LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
Data File : BF091823.D
Acq On : 20 Dec 2016 16:40
Operator : UM/SJ
Sample : H6165-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-9-10

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-BF121716.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	4.933	246	249	257	rBV	1441333	2351293	34.37%	4.783%
2	5.378	285	288	290	rBV	5864919	6841297	100.00%	13.915%
3	6.419	375	379	381	rBV	5123226	6199505	90.62%	12.610%
4	6.533	386	389	392	rBV	4931881	4968005	72.62%	10.105%
5	6.761	407	409	411	rBV	1347479	1136170	16.61%	2.311%
6	6.921	420	423	425	rVB	4103646	4276257	62.51%	8.698%
7	7.322	455	458	461	rBV	2170948	3137018	45.85%	6.381%
8	8.042	519	521	524	rBV	1191558	1344181	19.65%	2.734%
9	9.047	607	609	613	rBV	277118	270890	3.96%	0.551%
10	9.127	613	616	618	rBV	5084613	5311997	77.65%	10.805%
11	9.516	648	650	653	rBV	530907	592310	8.66%	1.205%
12	9.802	672	675	677	rBV	1248611	1436085	20.99%	2.921%
13	10.236	712	713	715	rVB	106488	80132	1.17%	0.163%
14	10.590	741	744	746	rBV	2461756	2666722	38.98%	5.424%
15	10.705	752	754	759	rVB	108300	154904	2.26%	0.315%
16	11.150	792	793	795	rBV	71702	97130	1.42%	0.198%
17	11.276	802	804	807	rBV	1270679	1272844	18.61%	2.589%
18	12.865	941	943	946	rBV	3676597	3681898	53.82%	7.489%
19	13.105	962	964	965	rVB	79481	69678	1.02%	0.142%
20	13.768	1019	1022	1025	rBV	394917	546988	8.00%	1.113%
21	13.916	1032	1035	1037	rBV	1075304	1226655	17.93%	2.495%
22	13.962	1037	1039	1042	rVV3	48388	105258	1.54%	0.214%
23	14.396	1075	1077	1079	rBV	247039	376522	5.50%	0.766%
24	15.322	1155	1158	1160	rBV	727253	1019630	14.90%	2.074%

Sum of corrected areas: 49163369

LSC Report - Integrated Chromatogram

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Operator : UM/SJ
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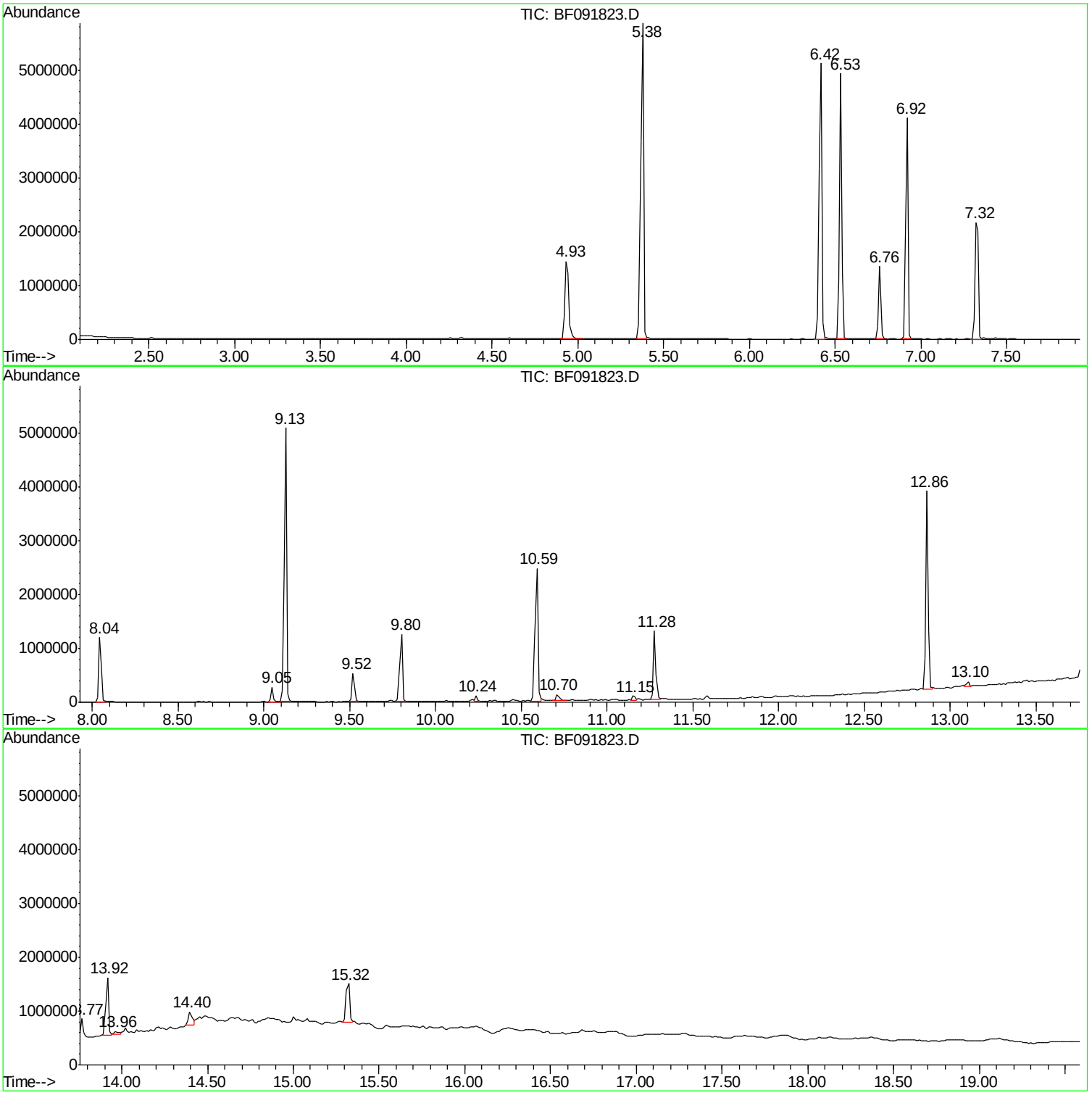
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-9-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
Data File : BF091823.D
Acq On : 20 Dec 2016 16:40
Operator : UM/SJ
Sample : H6165-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-9-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

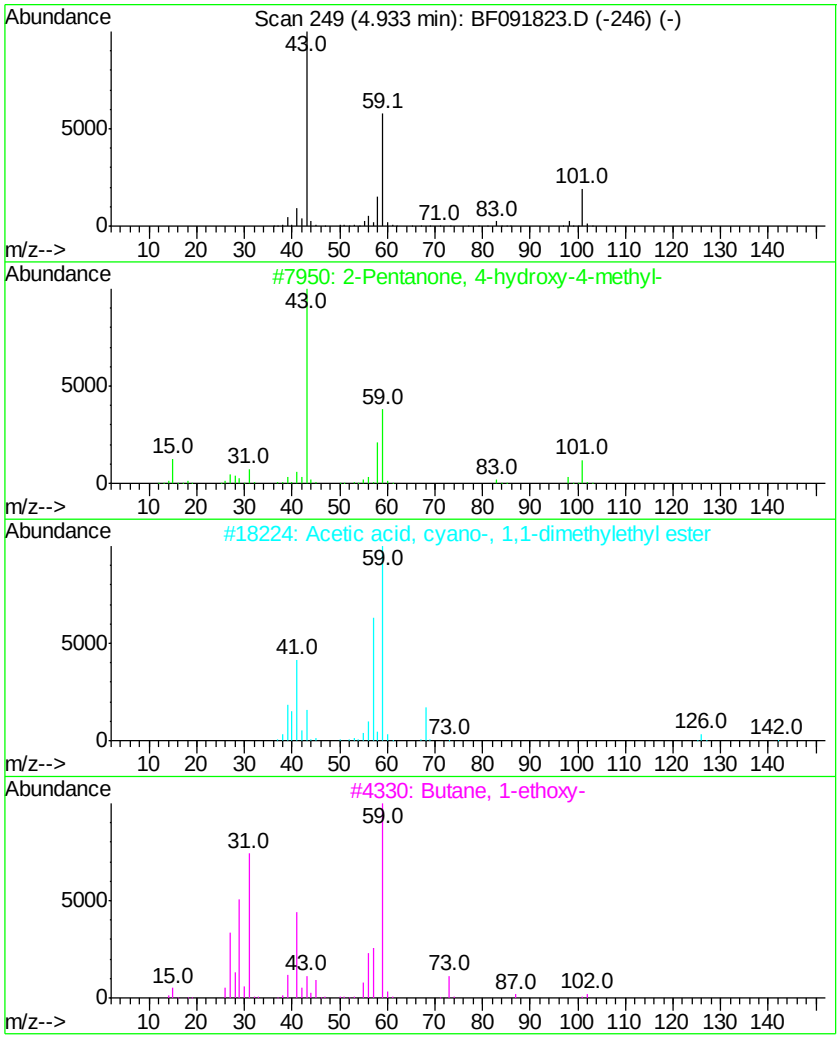
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

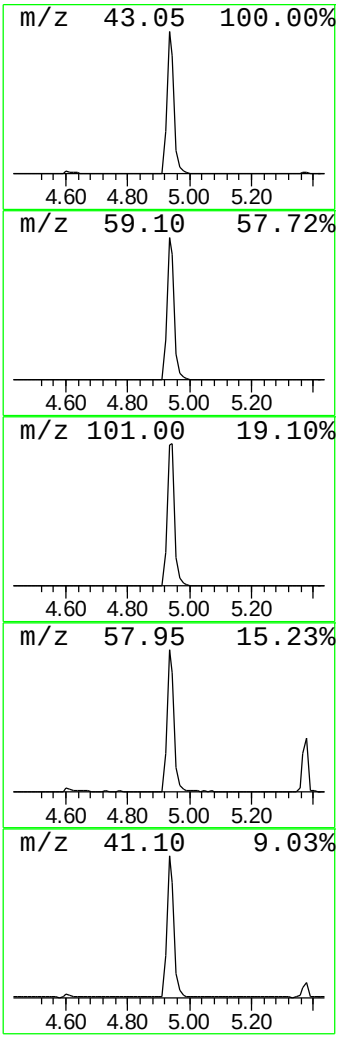
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	41.39 ng	2351290	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Acq On : 20 Dec 2016 16:40
Operator : UM/SJ
Sample : H6165-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-9-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

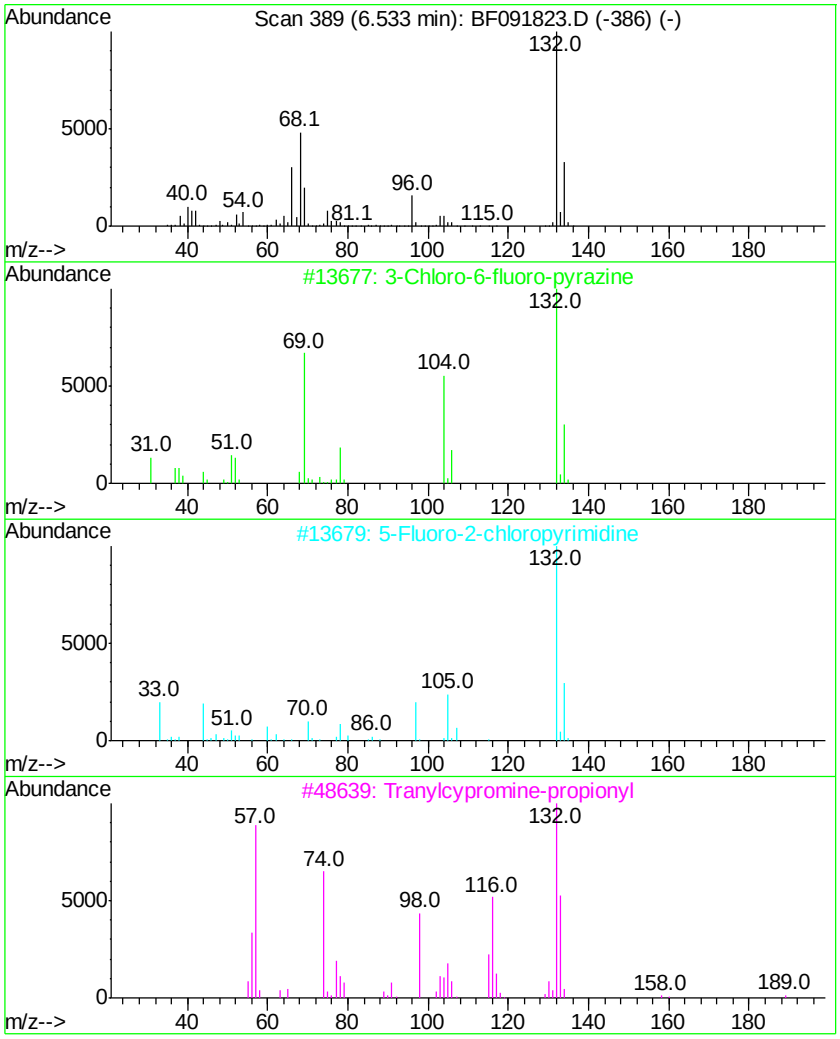
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

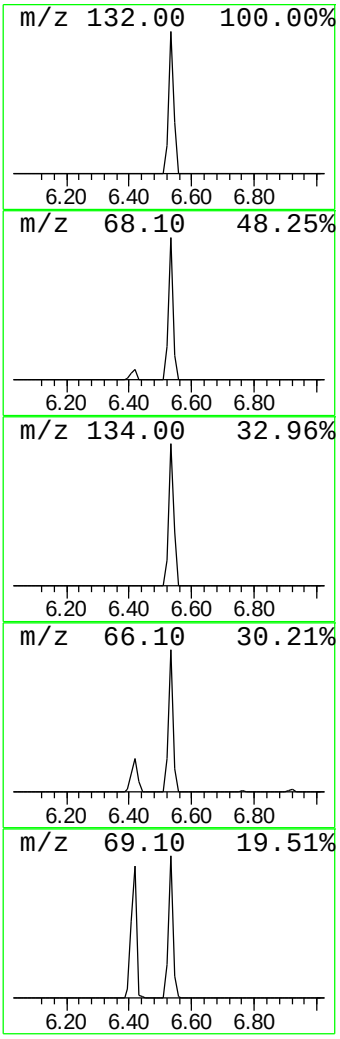
****

Peak Number 2 unknown6.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	87.45 ng	4968010	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
Data File : BF091823.D
Acq On : 20 Dec 2016 16:40
Operator : UM/SJ
Sample : H6165-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-9-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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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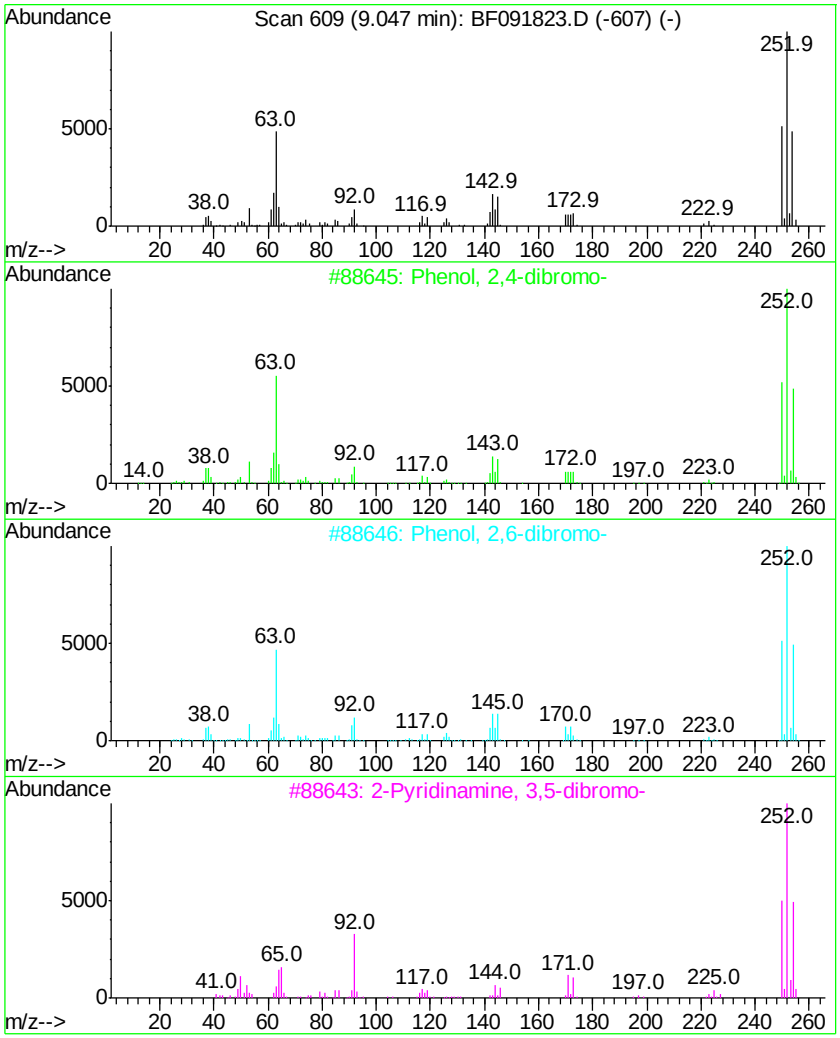
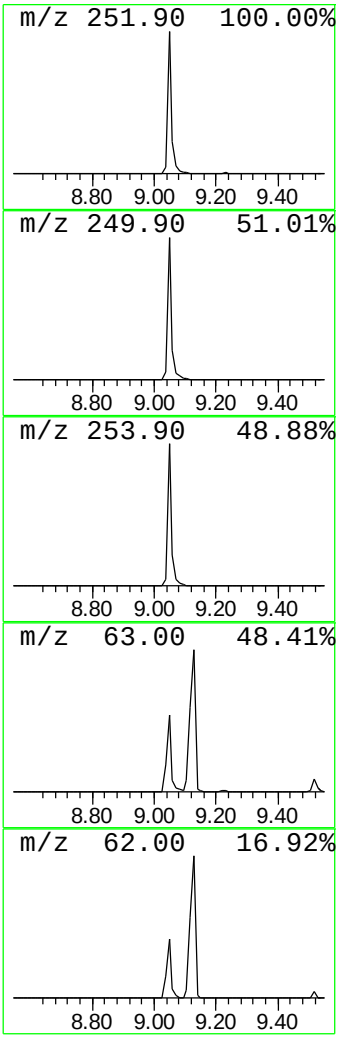
Peak Number 4 Phenol, 2,4-dibromo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	3.77 ng	270890	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4-dibromo-	250	C6H4Br2O	000615-58-7	99
2	Phenol, 2,6-dibromo-	250	C6H4Br2O	000608-33-3	99
3	2-Pyridinamine, 3,5-dibromo-	250	C5H4Br2N2	035486-42-1	42
4	8-Chloro-11H-indolo[3,2-c]quinoline	252	C15H9ClN2	155249-69-7	9
5	1-Phenyl-3,5,7-trimethyl-6H-pyra...	252	C15H16N4	063536-14-1	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
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Operator : UM/SJ
Sample : H6165-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-9-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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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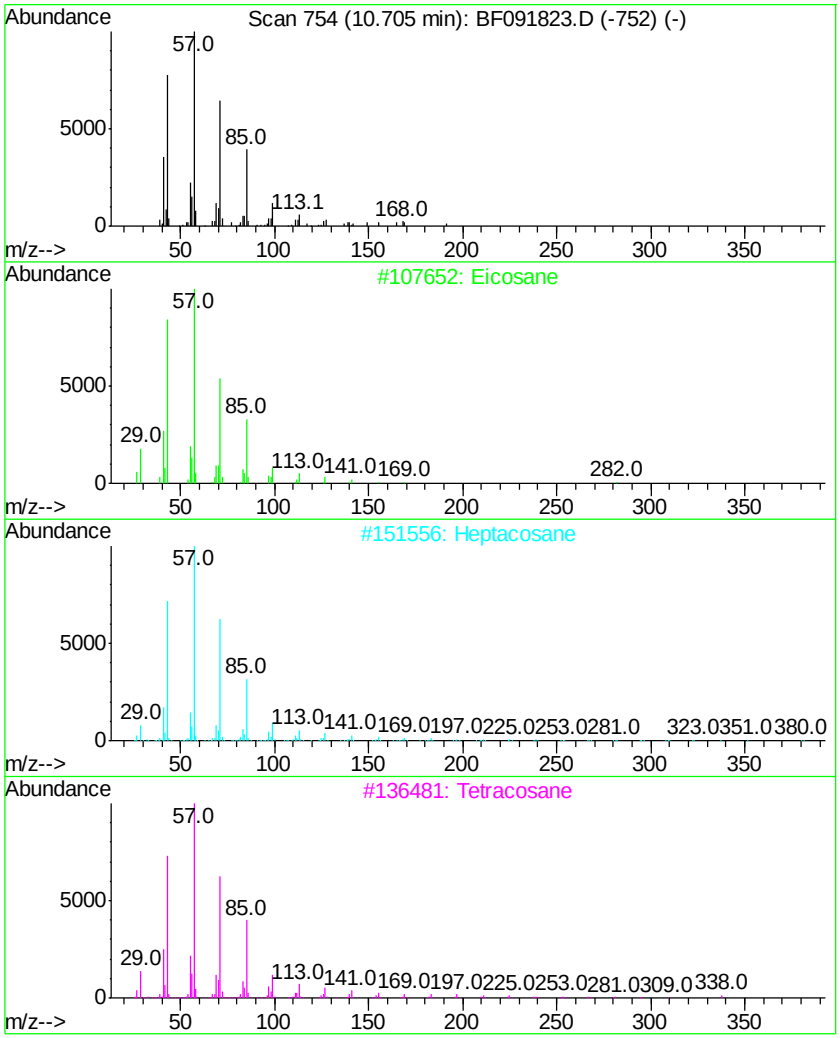
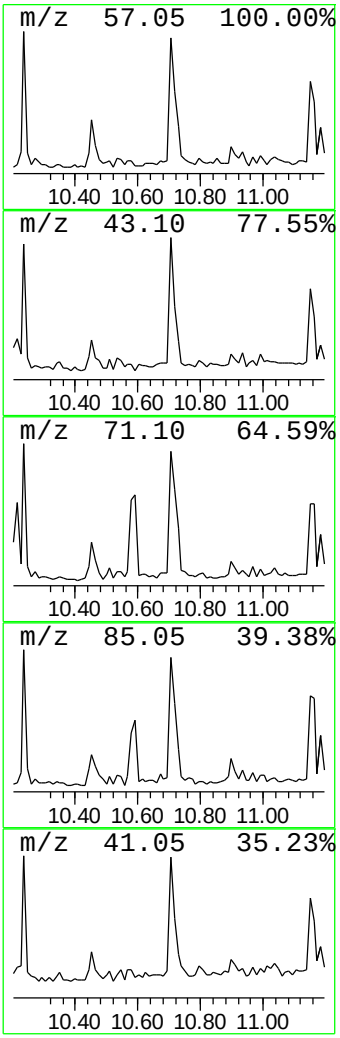
Peak Number 5 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	2.43 ng	154904	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Docosane	310	C22H46	000629-97-0	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90





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Operator : UM/SJ
Sample : H6165-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-9-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

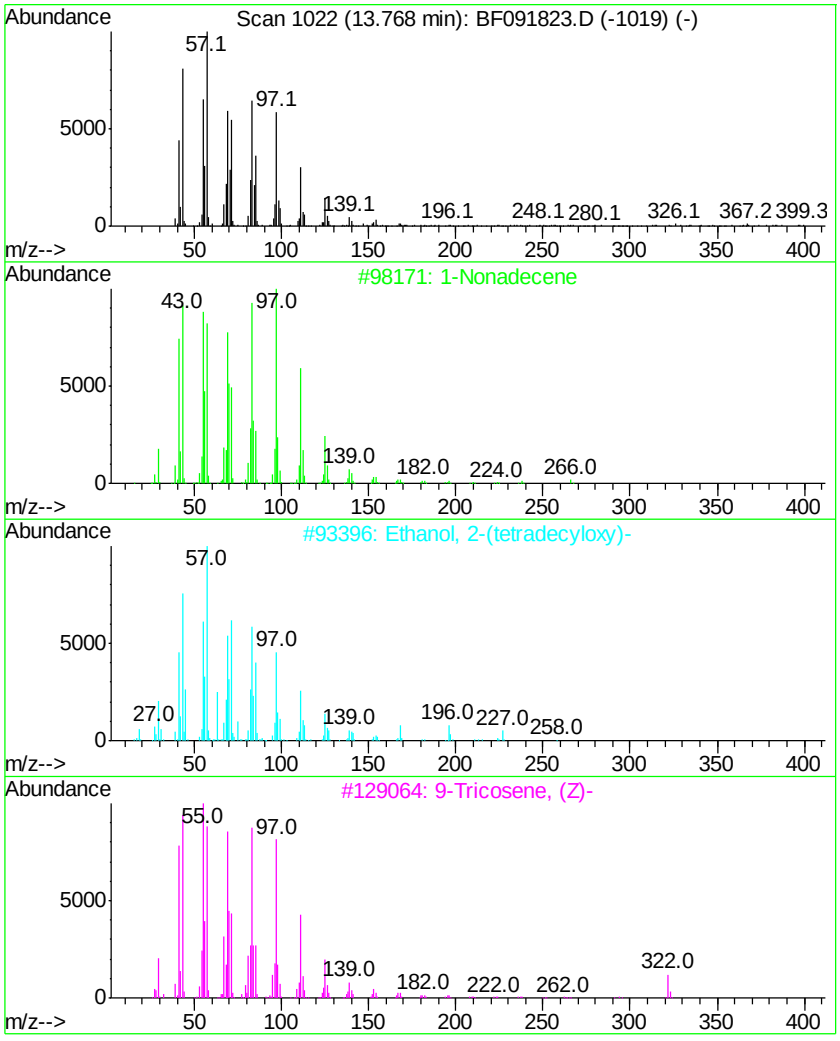
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

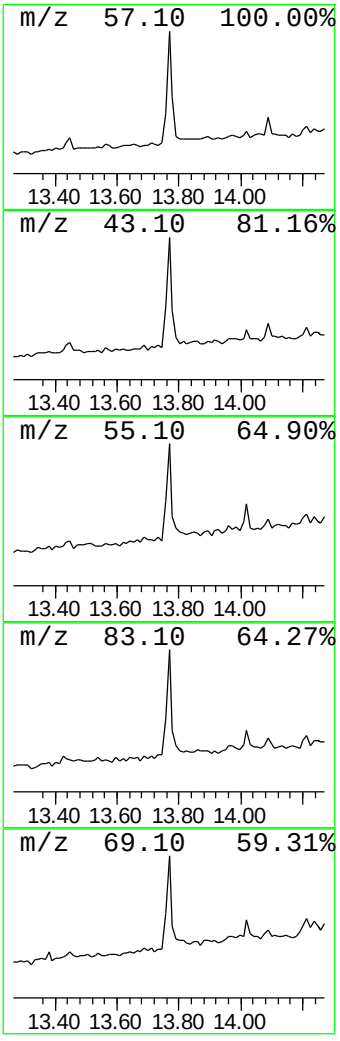
****

Peak Number 6 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	8.92 ng	546988	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	97
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	95
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
5	1-Hexacosene	364	C26H52	018835-33-1	91





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-4-9-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

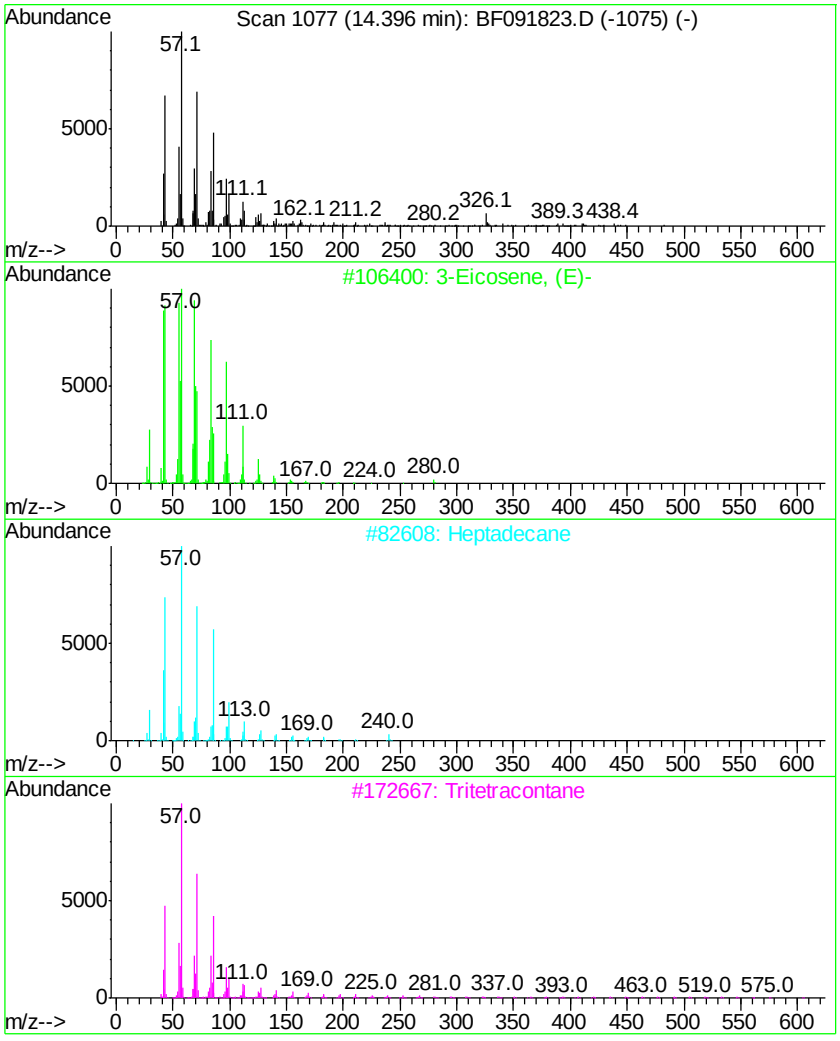
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

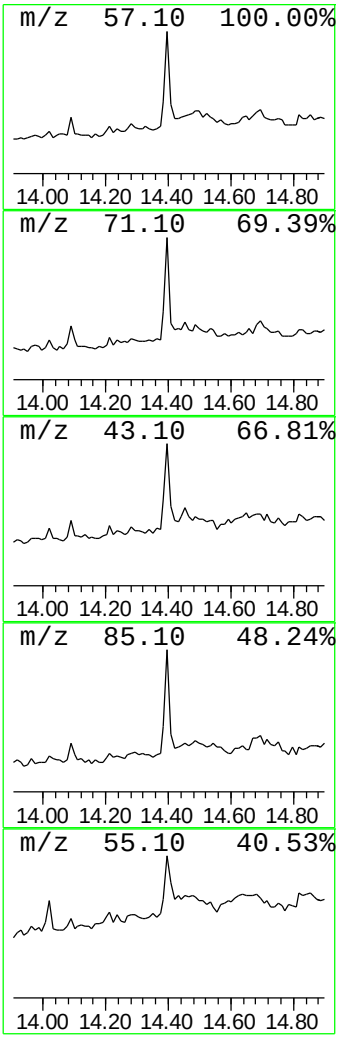
****

Peak Number 7 3-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	6.14 ng	376522	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	Heptadecane	240	C17H36	000629-78-7	91
3	Tritetracontane	605	C43H88	007098-21-7	83
4	Pentadecane	212	C15H32	000629-62-9	60
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	60





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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.93	41.4	ng	2351290	1	6.76	1136170	20.0
unknown6.53	6.53	87.5	ng	4968010	1	6.76	1136170	20.0
Phenol, 2,4-dibromo-	9.05	3.8	ng	270890	3	9.80	1436090	20.0
Eicosane	10.70	2.4	ng	154904	4	11.28	1272840	20.0
1-Nonadecene	13.77	8.9	ng	546988	5	13.92	1226660	20.0
3-Eicosene, (E)-	14.40	6.1	ng	376522	5	13.92	1226660	20.0