LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
Data File : BF093039.D
Acq On : 20 Feb 2017 20:15
Operator : SJ/MA
Sample : I1909-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NWP-RW-3

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-BF013017.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	5.001	253	255	263	rBV	572117	710850	14.65%	1.977%
2	5.436	291	293	296	rBV	2348781	2181168	44.95%	6.065%
3	6.476	382	384	387	rBV	1645225	1433092	29.53%	3.985%
4	6.613	393	396	398	rBV	3824505	3582463	73.82%	9.961%
5	6.841	414	416	419	rBV	1030002	917433	18.91%	2.551%
6	7.002	427	430	432	rBV	3479510	3215256	66.26%	8.940%
7	7.413	463	466	469	rVB	2589574	2580297	53.17%	7.175%
8	7.619	481	484	486	rBV2	100911	123394	2.54%	0.343%
9	7.779	496	498	499	rBV2	38287	50723	1.05%	0.141%
10	7.870	503	506	508	rBV	331168	337220	6.95%	0.938%
11	8.133	527	529	532	rBV	1347675	1313681	27.07%	3.653%
12	8.179	532	533	535	rVB	137898	122647	2.53%	0.341%
13	8.407	548	553	557	rBV5	40904	113007	2.33%	0.314%
14	8.522	559	563	565	rVB2	85821	104975	2.16%	0.292%
15	8.602	568	570	572	rBV2	92312	96803	1.99%	0.269%
16	8.727	579	581	583	rVB2	60926	55038	1.13%	0.153%
17	8.773	583	585	586	rBV2	30141	50049	1.03%	0.139%
18	8.796	586	587	589	rVB2	57501	54515	1.12%	0.152%
19	8.945	596	600	602	rBV2	154443	233857	4.82%	0.650%
20	9.082	609	612	614	rVB3	53141	95640	1.97%	0.266%
21	9.219	621	624	626	rBV	4659527	4852789	100.00%	13.493%
22	9.482	644	647	649	rBV2	58404	106813	2.20%	0.297%
23	9.550	650	653	654	rVV	129471	152684	3.15%	0.425%
24	9.607	657	658	660	rVV	420799	361635	7.45%	1.006%
25	9.665	662	663	669	rVB2	64932	139438	2.87%	0.388%
26	9.893	680	683	685	rBV	1370895	1413149	29.12%	3.929%
27	10.053	694	697	698	rBV3	26367	53538	1.10%	0.149%
28	10.088	698	700	703	rVB3	54605	84505	1.74%	0.235%
29	10.202	708	710	712	rBV2	57347	75629	1.56%	0.210%
30	10.305	714	719	722	rBV3	120272	229798	4.74%	0.639%
31	10.499	734	736	739	rVV	125411	119608	2.46%	0.333%
32	10.682	749	752	754	rBV	2483276	2665088	54.92%	7.410%
33	10.796	758	762	765	rVB3	59159	121168	2.50%	0.337%
34	10.876	767	769	772	rBV3	38219	51363	1.06%	0.143%

LSC Area Percent Report

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Operator : SJ/MA
Sample : I1909-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NWP-RW-3

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-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.979	775	778	779	rBV3	32743	57644	1.19%	0.160%
36	11.013	779	781	785	rVB2	65261	87828	1.81%	0.244%
37	11.242	797	801	802	rBV2	60927	101850	2.10%	0.283%
38	11.265	802	803	806	rVB	92993	84399	1.74%	0.235%
39	11.368	810	812	815	rVV2	1082582	1200332	24.73%	3.338%
40	11.596	830	832	837	rVB2	89428	155421	3.20%	0.432%
41	11.985	863	866	869	rVB5	22798	53665	1.11%	0.149%
42	12.419	902	904	906	rBV2	54056	60895	1.25%	0.169%
43	12.956	948	951	953	rBV	4008162	3949272	81.38%	10.981%
44	13.848	1027	1029	1034	rBV	140150	193210	3.98%	0.537%
45	13.996	1040	1042	1045	rBV	727302	1018131	20.98%	2.831%
46	15.425	1164	1167	1172	rVB	551678	851032	17.54%	2.366%
47	15.860	1202	1205	1208	rVB	61269	87169	1.80%	0.242%
48	16.340	1244	1247	1253	rVB2	49087	112919	2.33%	0.314%
49	16.888	1292	1295	1300	rVB2	37800	80910	1.67%	0.225%
50	17.540	1349	1352	1357	rVB	27883	70281	1.45%	0.195%

Sum of corrected areas: 35964271

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
Data File : BF093039.D
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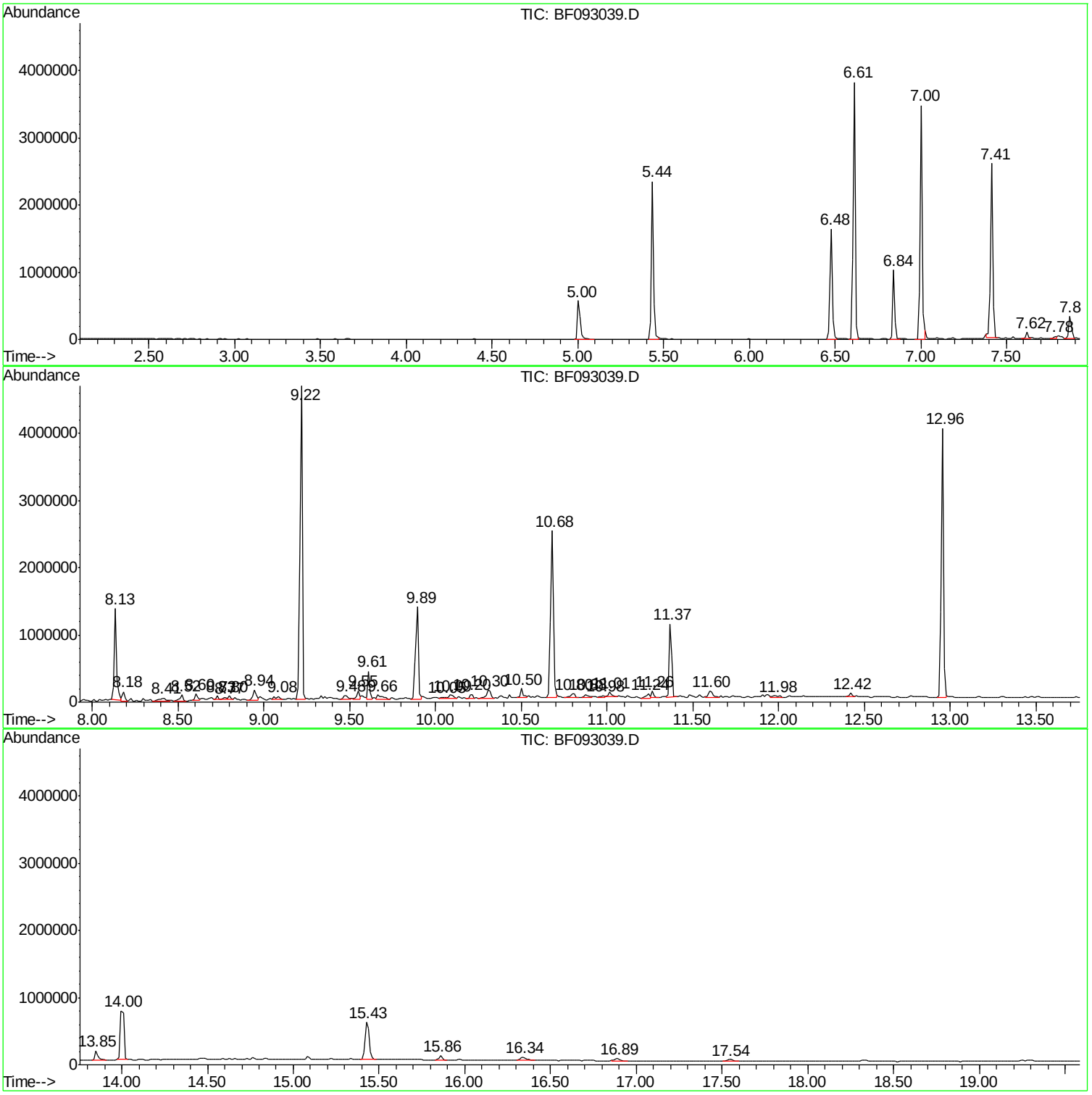
Operator : SJ/MA
Sample : I1909-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NWP-RW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
Data File : BF093039.D
Acq On : 20 Feb 2017 20:15
Operator : SJ/MA
Sample : I1909-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NWP-RW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

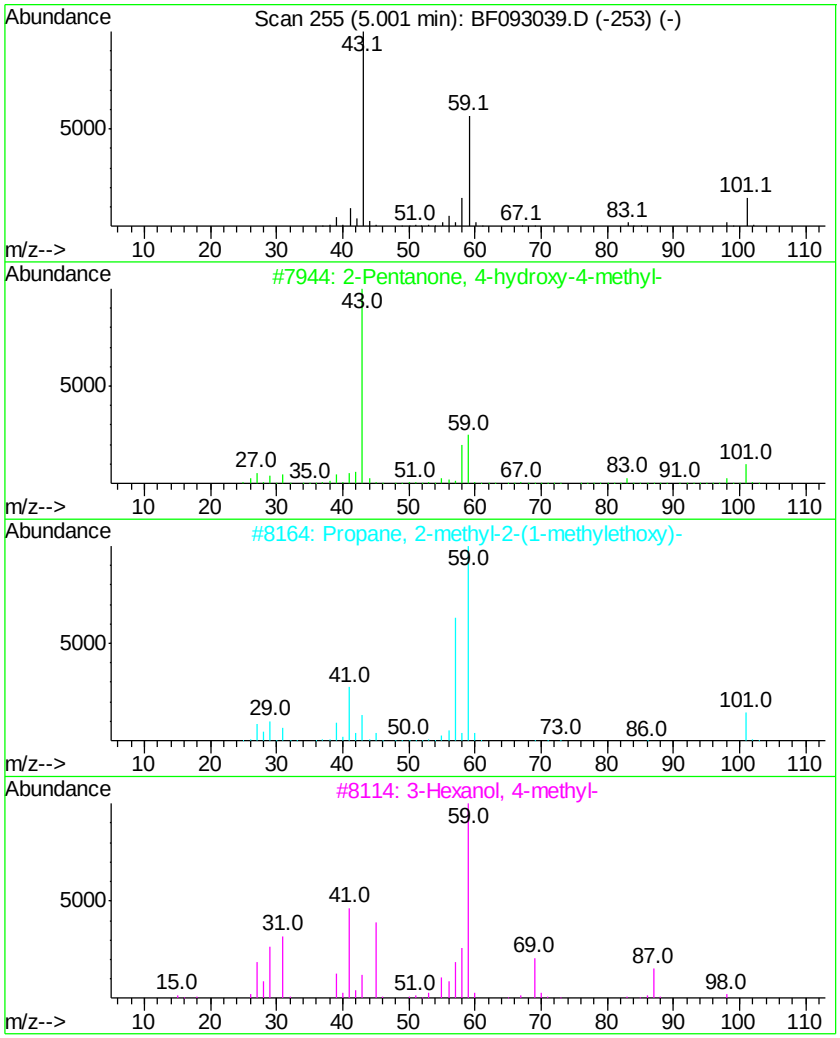
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

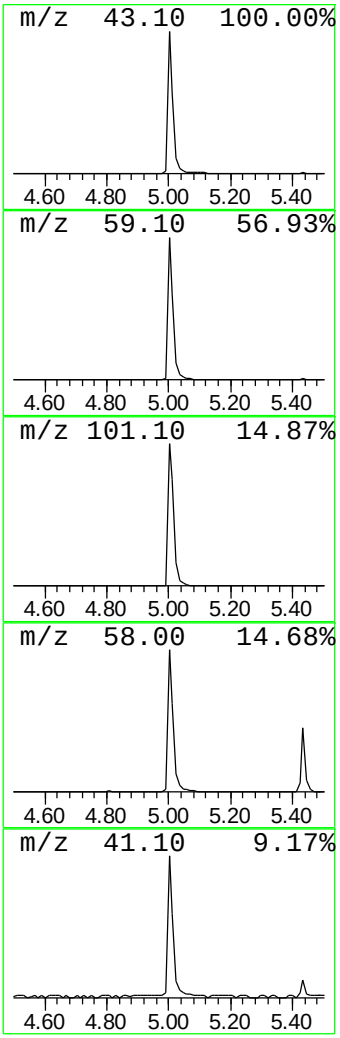
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	15.50 ng	710850	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	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





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Operator : SJ/MA
Sample : I1909-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NWP-RW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

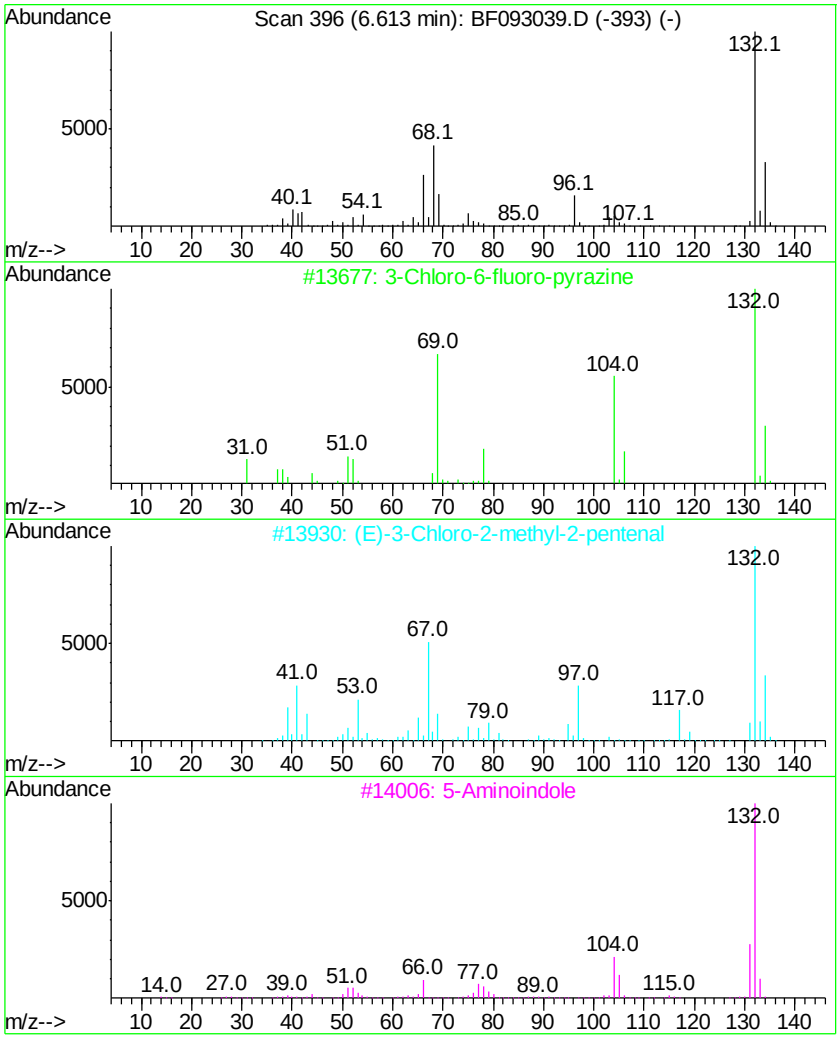
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

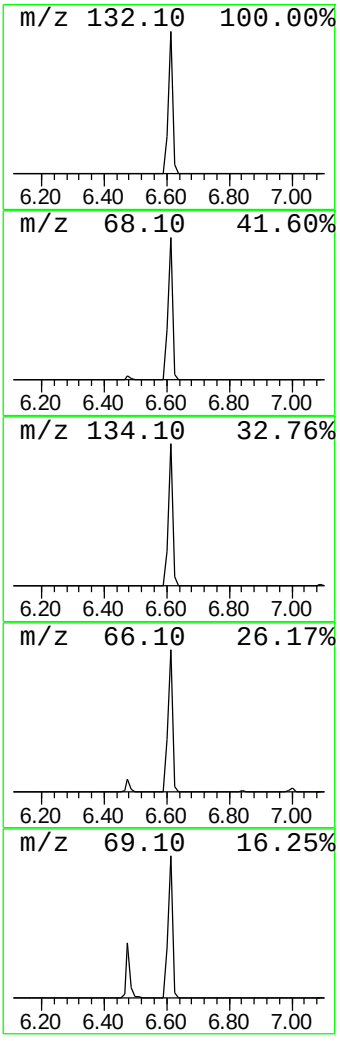
****

Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	78.10 ng	3582460	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	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	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
Data File : BF093039.D
Acq On : 20 Feb 2017 20:15
Operator : SJ/MA
Sample : I1909-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NWP-RW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

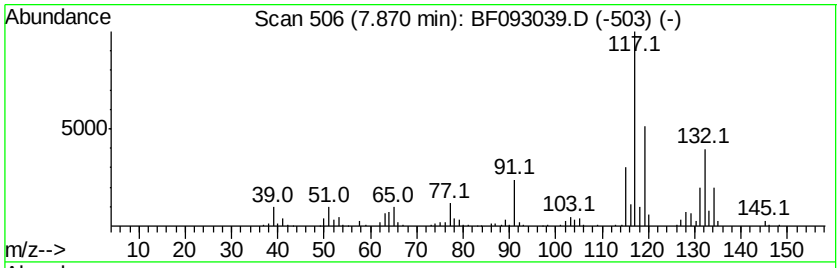
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

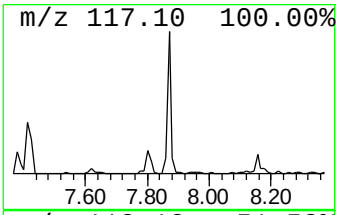
****

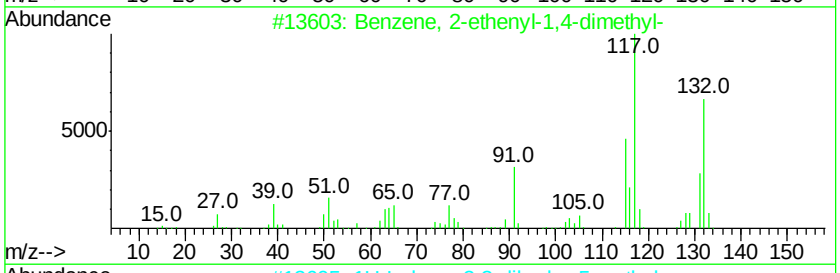
Peak Number 4 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

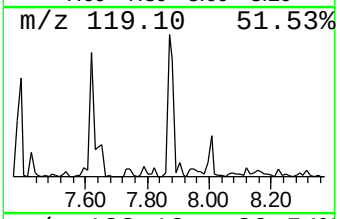
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	5.13 ng	337220	Naphthalene-d8	8.13

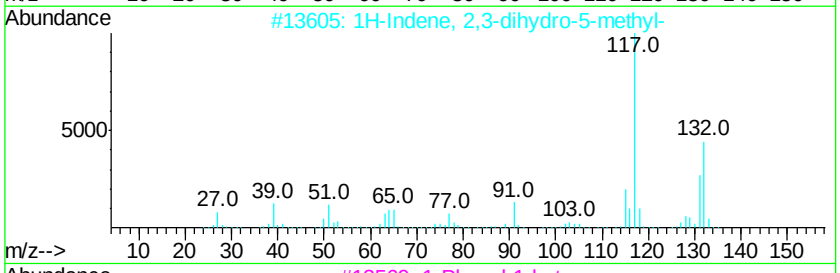
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
5	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90

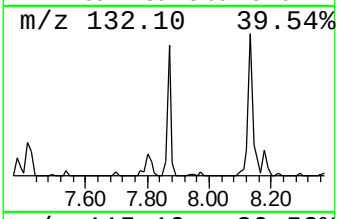


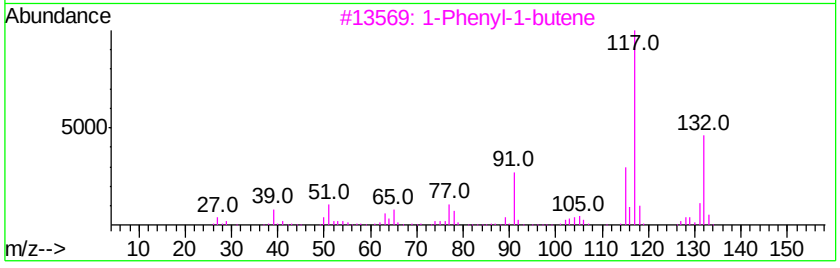


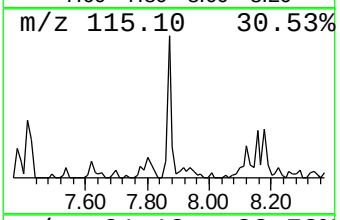


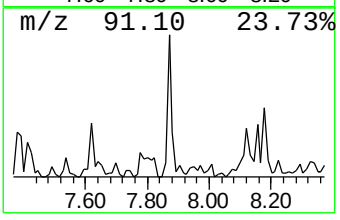












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Sample : I1909-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NWP-RW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

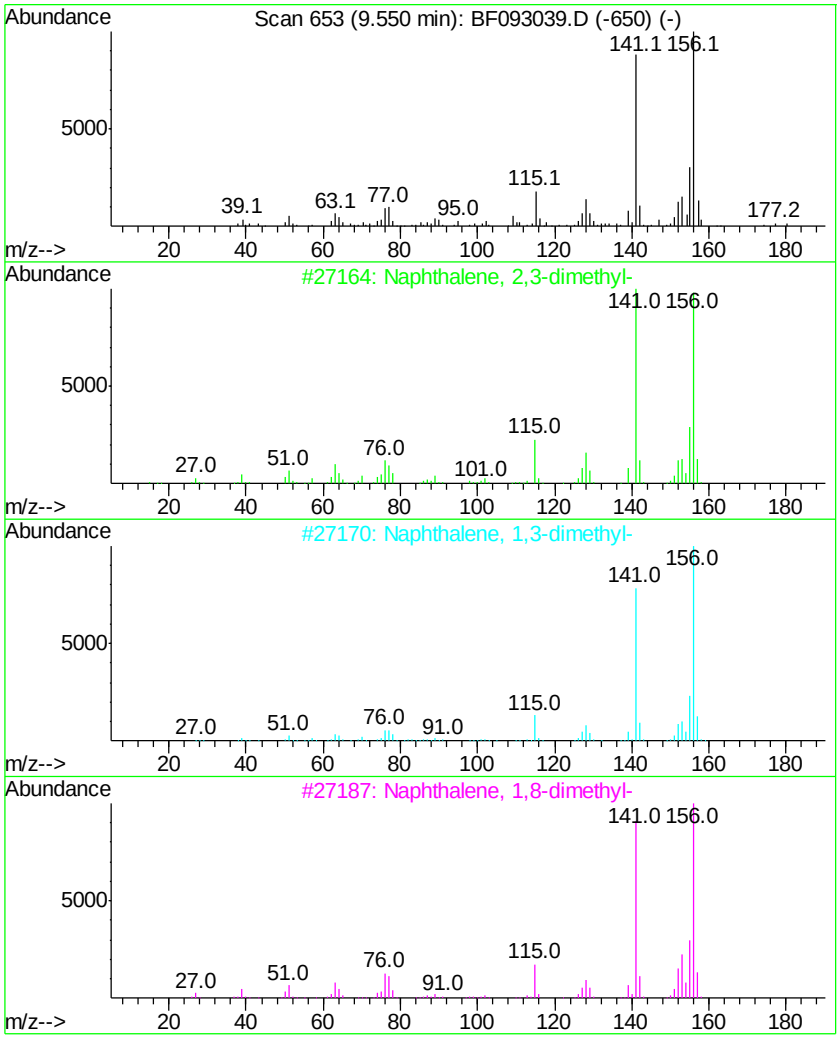
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

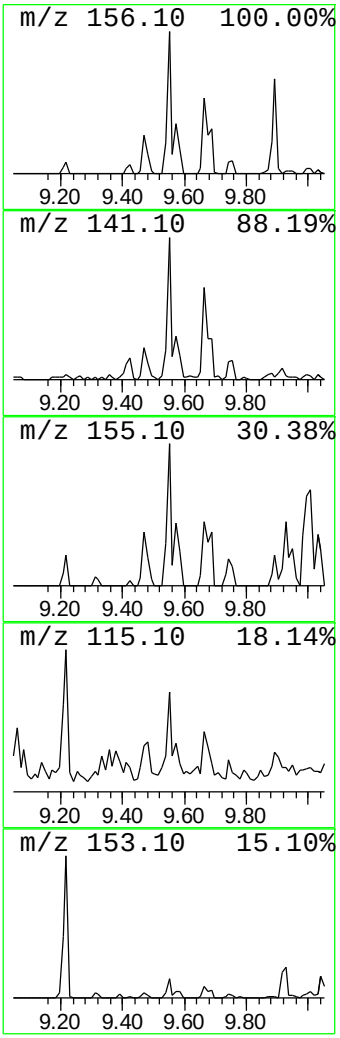
****

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	2.16 ng	152684	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Instrument : BNA_F
ClientSampleId : NWP-RW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

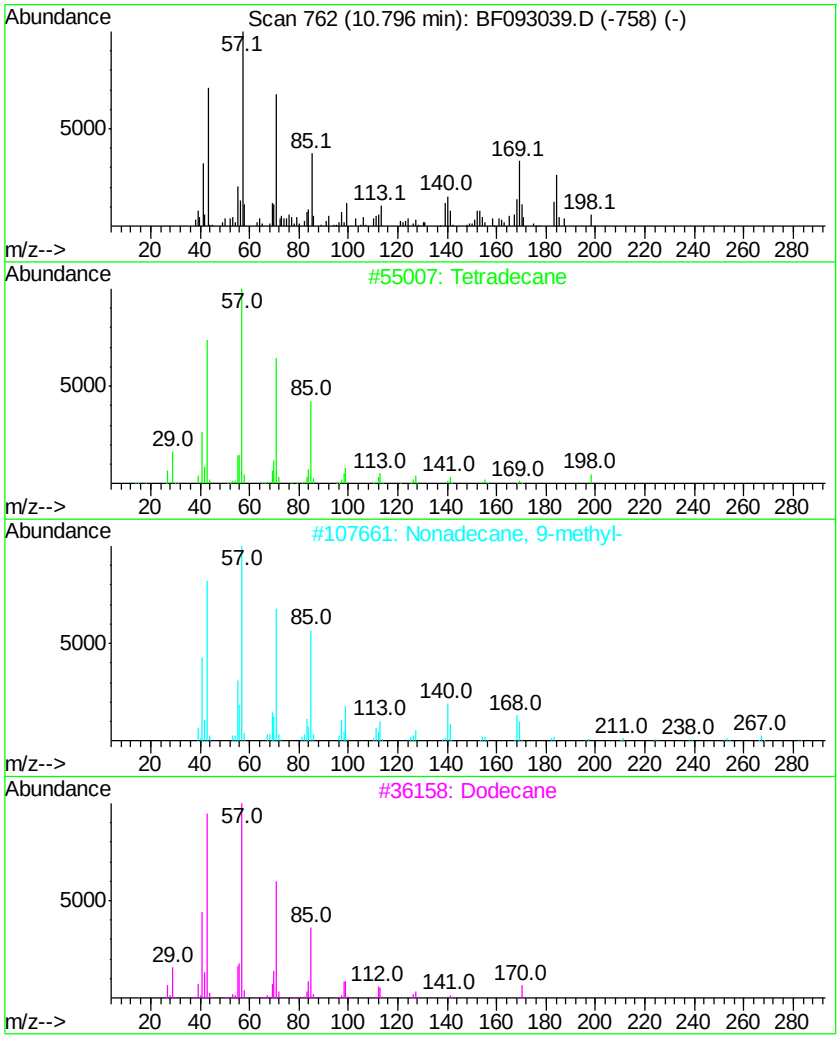
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

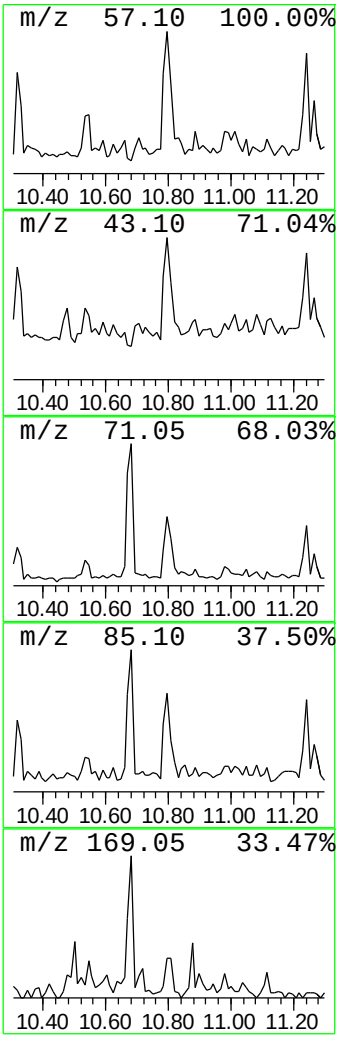
****

Peak Number 7 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	2.02 ng	121168	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	60
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	49
3	Dodecane	170	C12H26	000112-40-3	46
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	43
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	38





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Operator : SJ/MA
Sample : I1909-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NWP-RW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

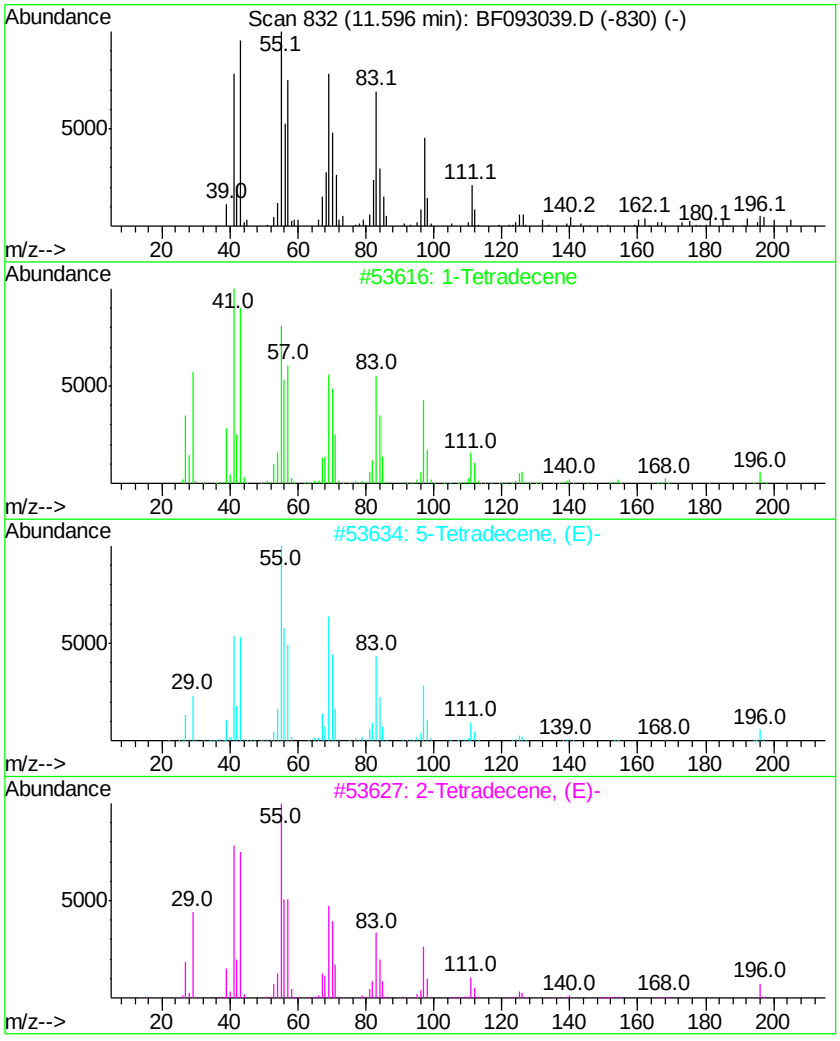
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

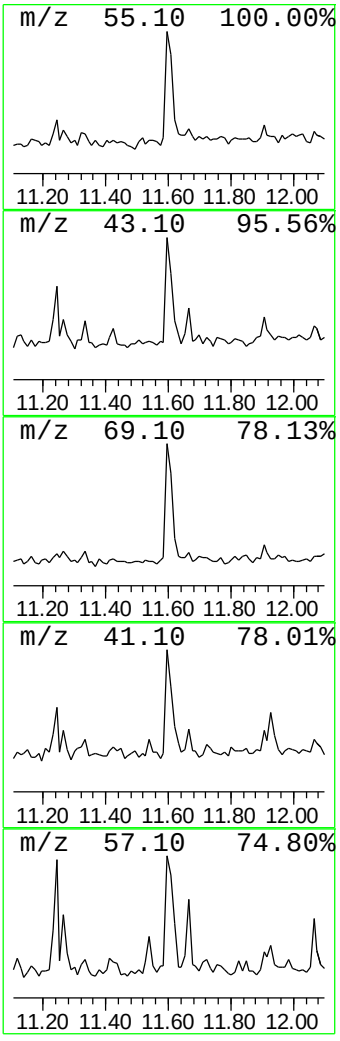
****

Peak Number 8 1-Tetradecene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	2.59 ng	155421	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetradecene	196	C14H28	001120-36-1	96
2	5-Tetradecene, (E)-	196	C14H28	041446-66-6	95
3	2-Tetradecene, (E)-	196	C14H28	035953-53-8	94
4	3-Tetradecene, (Z)-	196	C14H28	041446-67-7	94
5	6-Tetradecene, (Z)-	196	C14H28	041446-61-1	94





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
Data File : BF093039.D
Acq On : 20 Feb 2017 20:15
Operator : SJ/MA
Sample : I1909-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NWP-RW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

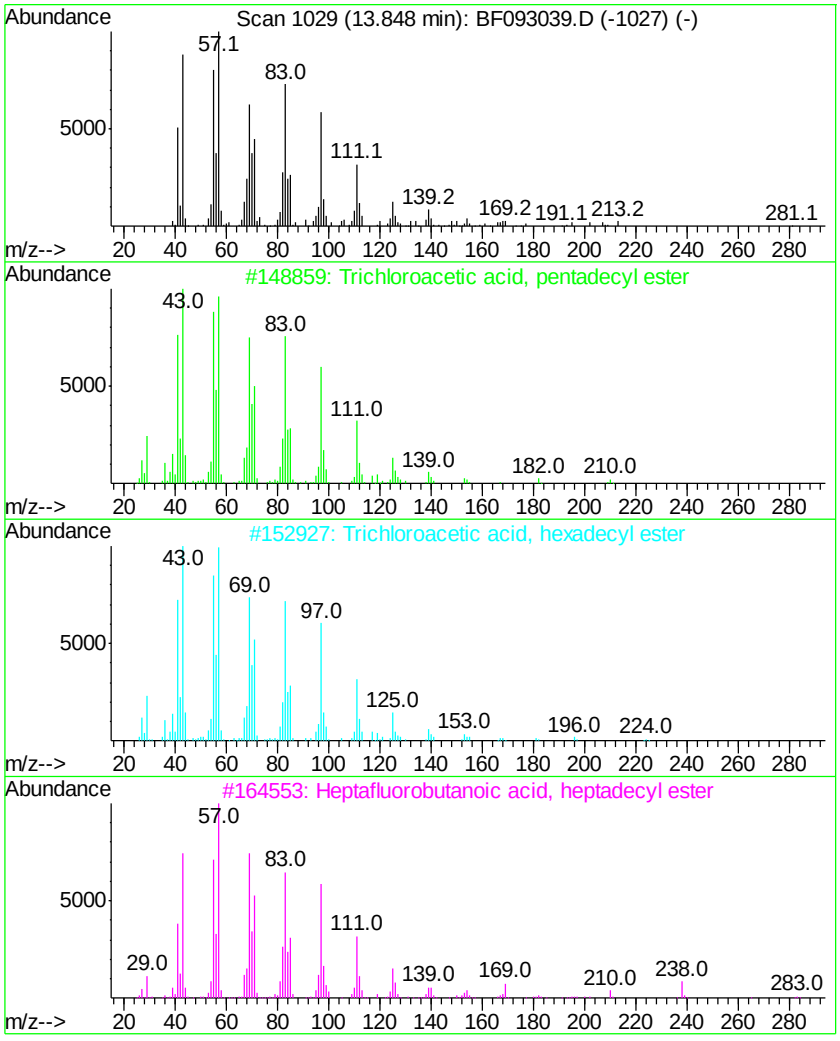
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

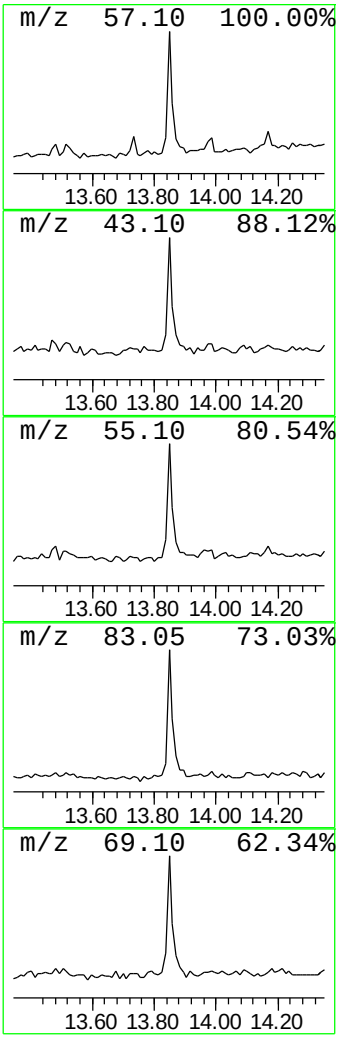
****

Peak Number 9 Trichloroacetic acid, penta... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	3.80 ng	193210	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
Data File : BF093039.D
Acq On : 20 Feb 2017 20:15
Operator : SJ/MA
Sample : I1909-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NWP-RW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

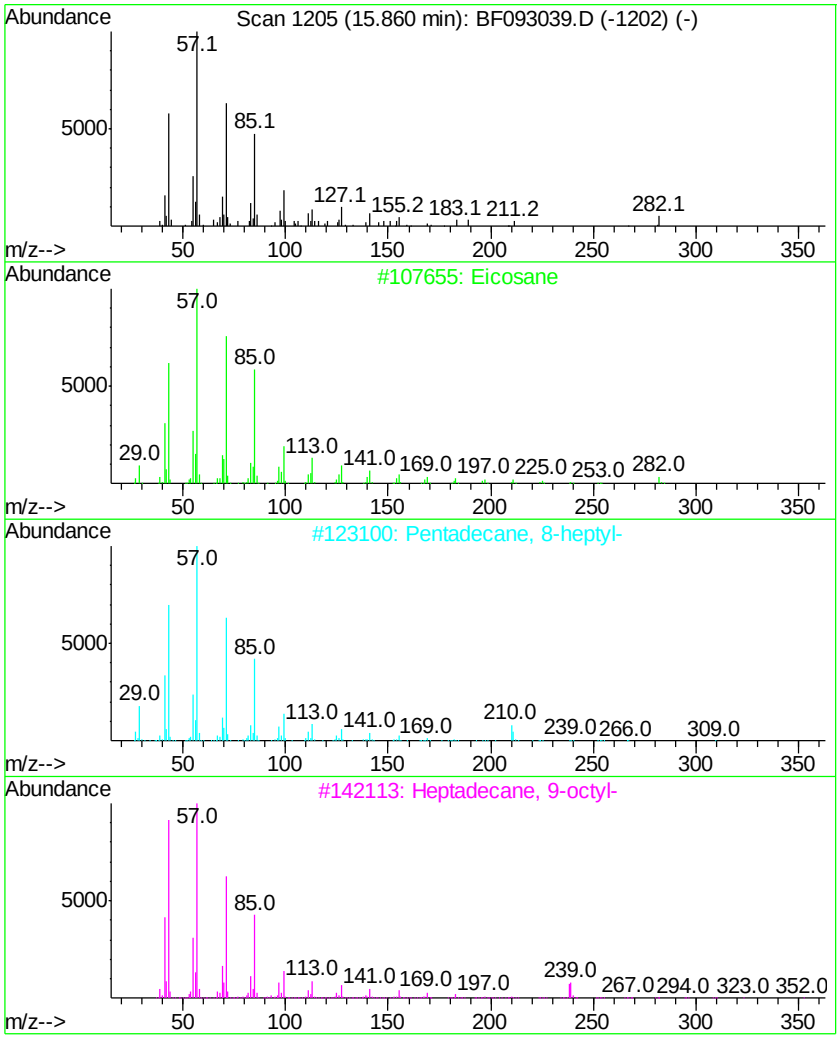
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

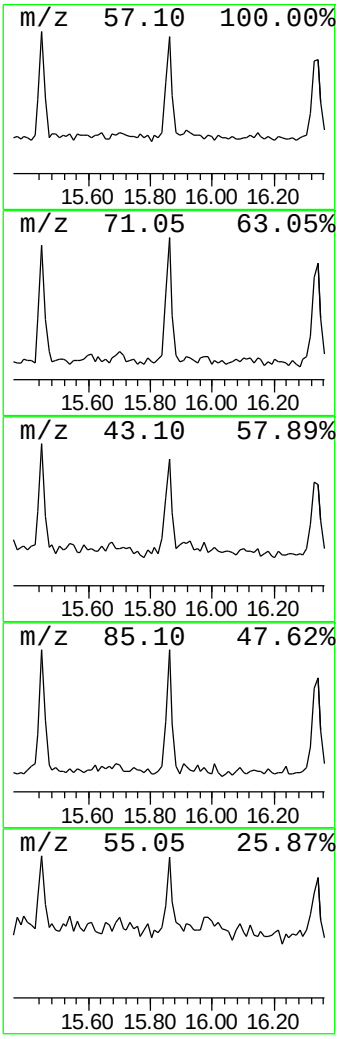
****

Peak Number 10 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	2.05 ng	87169	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Nonacosane	408	C29H60	000630-03-5	90
5	Octadecane	254	C18H38	000593-45-3	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
Data File : BF093039.D
Acq On : 20 Feb 2017 20:15
Operator : SJ/MA
Sample : I1909-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NWP-RW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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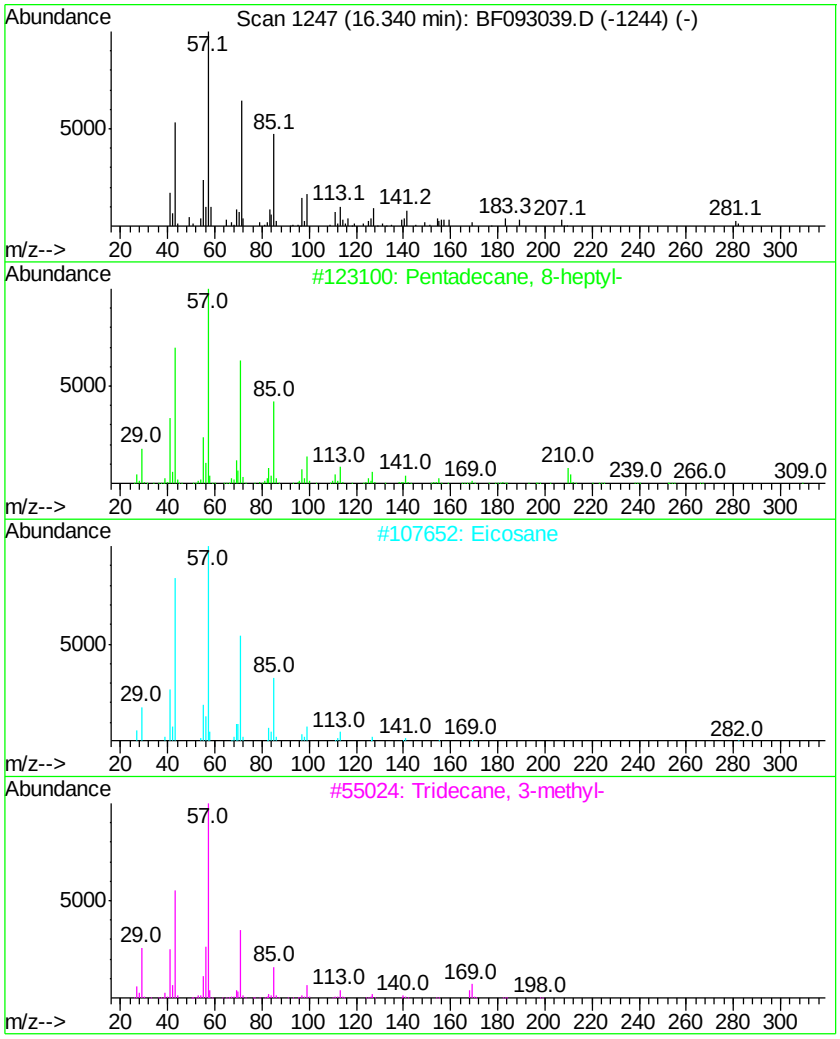
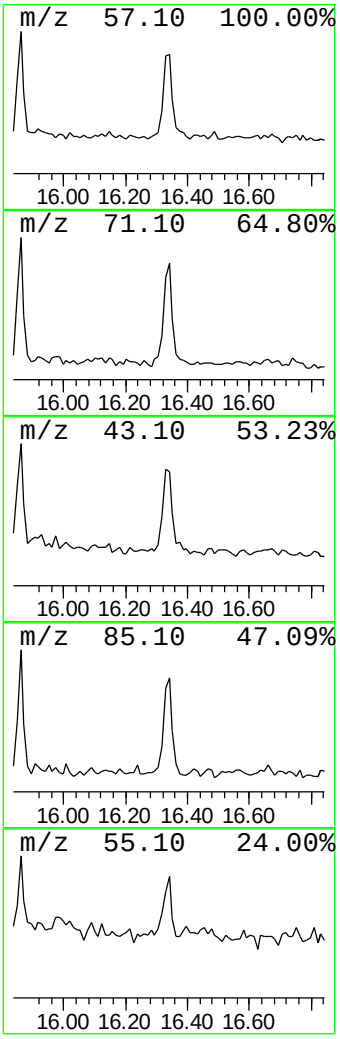
Peak Number 11 Pentadecane, 8-heptyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	2.65 ng	112919	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
2	Eicosane	282	C20H42	000112-95-8	80
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	80
4	Octadecane	254	C18H38	000593-45-3	80
5	Triacontane	422	C30H62	000638-68-6	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022017\
Data File : BF093039.D
Acq On : 20 Feb 2017 20:15
Operator : SJ/MA
Sample : I1909-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NWP-RW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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...	5.00	15.5	ng	710850	1	6.84	917433	20.0
unknown6.61	6.61	78.1	ng	3582460	1	6.84	917433	20.0
Benzene, 2-etheny...	7.87	5.1	ng	337220	2	8.13	1313680	20.0
Naphthalene, 2,3-...	9.55	2.2	ng	152684	3	9.89	1413150	20.0
Tetradecane	10.80	2.0	ng	121168	4	11.37	1200330	20.0
1-Tetradecene	11.60	2.6	ng	155421	4	11.37	1200330	20.0
Trichloroacetic a...	13.85	3.8	ng	193210	5	14.01	1018130	20.0
Eicosane	15.86	2.0	ng	87169	6	15.43	851032	20.0
Pentadecane, 8-he...	16.34	2.6	ng	112919	6	15.43	851032	20.0