LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
Data File : BF098873.D
Acq On : 27 Sep 2017 20:06
Operator : SJ/JU
Sample : I5403-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-2_092217

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-BF092317.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	2.216	18	22	31	rVB	96224	142264	4.07%	0.451%
2	5.145	515	520	532	rVB	539937	679951	19.47%	2.155%
3	5.534	581	586	589	rBV	3036946	3222572	92.27%	10.215%
4	6.539	751	757	760	rBV	3096456	3317013	94.97%	10.514%
5	6.681	777	781	785	rBV	3221478	3286904	94.11%	10.419%
6	6.910	817	820	824	rVB	862031	746960	21.39%	2.368%
7	7.069	843	847	850	rBV	2710065	2315382	66.29%	7.339%
8	7.475	911	916	919	rBV	2156188	2005326	57.41%	6.357%
9	8.192	1034	1038	1042	rBV	1203674	1007368	28.84%	3.193%
10	9.269	1216	1221	1224	rBV	3773636	3492689	100.00%	11.071%
11	9.657	1283	1287	1290	rBV	688386	546067	15.63%	1.731%
12	9.951	1333	1337	1340	rBV	1316983	1120598	32.08%	3.552%
13	10.322	1395	1400	1403	rBV	274346	237550	6.80%	0.753%
14	10.369	1406	1408	1411	rVB	42597	38609	1.11%	0.122%
15	10.739	1466	1471	1474	rBV	2213136	2130681	61.00%	6.754%
16	10.845	1486	1489	1498	rVB	58213	56181	1.61%	0.178%
17	11.439	1586	1590	1593	rBV	1309367	1157279	33.13%	3.668%
18	11.951	1673	1677	1682	rBV	58522	58575	1.68%	0.186%
19	13.021	1854	1859	1862	rBV	3244224	3303421	94.58%	10.471%
20	13.904	2006	2009	2022	rBV	308776	317259	9.08%	1.006%
21	14.074	2034	2038	2042	rBV	1182199	1031872	29.54%	3.271%
22	14.539	2112	2117	2124	rBV7	27542	46783	1.34%	0.148%
23	15.568	2286	2292	2299	rVB	740769	988899	28.31%	3.135%
24	16.021	2366	2369	2375	rVB2	35633	52531	1.50%	0.167%
25	16.086	2375	2380	2388	rBV9	26336	58005	1.66%	0.184%
26	16.545	2451	2458	2467	rBV4	36948	80526	2.31%	0.255%
27	17.156	2556	2562	2569	rVB4	24166	52426	1.50%	0.166%
28	17.874	2680	2684	2694	rVB4	23406	53680	1.54%	0.170%

Sum of corrected areas: 31547371

LSC Report - Integrated Chromatogram

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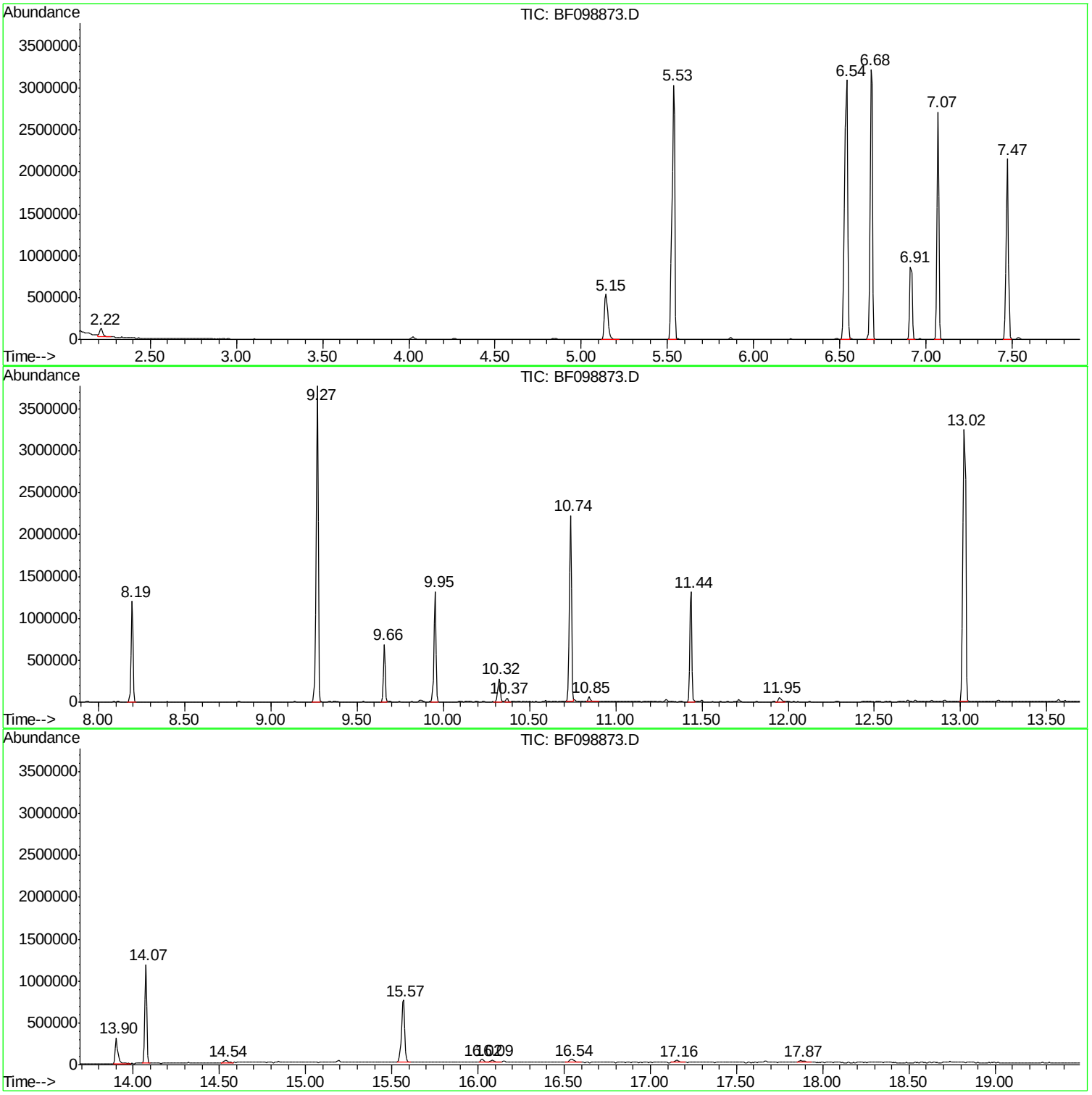
Instrument : BNA_F
ClientSampleId : DUP-2_092217

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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 Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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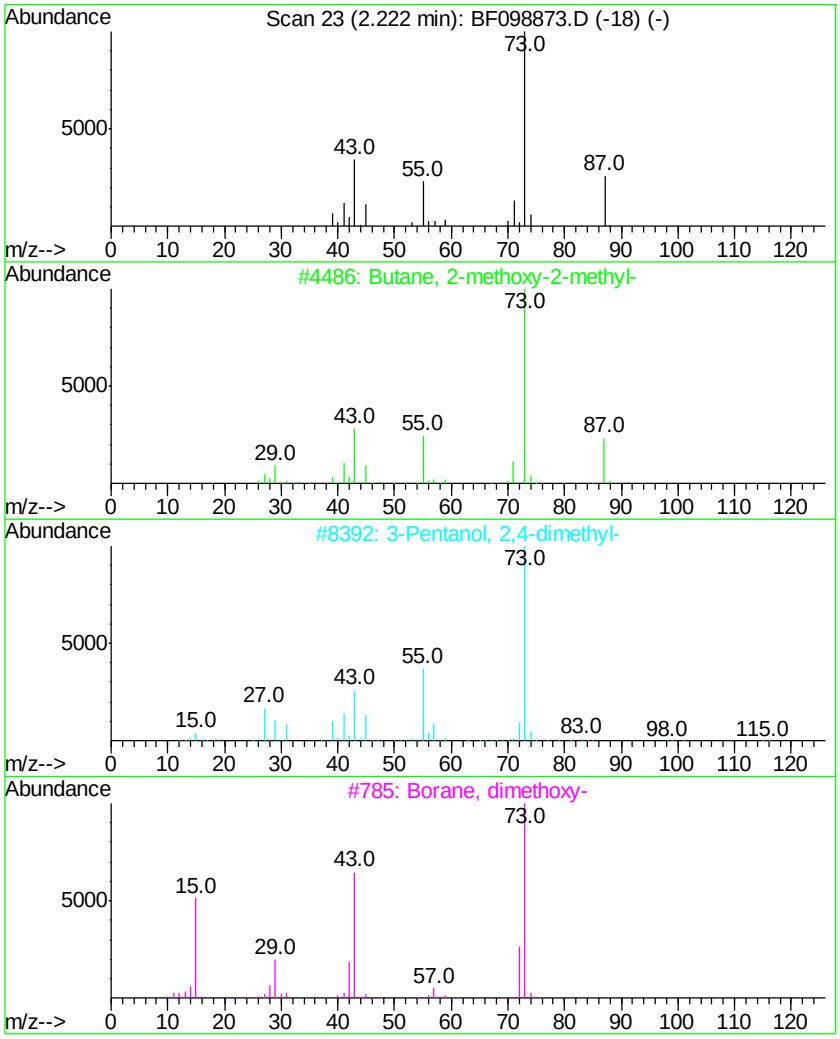
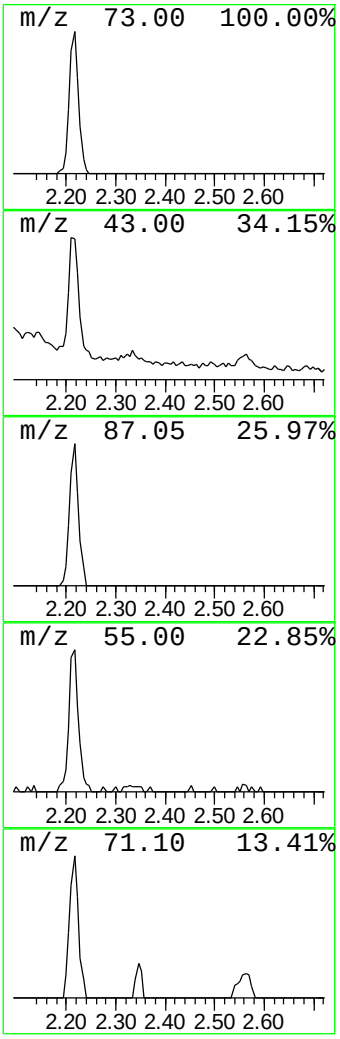
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	3.81 ng	142264	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
3	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





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Sample : I5403-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-2_092217

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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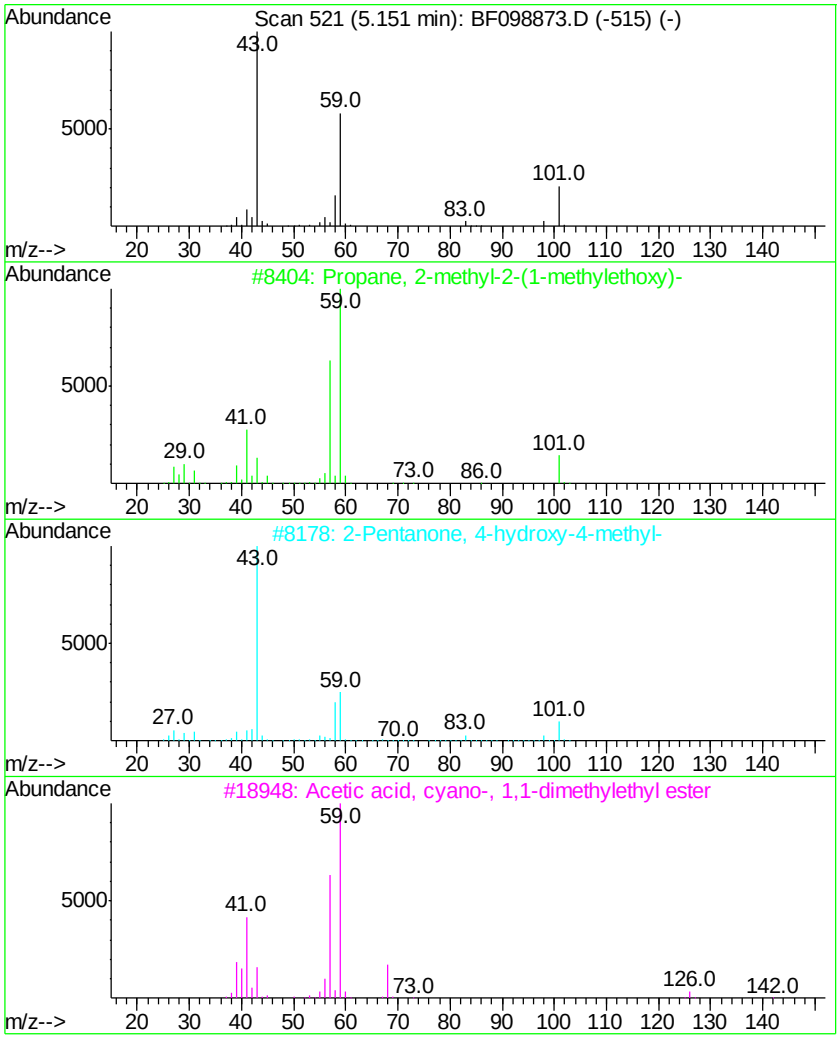
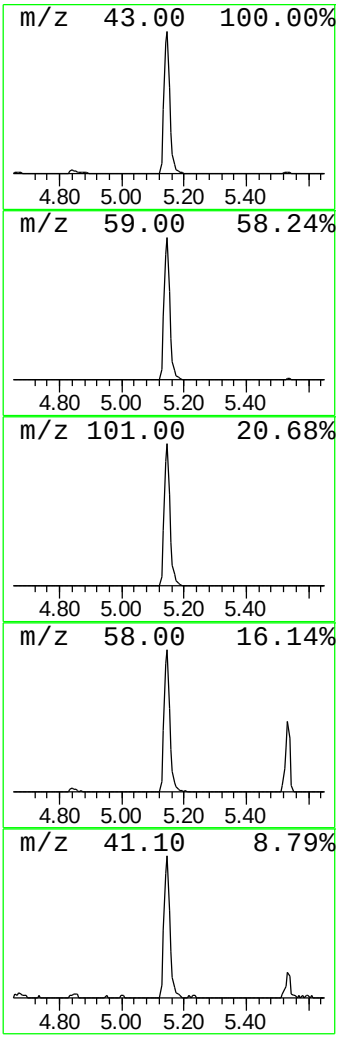
Peak Number 2 Propane, 2-methyl-2-(1-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	18.21 ng	679951	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Acetone	58	C3H6O	000067-64-1	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
Data File : BF098873.D
Acq On : 27 Sep 2017 20:06
Operator : SJ/JU
Sample : I5403-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-2_092217

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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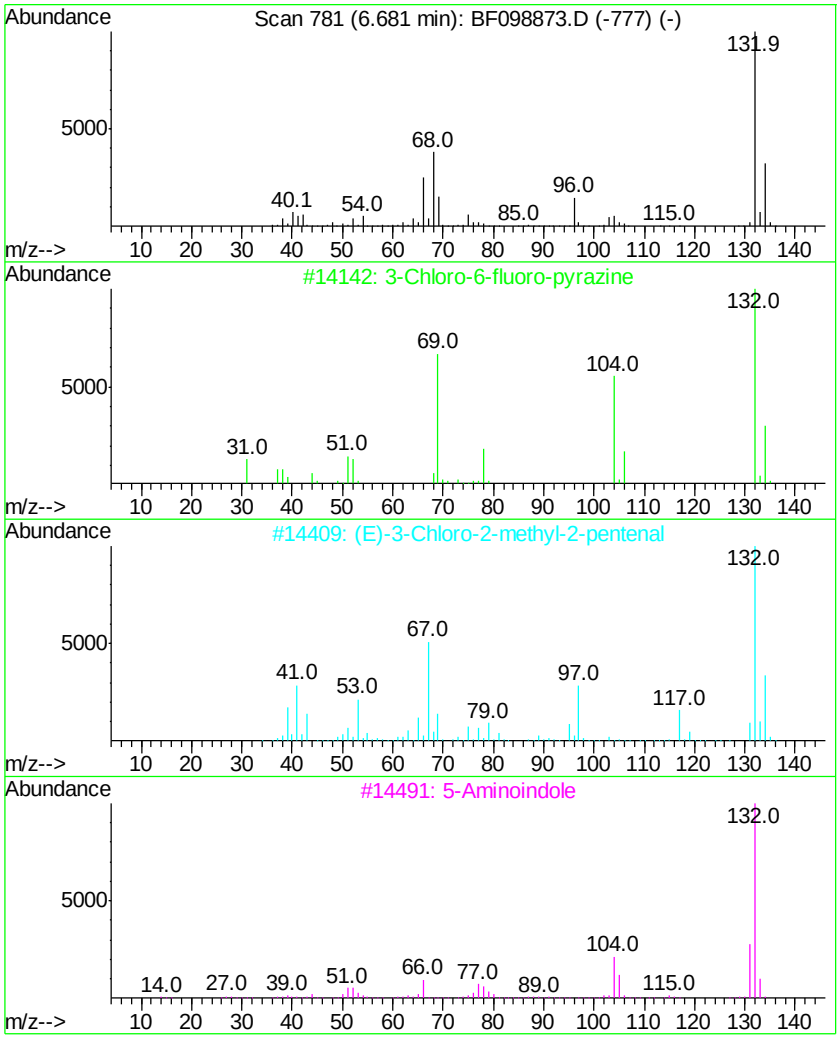
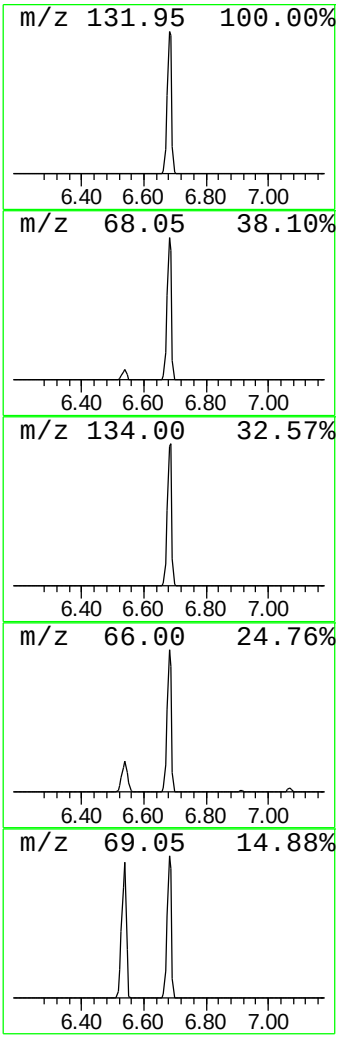
Peak Number 3 unknown6.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	88.01 ng	3286900	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Instrument : BNA_F
ClientSampleId : DUP-2_092217

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

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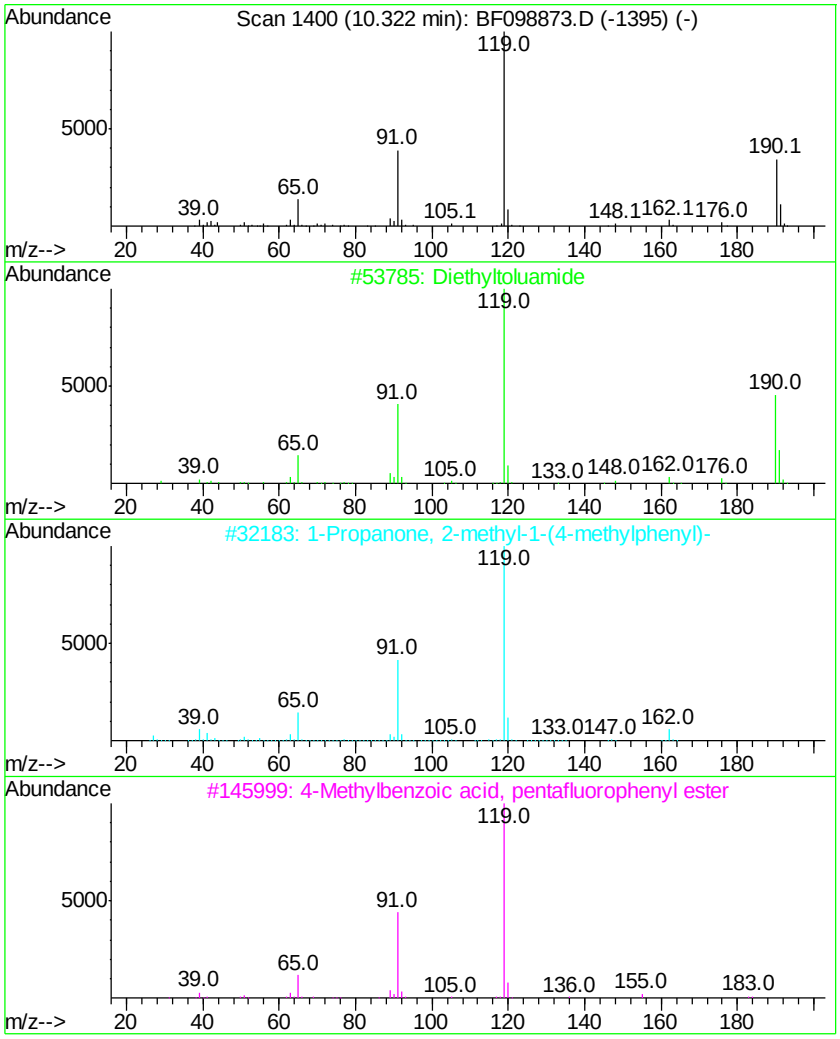
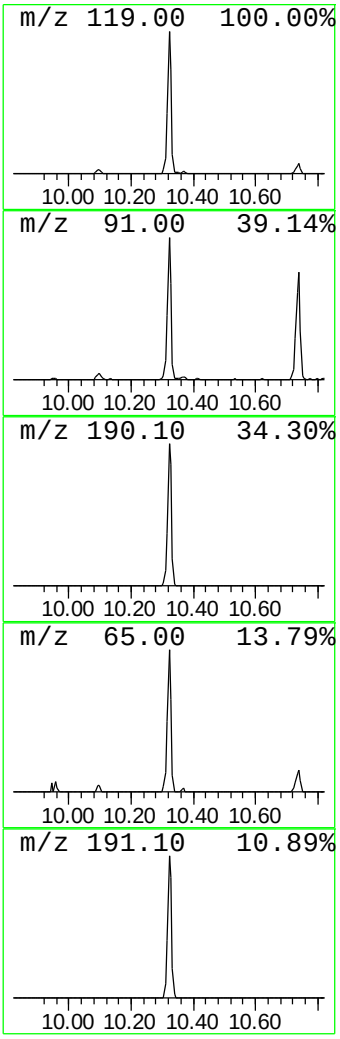
Peak Number 5 Diethyltoluamide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	4.24 ng	237550	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	95
2	1-Propanone, 2-methyl-1-(4-methy...	162	C11H14O	050390-51-7	68
3	4-Methylbenzoic acid, pentafluor...	302	C14H7F5O2	1000354-15-1	64
4	Benzamide, 3-methyl-N-allyl-	175	C11H13NO	1000339-09-8	59
5	2,5-Pyrrolidinedione, 1-[(2-meth...	233	C12H11NO4	110920-14-4	59





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-2_092217

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
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TIC Integration Parameters: LSCINT.P

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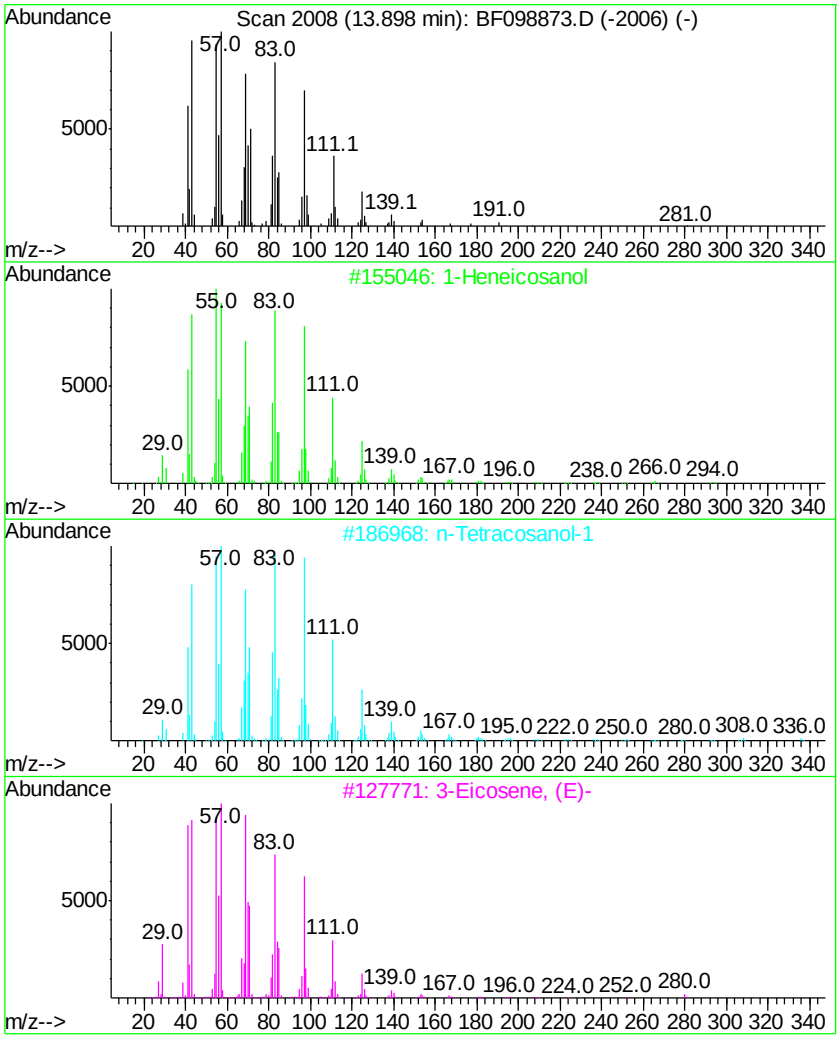
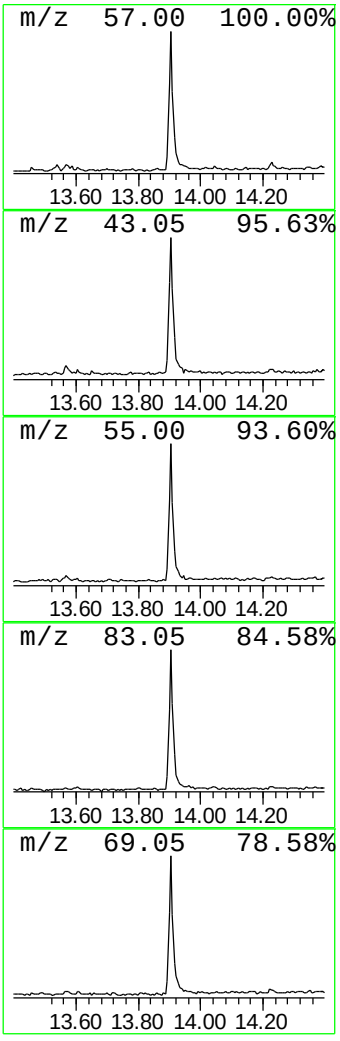
Peak Number 6 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	6.15 ng	317259	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
5	Behenic alcohol	326	C22H46O	000661-19-8	90





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.22	3.8	ng	142264	1	6.91	746960	20.0
Propane, 2-methyl...	5.15	18.2	ng	679951	1	6.91	746960	20.0
unknown6.68	6.68	88.0	ng	3286900	1	6.91	746960	20.0
Diethyltoluamide	10.32	4.2	ng	237550	3	9.95	1120600	20.0
1-Heneicosanol	13.90	6.2	ng	317259	5	14.07	1031870	20.0