LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091864.D
Acq On : 22 Dec 2016 5:17
Operator : UM/SJ
Sample : H6156-10
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-6

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-BF122116.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	4.910	245	247	254	rBV	890372	1041109	9.55%	1.509%
2	5.344	283	285	288	rBV	3309009	3843487	35.26%	5.570%
3	6.384	374	376	379	rBV	2016747	2413820	22.15%	3.498%
4	6.522	385	388	390	rBV	5563492	7423223	68.11%	10.758%
5	6.739	405	407	410	rBV	1379813	1784991	16.38%	2.587%
6	6.899	418	421	424	rVB	5163547	6798206	62.37%	9.852%
7	7.322	454	458	460	rBV	3861803	6457744	59.25%	9.359%
8	8.030	517	520	523	rBV	2762564	2654303	24.35%	3.847%
9	9.116	611	615	617	rBV	8483689	10899092	100.00%	15.796%
10	9.505	647	649	651	rBV	490348	424724	3.90%	0.616%
11	9.779	670	673	676	rBV	2653347	2836702	26.03%	4.111%
12	10.305	716	719	721	rBV	107827	147804	1.36%	0.214%
13	10.579	739	743	745	rBV	4033346	6139828	56.33%	8.898%
14	10.693	752	753	757	rVB	154600	157342	1.44%	0.228%
15	11.265	800	803	805	rBV	2947481	2834252	26.00%	4.108%
16	12.854	939	942	944	rBV	7263014	8015814	73.55%	11.617%
17	13.757	1017	1021	1024	rBV2	147298	253781	2.33%	0.368%
18	13.894	1030	1033	1035	rBV	2576537	2391289	21.94%	3.466%
19	15.288	1152	1155	1157	rBV	1407689	1772076	16.26%	2.568%
20	15.334	1157	1159	1162	rVB	90658	135518	1.24%	0.196%
21	15.722	1191	1193	1196	rBV	99852	154115	1.41%	0.223%
22	16.180	1230	1233	1242	rVB2	86398	192564	1.77%	0.279%
23	16.717	1277	1280	1284	rBV	57197	110282	1.01%	0.160%
24	17.345	1331	1335	1341	rVB	42649	118779	1.09%	0.172%

Sum of corrected areas: 69000845

LSC Report - Integrated Chromatogram

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Instrument :
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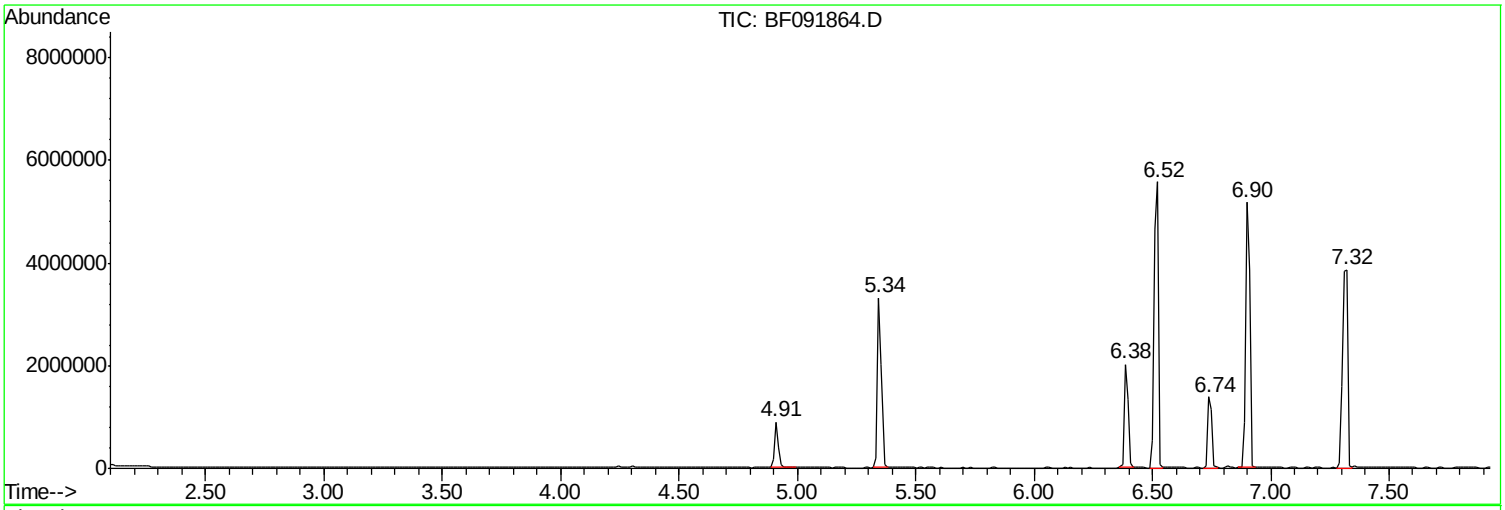
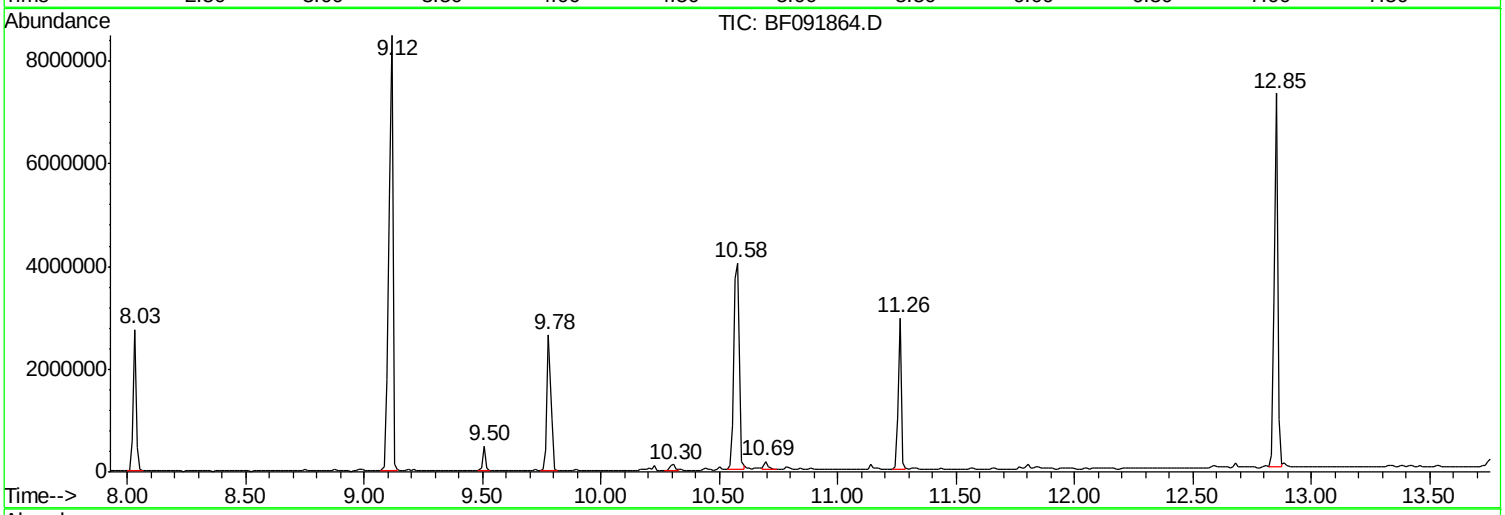
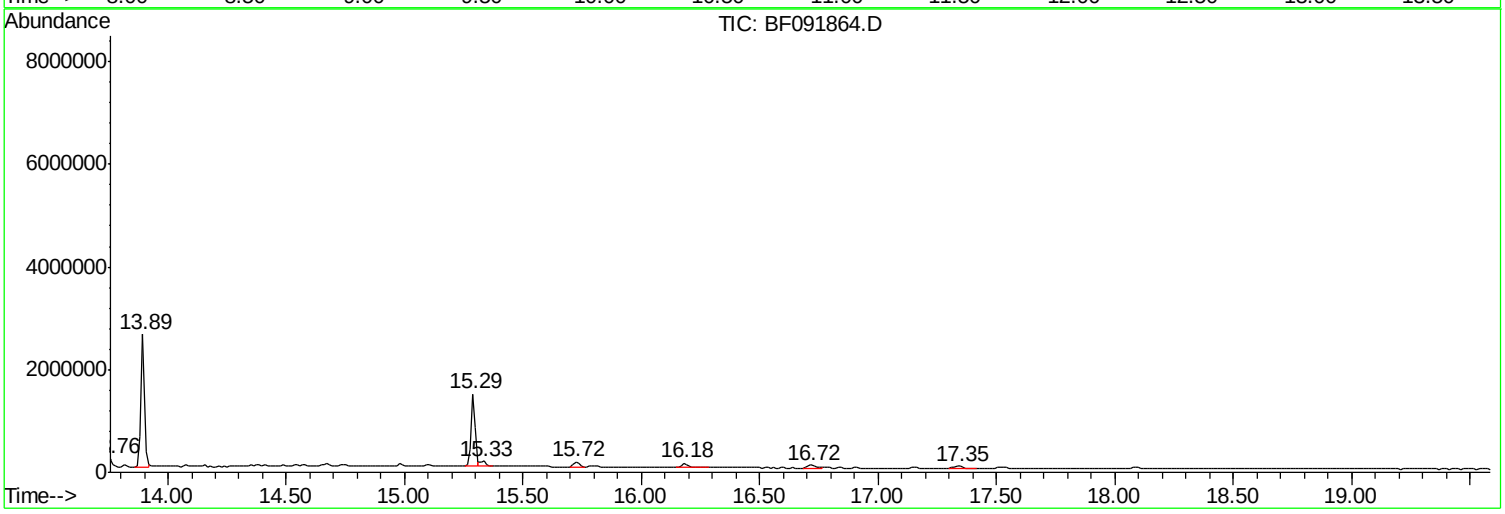
ClientSampleId :
MW-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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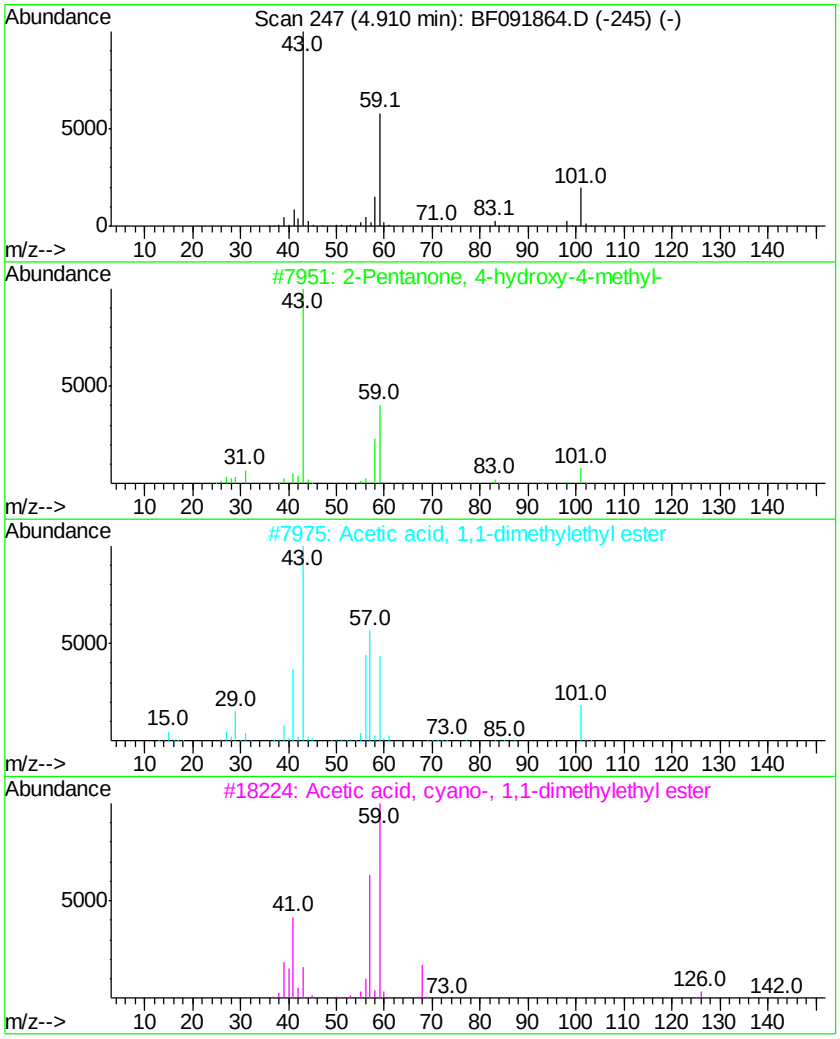
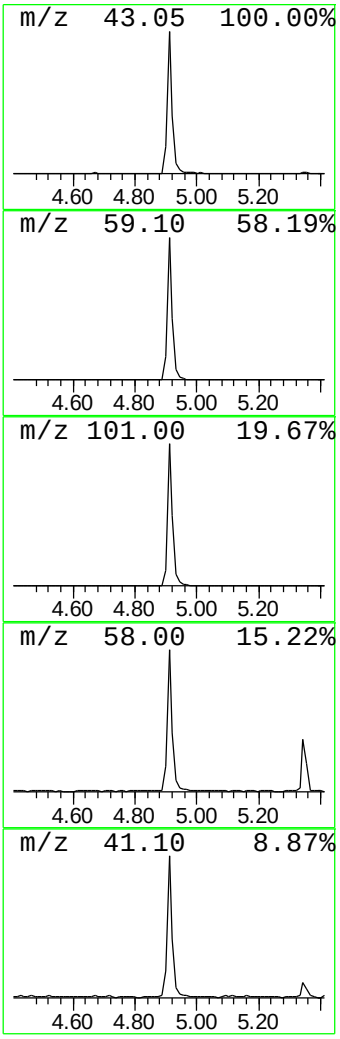
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	11.67 ng	1041110	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
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TIC Library : C:\DATABASE\NIST02.L
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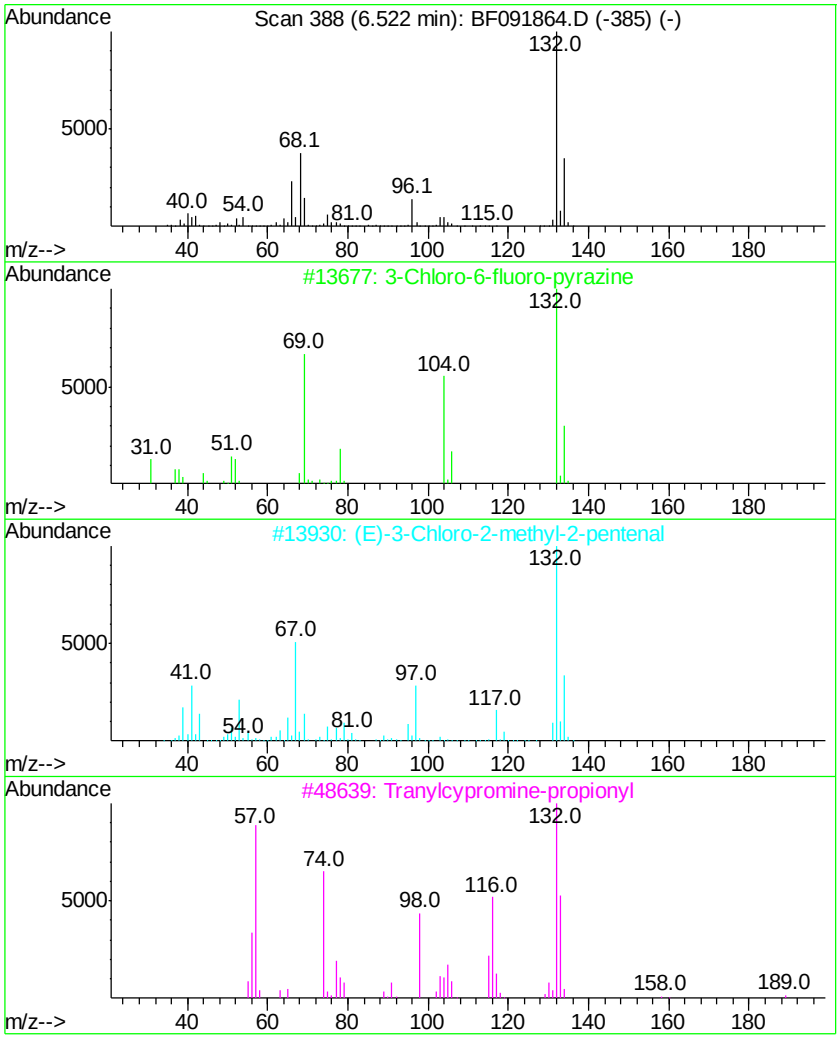
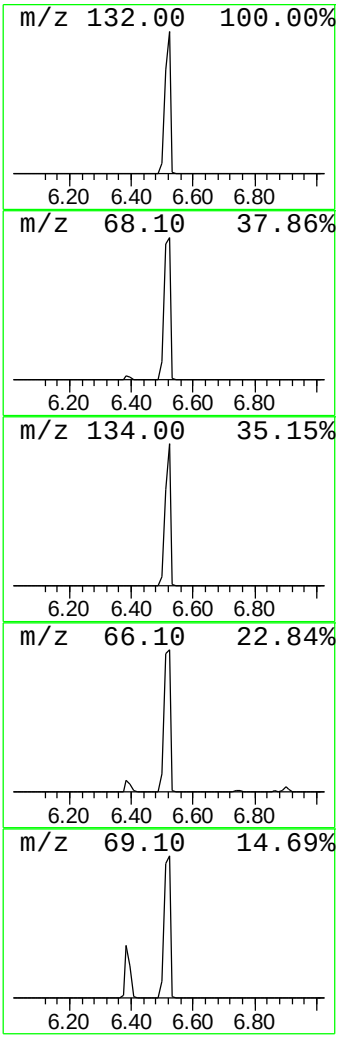
Peak Number 2 unknown6.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	83.17 ng	7423220	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

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Sample : H6156-10
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
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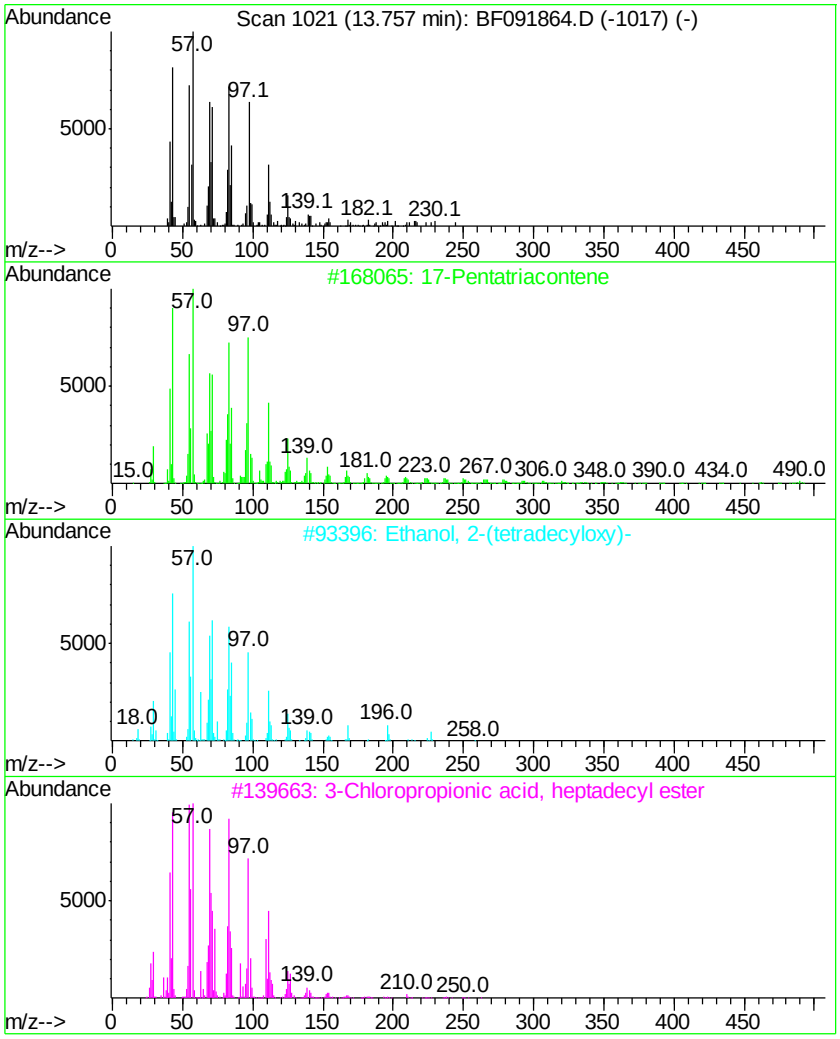
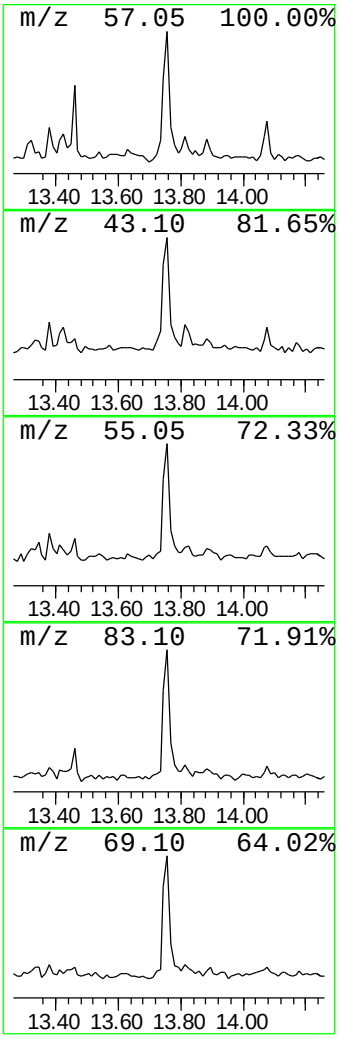
Peak Number 4 17-Pentatriacontene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	2.12 ng	253781	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
3	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	76
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	74
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	74





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
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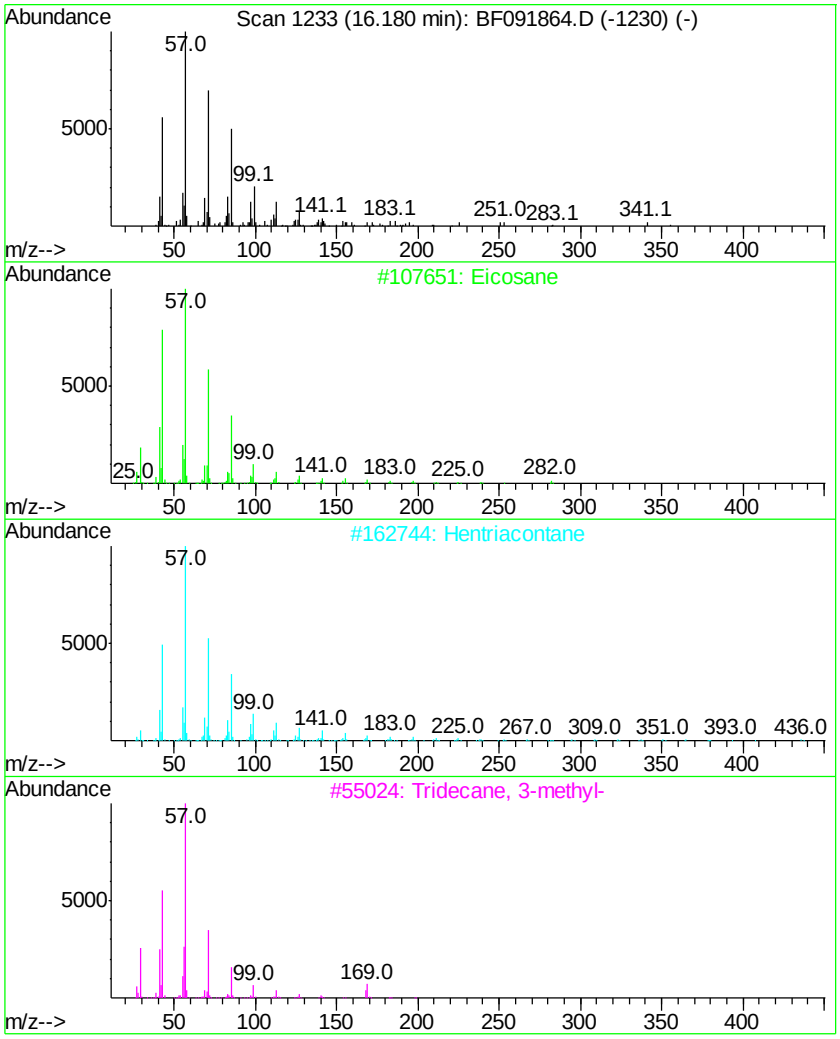
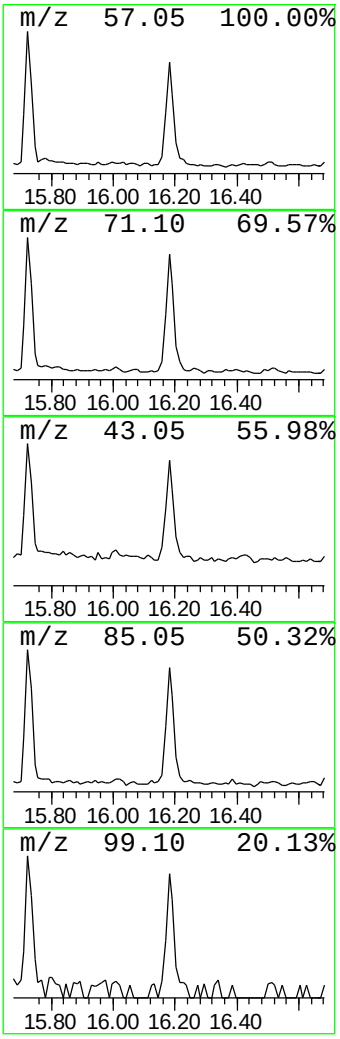
Peak Number 5 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	2.17 ng	192564	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Hentriacontane	437	C31H64	000630-04-6	87
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	86
4	Pentacosane	352	C25H52	000629-99-2	86
5	Triacontane	422	C30H62	000638-68-6	86





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

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc
2-Pentanone, 4-hy...	4.91	11.7	ng	1041110	1	6.75	1784990	20.0
unknown6.52	6.52	83.2	ng	7423220	1	6.75	1784990	20.0
17-Pentatriacontene	13.76	2.1	ng	253781	5	13.89	2391290	20.0
Eicosane	16.18	2.2	ng	192564	6	15.29	1772080	20.0