LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090181.D
Acq On : 22 Sep 2016 1:31
Operator : UM/SJ
Sample : H4856-07 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP

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-BF092016.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	1.667	6	7	43	rVB	1969581	5094828	100.00%	24.027%
2	4.582	260	262	273	rVB	162090	236248	4.64%	1.114%
3	5.062	302	304	307	rBV	898869	1113315	21.85%	5.250%
4	6.159	398	400	408	rBV	1156117	1158120	22.73%	5.462%
5	6.273	408	410	412	rBV	1396515	1263577	24.80%	5.959%
6	6.502	428	430	433	rBV	564789	671747	13.18%	3.168%
7	6.662	442	444	446	rBV	1197118	1018658	19.99%	4.804%
8	7.073	478	480	484	rBV	717052	684416	13.43%	3.228%
9	7.793	541	543	547	rBV	971640	873375	17.14%	4.119%
10	8.879	636	638	640	rBV	1045564	1212510	23.80%	5.718%
11	9.279	670	673	675	rBV	254501	292972	5.75%	1.382%
12	9.542	694	696	698	rBV	703251	790570	15.52%	3.728%
13	10.319	761	764	767	rBV	717476	711407	13.96%	3.355%
14	10.468	775	777	781	rVB	53090	78151	1.53%	0.369%
15	11.005	822	824	825	rBV	931879	819731	16.09%	3.866%
16	11.085	828	831	836	rVB2	22759	54223	1.06%	0.256%
17	11.565	872	873	876	rVV3	40937	79645	1.56%	0.376%
18	11.611	876	877	881	rVB2	41532	61983	1.22%	0.292%
19	12.205	926	929	931	rBV	283012	279728	5.49%	1.319%
20	12.422	945	948	950	rBV	258683	296642	5.82%	1.399%
21	12.582	960	962	965	rBV	944745	1096075	21.51%	5.169%
22	12.857	984	986	990	rBV3	32402	52462	1.03%	0.247%
23	13.508	1040	1043	1046	rVB3	202919	292274	5.74%	1.378%
24	13.611	1050	1052	1057	rBV	718007	1264770	24.82%	5.965%
25	14.400	1118	1121	1124	rBV	303070	405124	7.95%	1.911%
26	14.605	1136	1139	1142	rBV	136827	307482	6.04%	1.450%
27	14.845	1158	1160	1162	rVB	101267	118806	2.33%	0.560%
28	14.891	1162	1164	1166	rBV	108642	138310	2.71%	0.652%
29	14.948	1166	1169	1171	rBV	523085	737618	14.48%	3.479%

Sum of corrected areas: 21204767

LSC Report - Integrated Chromatogram

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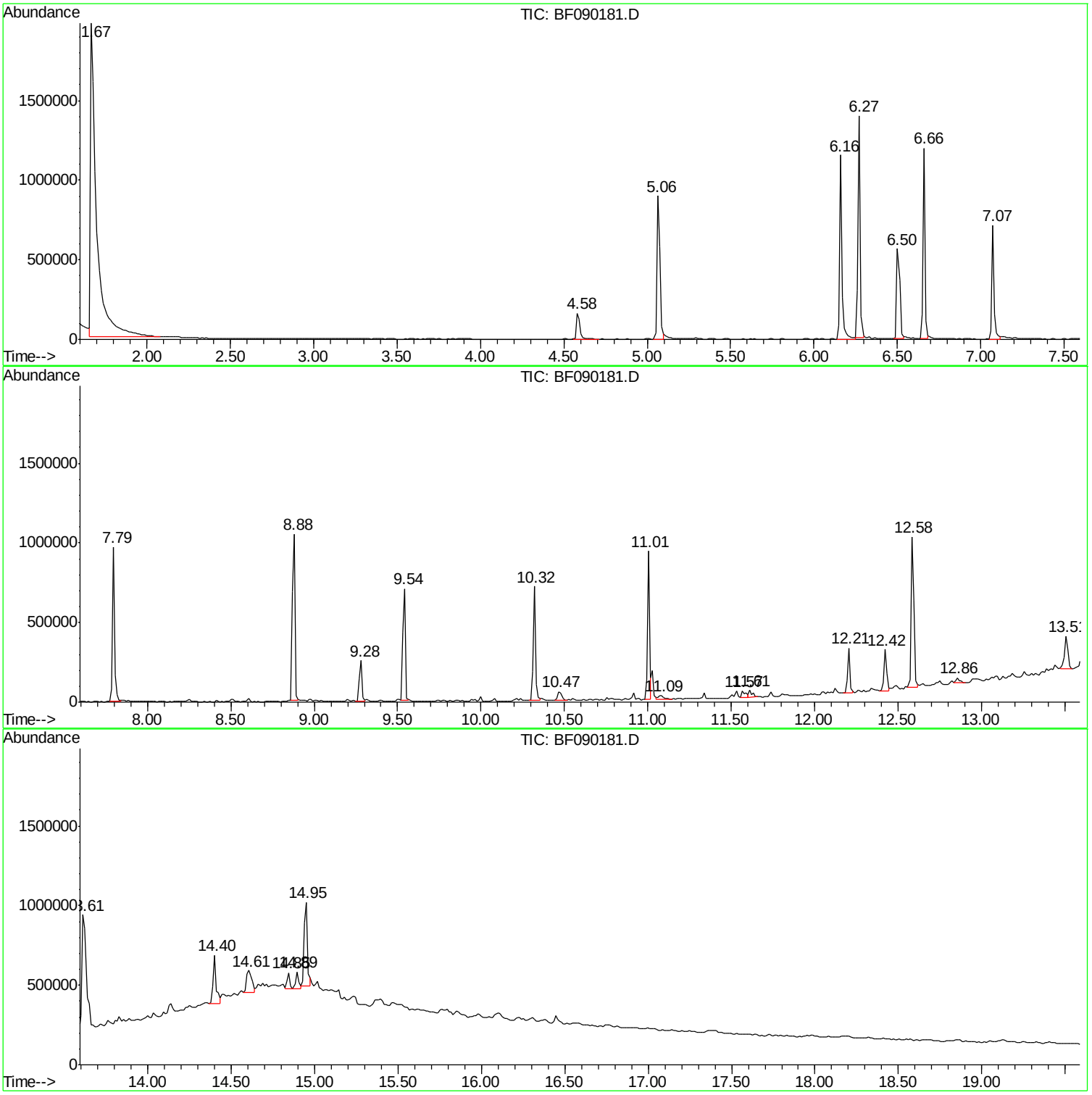
Instrument : BNA_F
ClientSampleId : DUP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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

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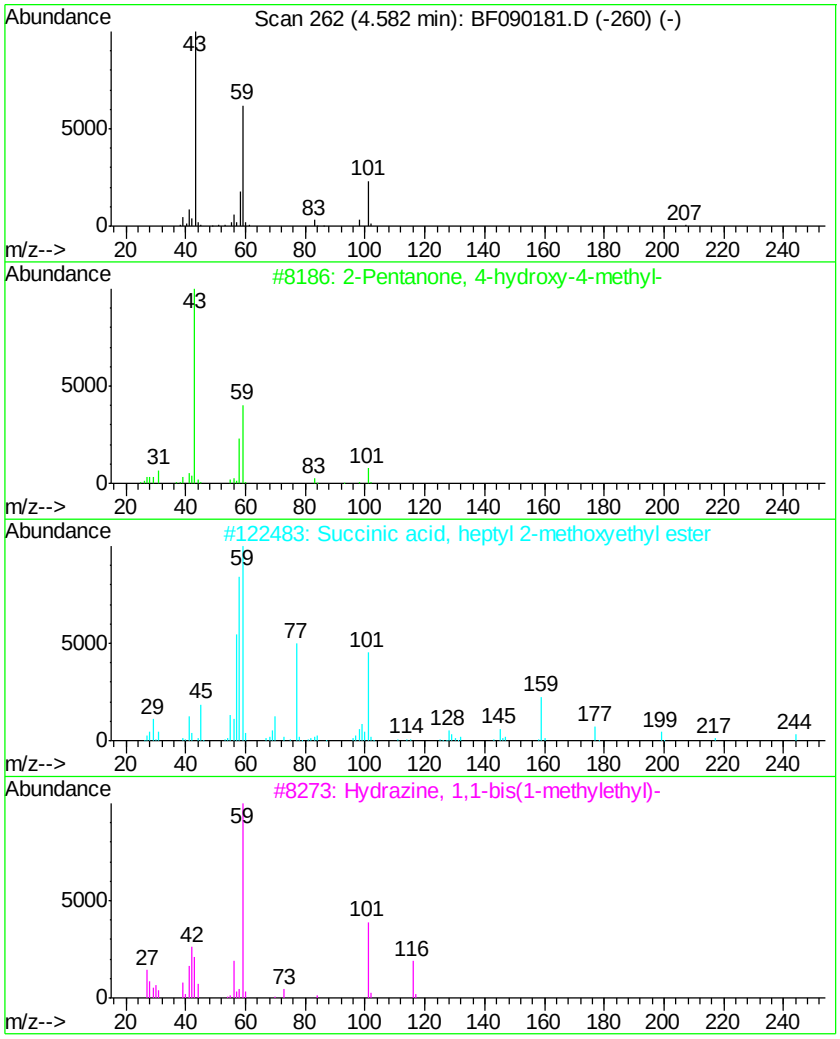
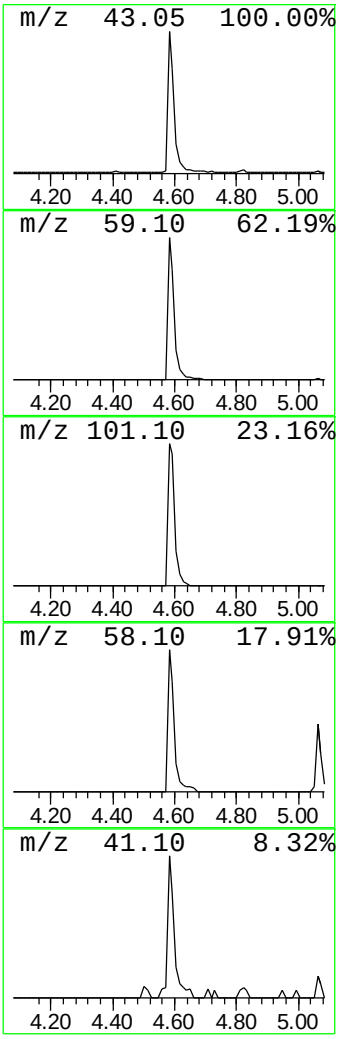
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.58	7.03 ng	236248	1,4-Dichlorobenzene-d4	6.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	28
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
4	Acetone	58	C3H6O	000067-64-1	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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ClientSampleId : DUP

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

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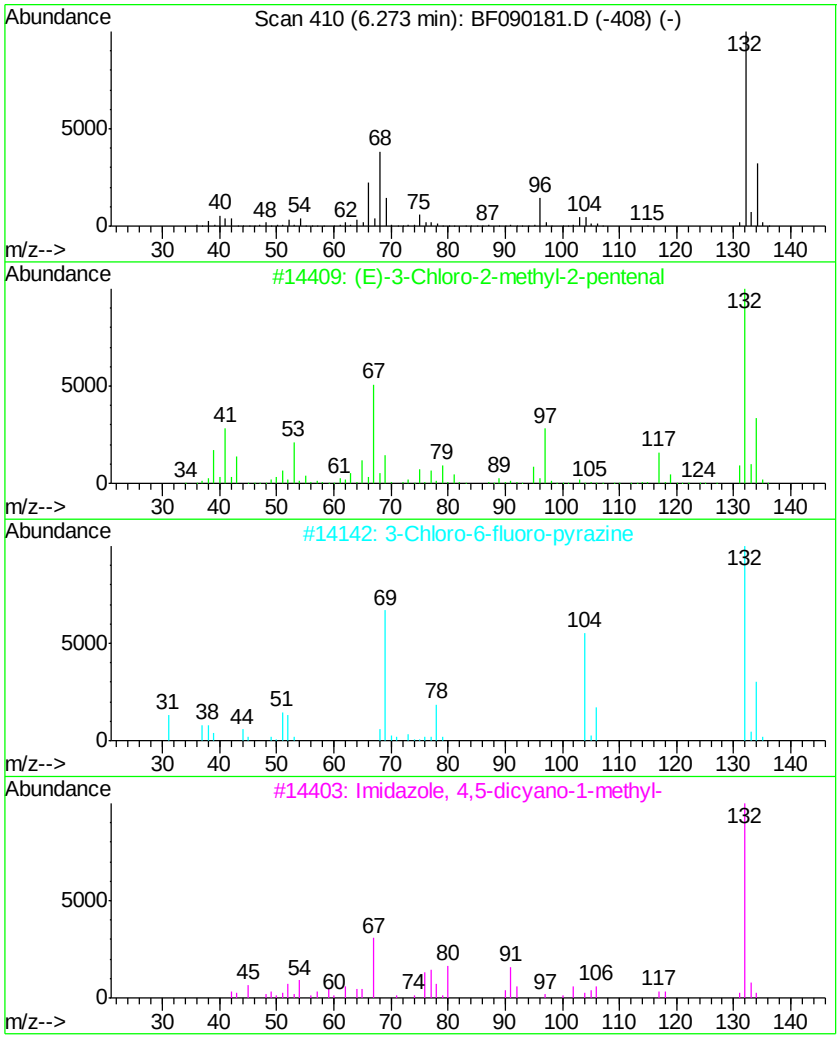
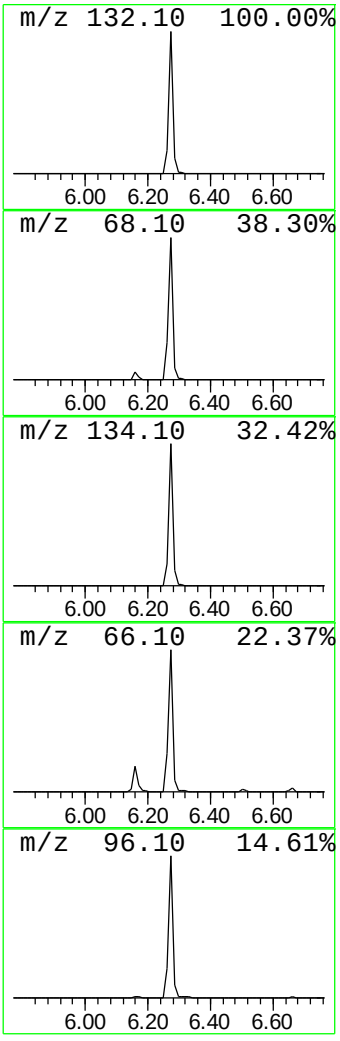
Peak Number 3 unknown6.27 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	37.62 ng	1263580	1,4-Dichlorobenzene-d4	6.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Misc :
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Instrument : BNA_F
ClientSampleId : DUP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
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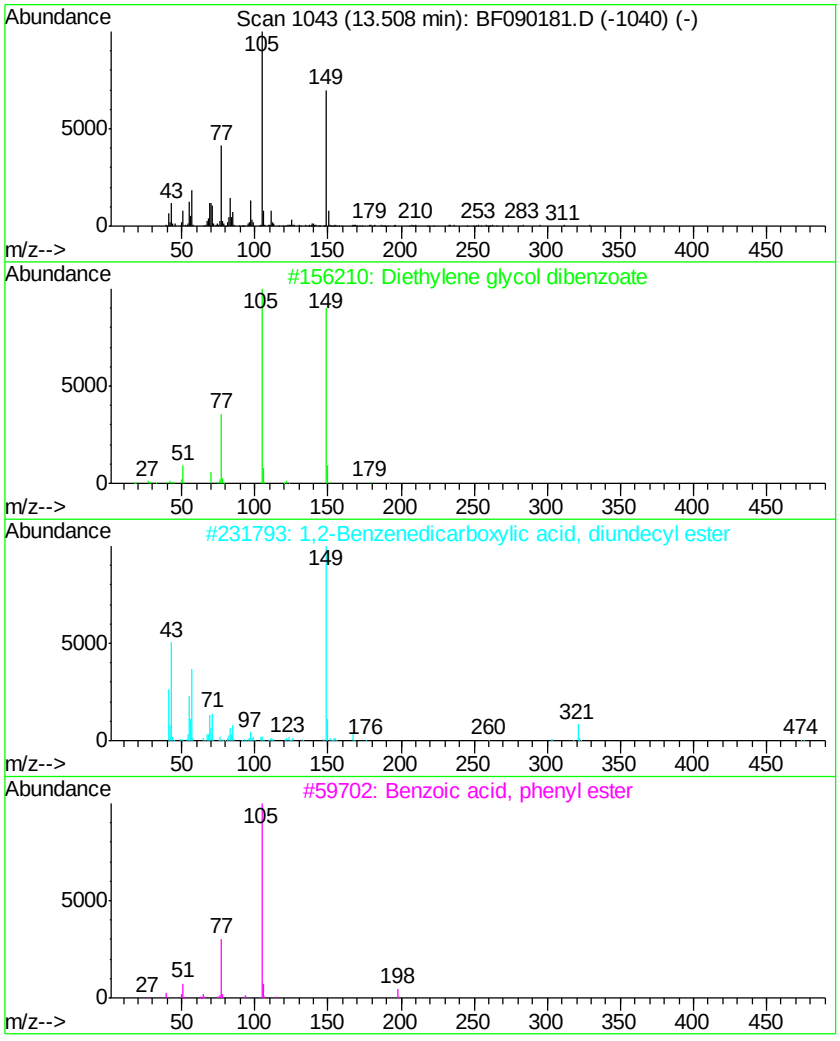
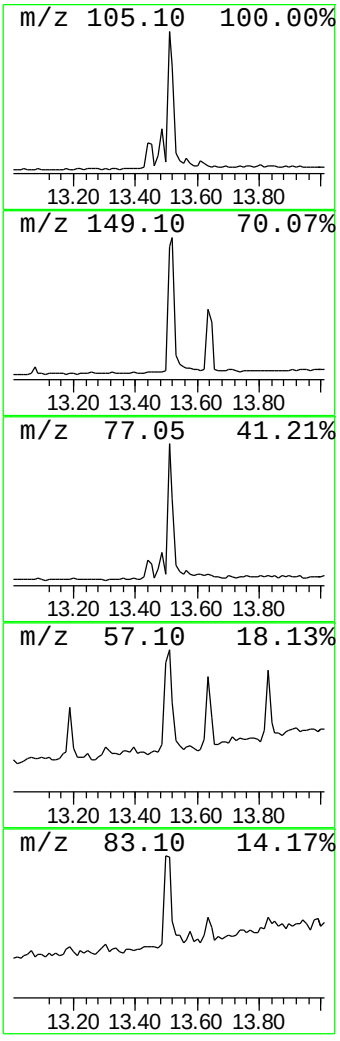
Peak Number 5 unknown13.51 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	4.62 ng	292274	Chrysene-d12	13.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	43
2	1,2-Benzenedicarboxylic acid, di...	474	C30H50O4	003648-20-2	35
3	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	35
4	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	35
5	Benzo[b]thiophene-3-carboxylic a...	343	C18H17NO4S	096334-43-9	35





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Instrument : BNA_F
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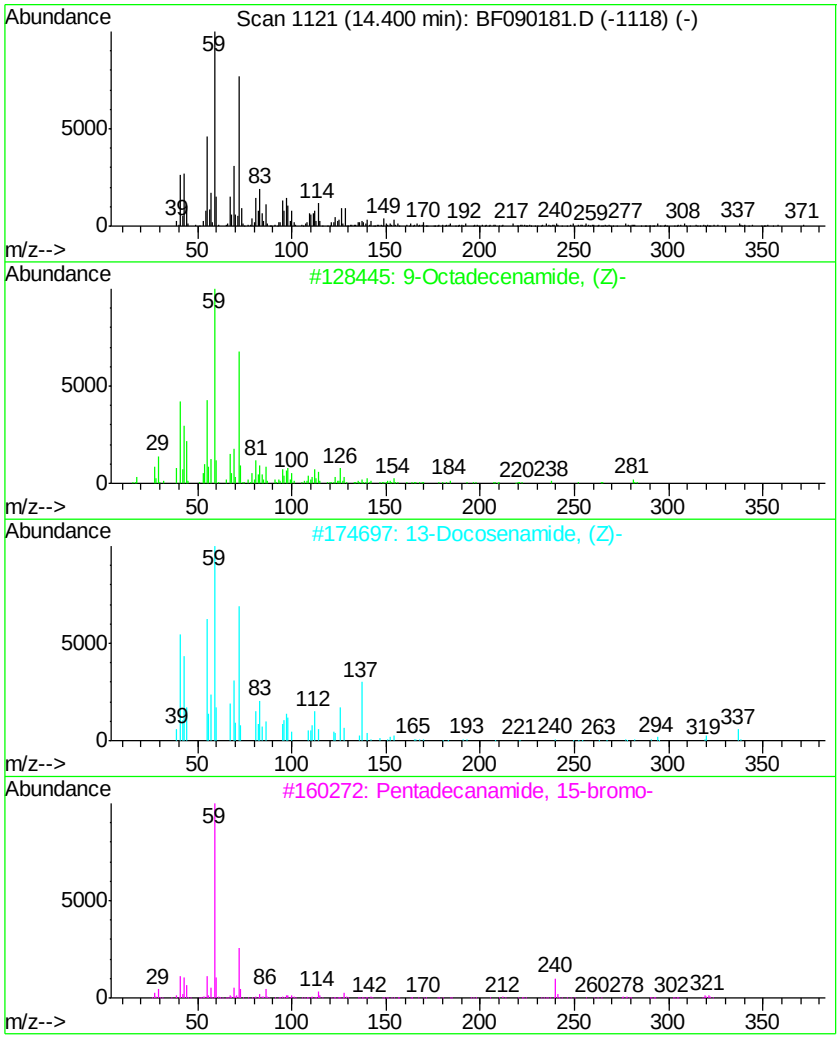
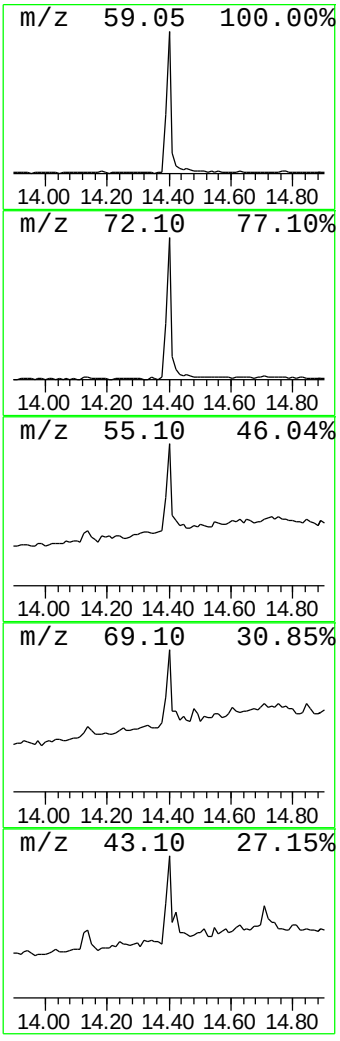
Peak Number 6 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	10.98 ng	405124	Perylene-d12	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	78
3	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	43
4	Dodecanamide	199	C12H25NO	001120-16-7	38
5	Nonanamide	157	C9H19NO	001120-07-6	38





Tentatively Identified Compound (LSC) summary

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.58	7.0	ng	236248	1	6.50	671747	20.0
unknown6.27	6.27	37.6	ng	1263580	1	6.50	671747	20.0
unknown13.51	13.51	4.6	ng	292274	5	13.62	1264770	20.0
9-Octadecenamide,...	14.40	11.0	ng	405124	6	14.95	737618	20.0