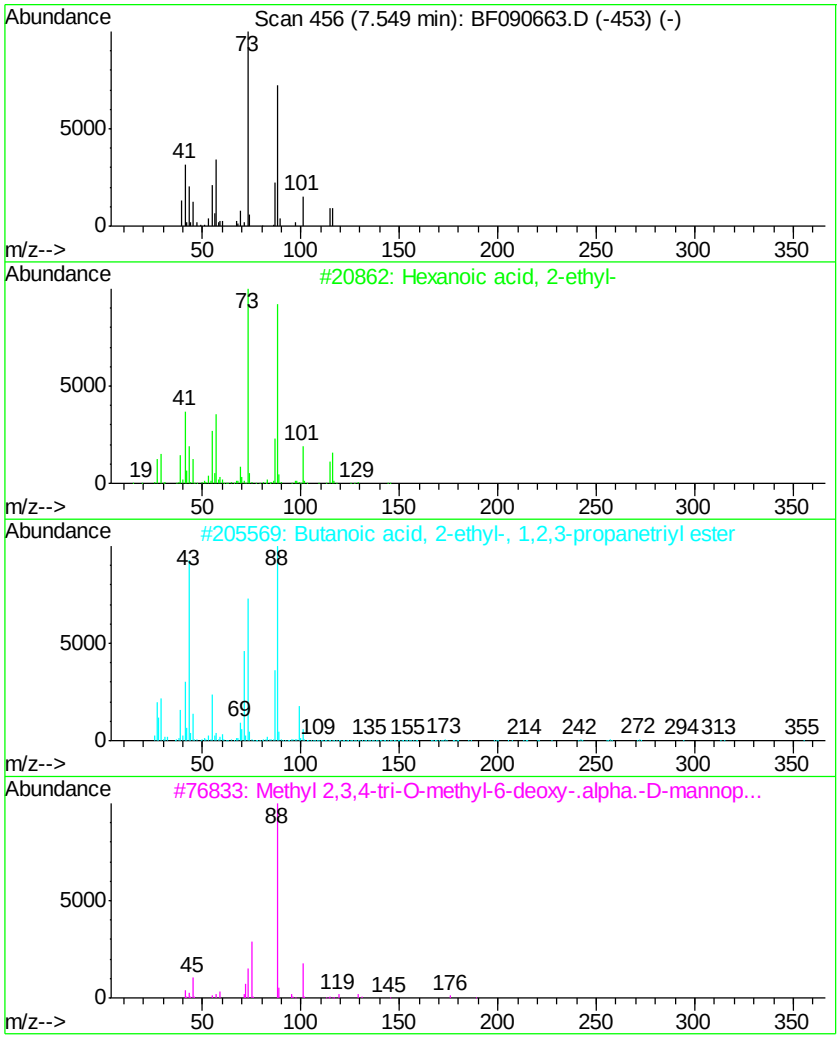
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

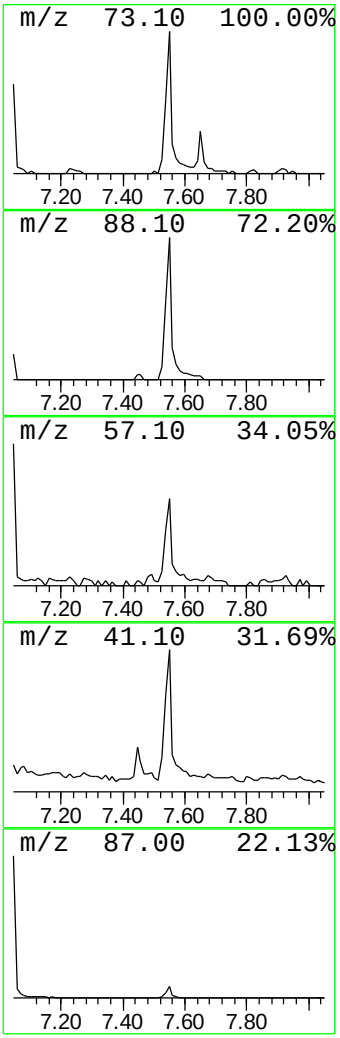
****

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	2.42 ng	208473	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	83
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	45
3	Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	28
4	1,4-Dioxane	88	C4H8O2	000123-91-1	25
5	Propanoic acid, 3-hydroxy-2-meth...	118	C5H10O3	042998-03-8	23





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Data File : BF090663.D
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Operator : UM/SJ
Sample : H5317-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 101816-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

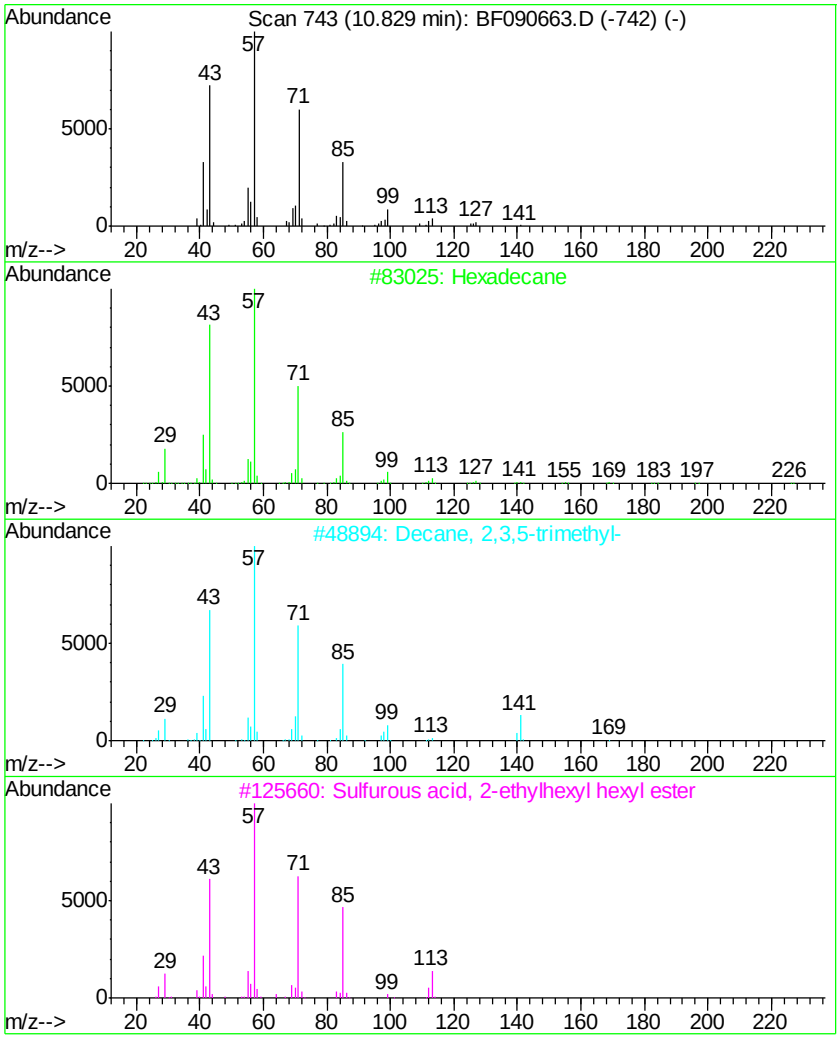
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

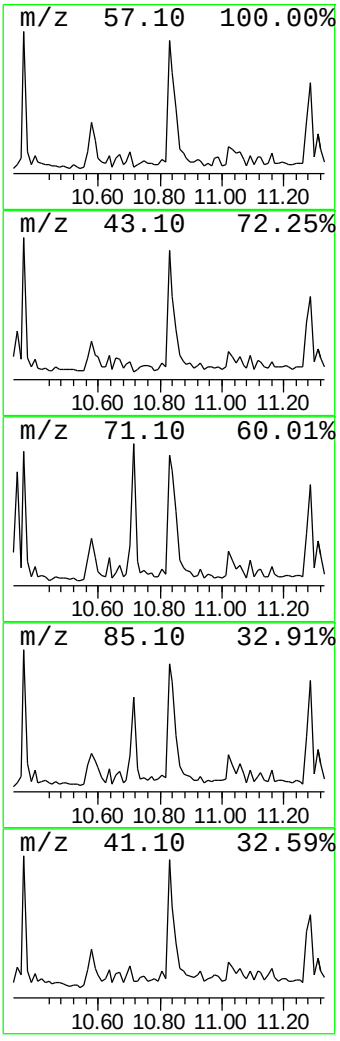
****

Peak Number 5 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	2.22 ng	190120	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	86
4	Heptacosane	380	C27H56	000593-49-7	80
5	Tetradecane	198	C14H30	000629-59-4	80





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ClientSampleId : 101816-07

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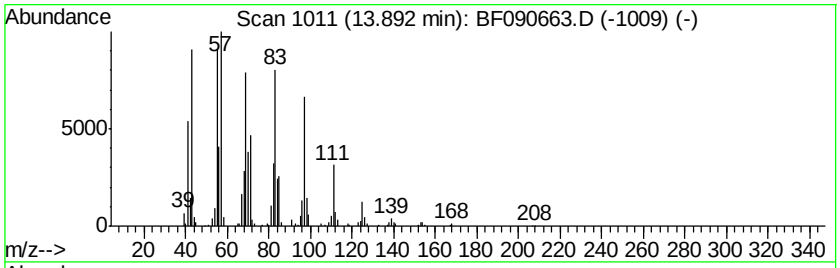
TIC Integration Parameters: LSCINT.P

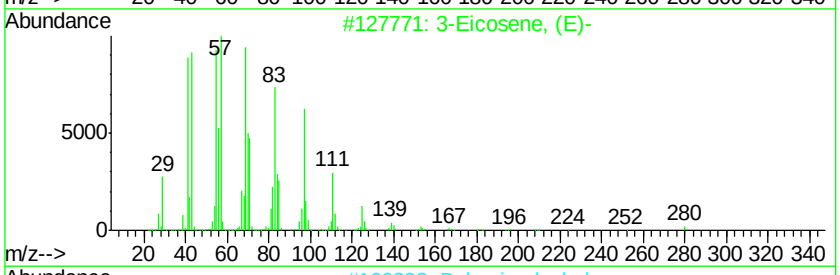
****

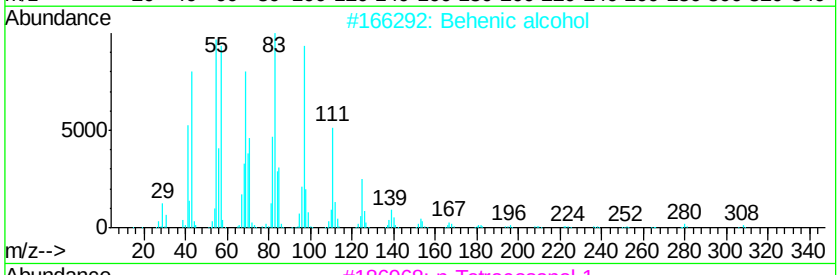
Peak Number 6 3-Eicosene, (E)- Concentration Rank 4

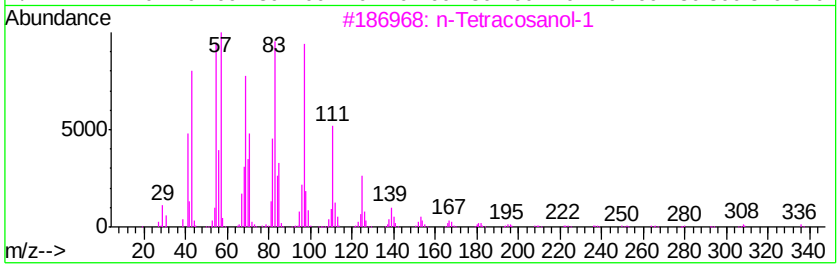
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	7.88 ng	502271	Chrysene-d12	14.05

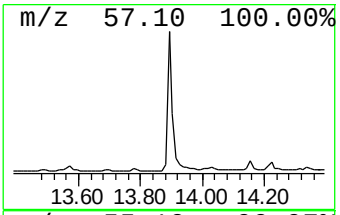
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	91

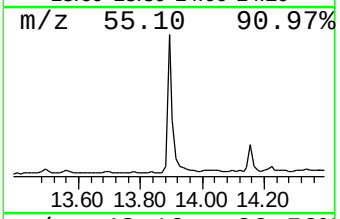


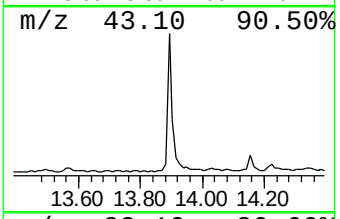


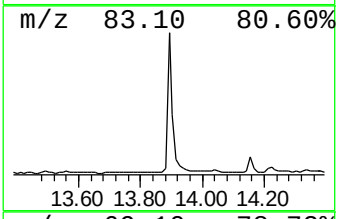


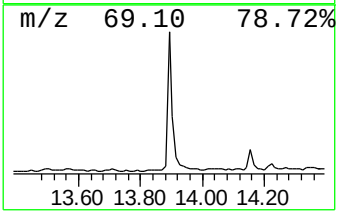












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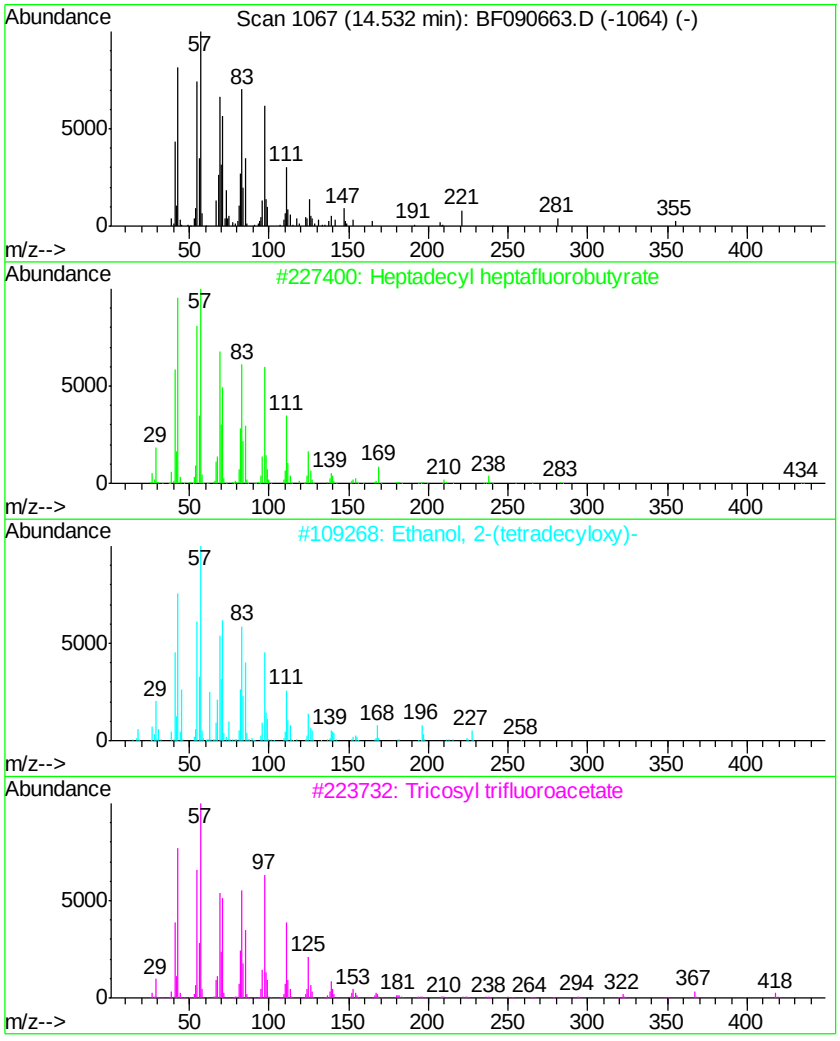
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

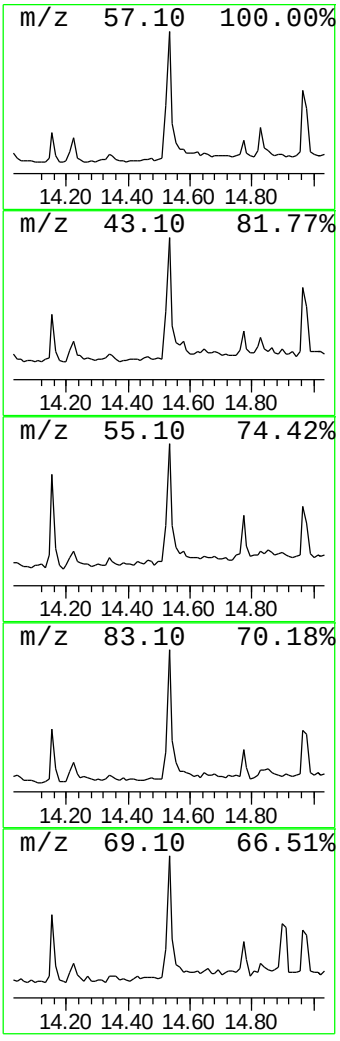
****

Peak Number 7 Heptadecyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	2.56 ng	163200	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
3	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	90
4	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	90
5	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	90





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.07	16.9	ng	1098890	1	6.89	1303370	20.0
unknown6.66	6.66	76.1	ng	4961580	1	6.89	1303370	20.0
Hexanoic acid, 2-...	7.55	2.4	ng	208473	2	8.18	1720970	20.0
Hexadecane	10.83	2.2	ng	190120	4	11.41	1716610	20.0
3-Eicosene, (E)-	13.89	7.9	ng	502271	5	14.05	1274680	20.0
Heptadecyl heptaf...	14.53	2.6	ng	163200	5	14.05	1274680	20.0