LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
Data File : BF093259.D
Acq On : 28 Feb 2017 20:11
Operator : SJ/MA
Sample : I2017-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK3-9-20170227

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	4.967	250	252	267	rBV	952108	1379388	38.61%	4.188%
2	5.413	289	291	294	rBV	2953503	3252590	91.03%	9.874%
3	6.464	380	383	391	rBV	3205151	3573059	100.00%	10.847%
4	6.579	391	393	396	rBV	2722136	3306162	92.53%	10.037%
5	6.807	411	413	416	rBV	978275	853193	23.88%	2.590%
6	6.967	424	427	429	rBV	2809073	2704995	75.71%	8.212%
7	7.379	460	463	465	rBV	2226261	2076681	58.12%	6.304%
8	8.099	523	526	528	rBV	963254	1066203	29.84%	3.237%
9	9.173	617	620	622	rBV	3793319	3517157	98.44%	10.677%
10	9.573	653	655	657	rBV	109429	145016	4.06%	0.440%
11	9.710	664	667	669	rBV	41154	37595	1.05%	0.114%
12	9.848	677	679	681	rBV	1204517	1043617	29.21%	3.168%
13	10.282	715	717	718	rVB	43515	53776	1.51%	0.163%
14	10.499	730	736	739	rBV2	24581	50185	1.40%	0.152%
15	10.636	746	748	751	rBV2	1240549	1534394	42.94%	4.658%
16	10.751	756	758	762	rVB	81916	101709	2.85%	0.309%
17	11.196	794	797	798	rBV	63879	58256	1.63%	0.177%
18	11.333	807	809	810	rBV	1042393	905552	25.34%	2.749%
19	11.413	813	816	817	rVB	41975	48535	1.36%	0.147%
20	11.836	851	853	854	rBV	70278	61901	1.73%	0.188%
21	11.859	854	855	857	rVV	62242	82820	2.32%	0.251%
22	11.905	857	859	861	rVV3	26307	39282	1.10%	0.119%
23	11.951	861	863	867	rVB2	70803	149771	4.19%	0.455%
24	12.134	875	879	880	rBV	34996	57038	1.60%	0.173%
25	12.168	880	882	884	rVB	40257	49004	1.37%	0.149%
26	12.282	889	892	893	rBV2	27840	47859	1.34%	0.145%
27	12.385	899	901	902	rBV	76964	81495	2.28%	0.247%
28	12.419	902	904	907	rVV2	51004	85903	2.40%	0.261%
29	12.476	907	909	911	rVV	55248	65405	1.83%	0.199%
30	12.545	913	915	917	rVV	377999	335667	9.39%	1.019%
31	12.694	925	928	930	rBV3	24595	48881	1.37%	0.148%
32	12.774	932	935	938	rVV	405813	433945	12.14%	1.317%
33	12.922	945	948	950	rBV	2788647	2825488	79.08%	8.578%
34	12.991	952	954	958	rVB3	41129	66663	1.87%	0.202%

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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.105	960	964	965	rBV2	43147	89838	2.51%	0.273%
36	13.196	970	972	976	rVV2	85127	132030	3.70%	0.401%
37	13.299	979	981	982	rBV	58937	58163	1.63%	0.177%
38	13.334	982	984	986	rVB	49248	45984	1.29%	0.140%
39	13.482	995	997	999	rBV2	33168	66637	1.86%	0.202%
40	13.619	1006	1009	1011	rVB	64156	89524	2.51%	0.272%
41	13.722	1016	1018	1019	rBV	60888	70943	1.99%	0.215%
42	13.814	1023	1026	1030	rVV4	172591	307057	8.59%	0.932%
43	13.974	1037	1040	1041	rBV2	1005131	1061681	29.71%	3.223%
44	14.362	1072	1074	1075	rBV	54238	57691	1.61%	0.175%
45	14.991	1127	1129	1137	rBV	97590	227406	6.36%	0.690%
46	15.402	1162	1165	1172	rVB	423037	593807	16.62%	1.803%

Sum of corrected areas: 32939946

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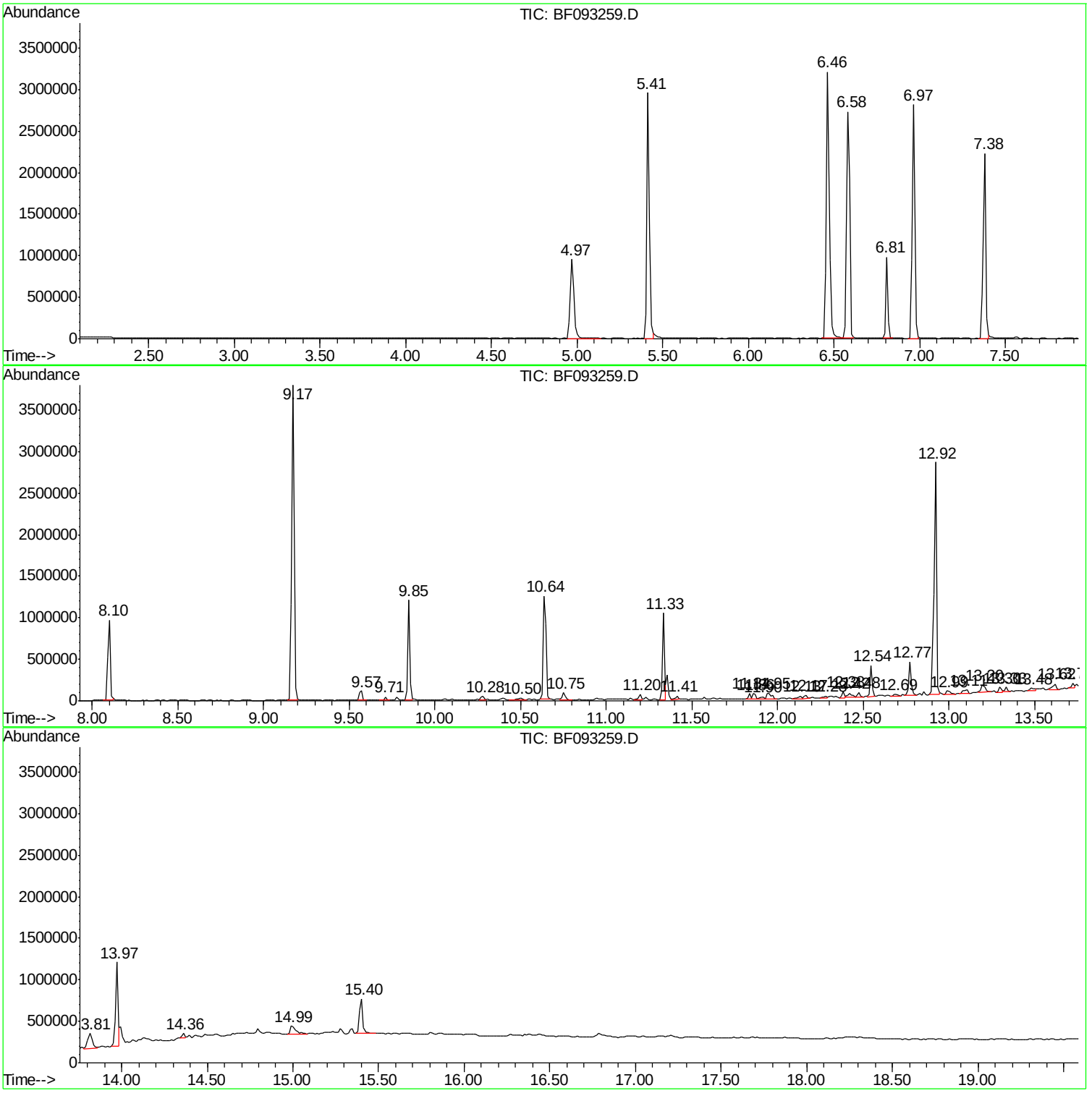
Instrument :
BNA_F
ClientSampleId :
TK3-9-20170227

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\BF022817\
Data File : BF093259.D
Acq On : 28 Feb 2017 20:11
Operator : SJ/MA
Sample : I2017-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK3-9-20170227

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

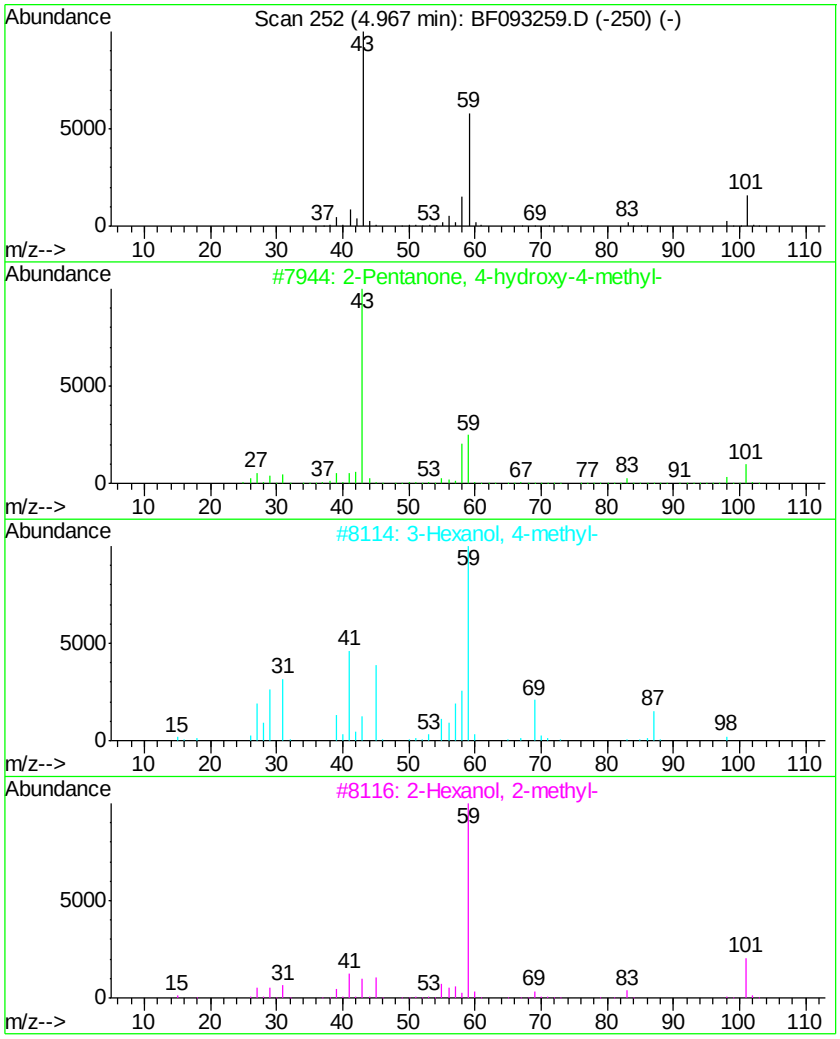
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

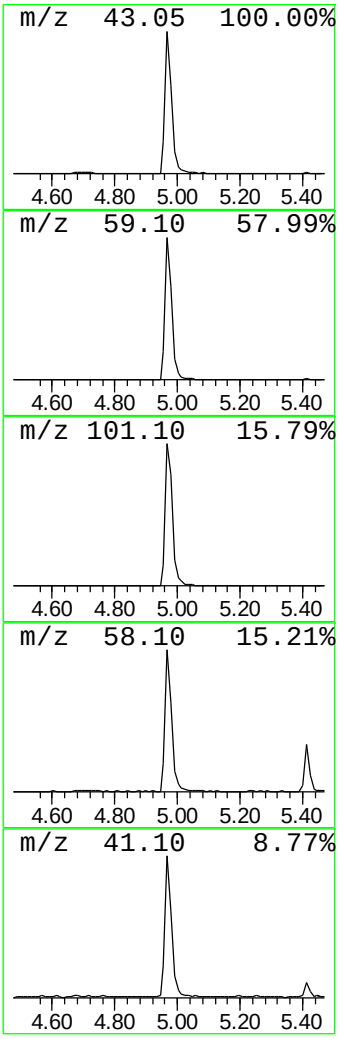
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	32.33 ng	1379390	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK3-9-20170227

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
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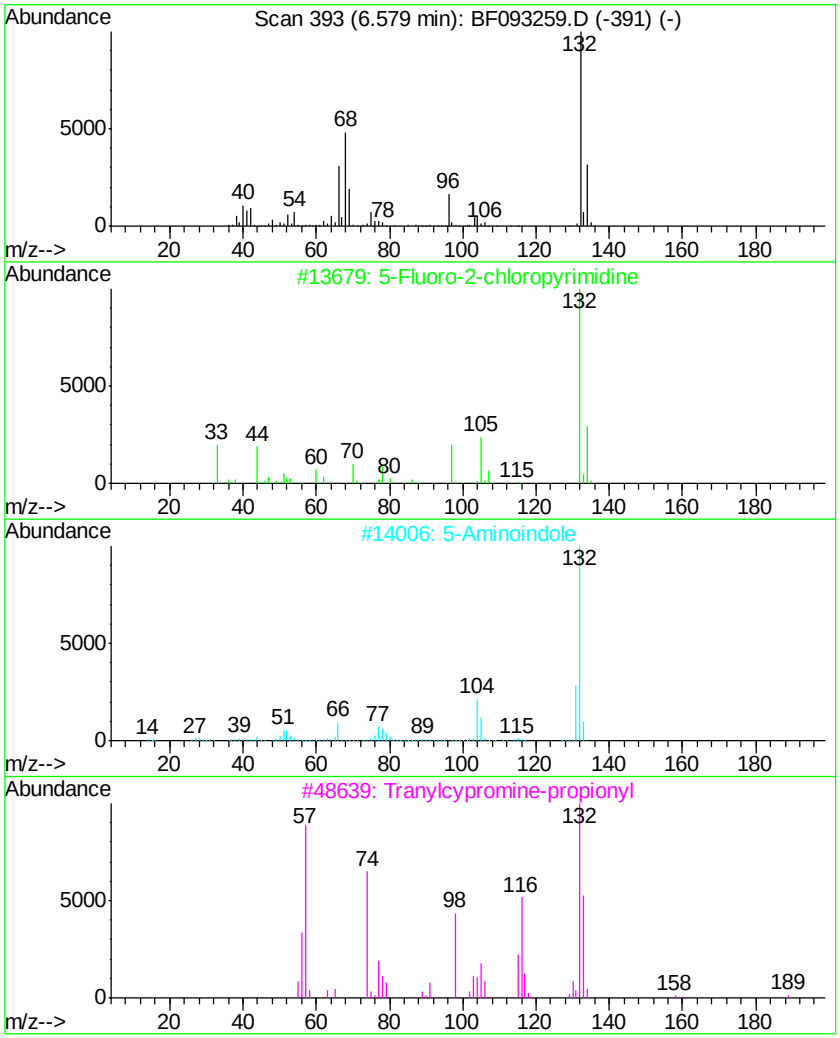
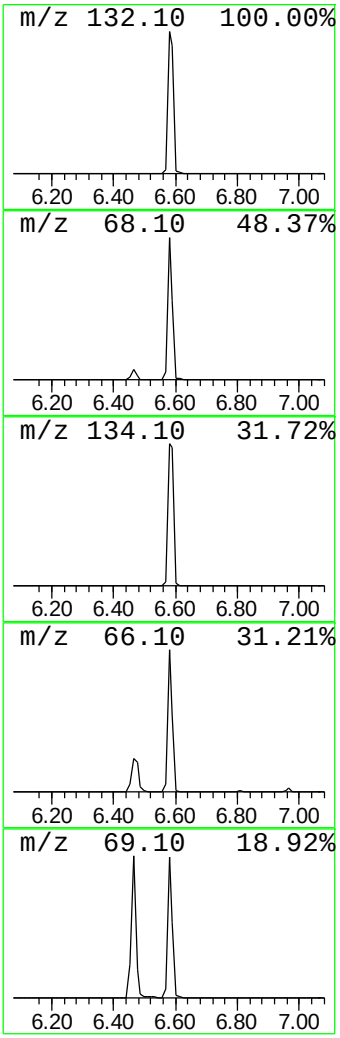
****

Peak Number 2 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	77.50 ng	3306160	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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TIC Library : C:\DATABASE\NIST02.L
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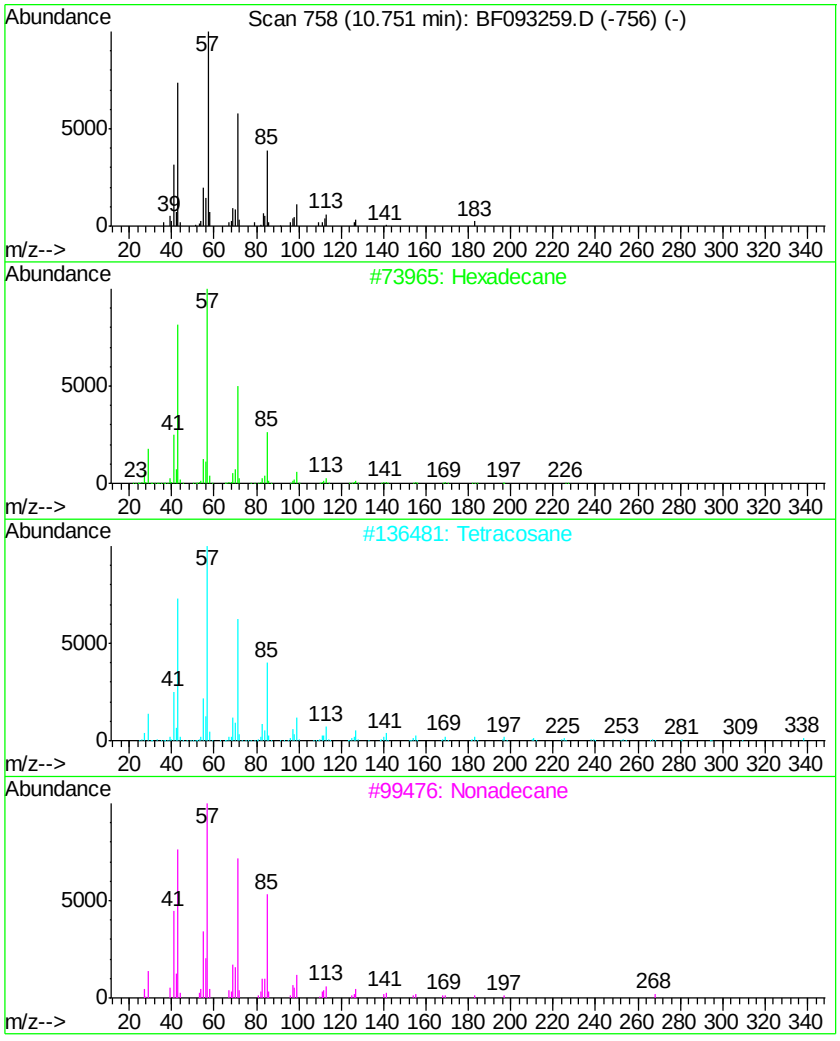
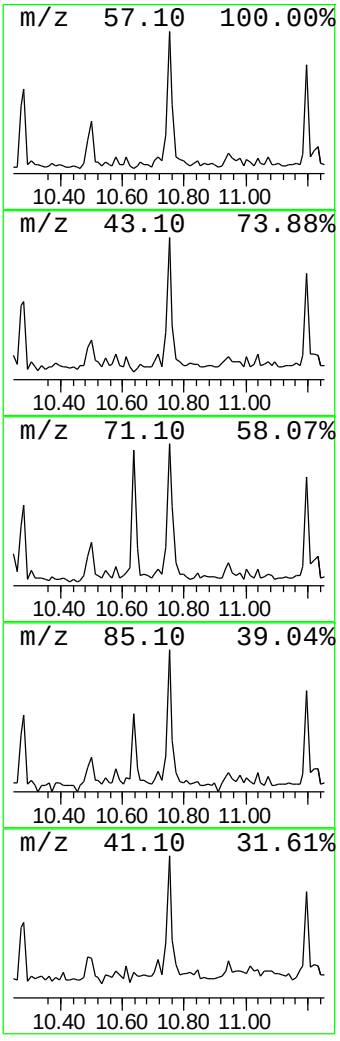
Peak Number 4 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	2.25 ng	101709	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Nonadecane	268	C19H40	000629-92-5	87
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Tetradecane	198	C14H30	000629-59-4	86





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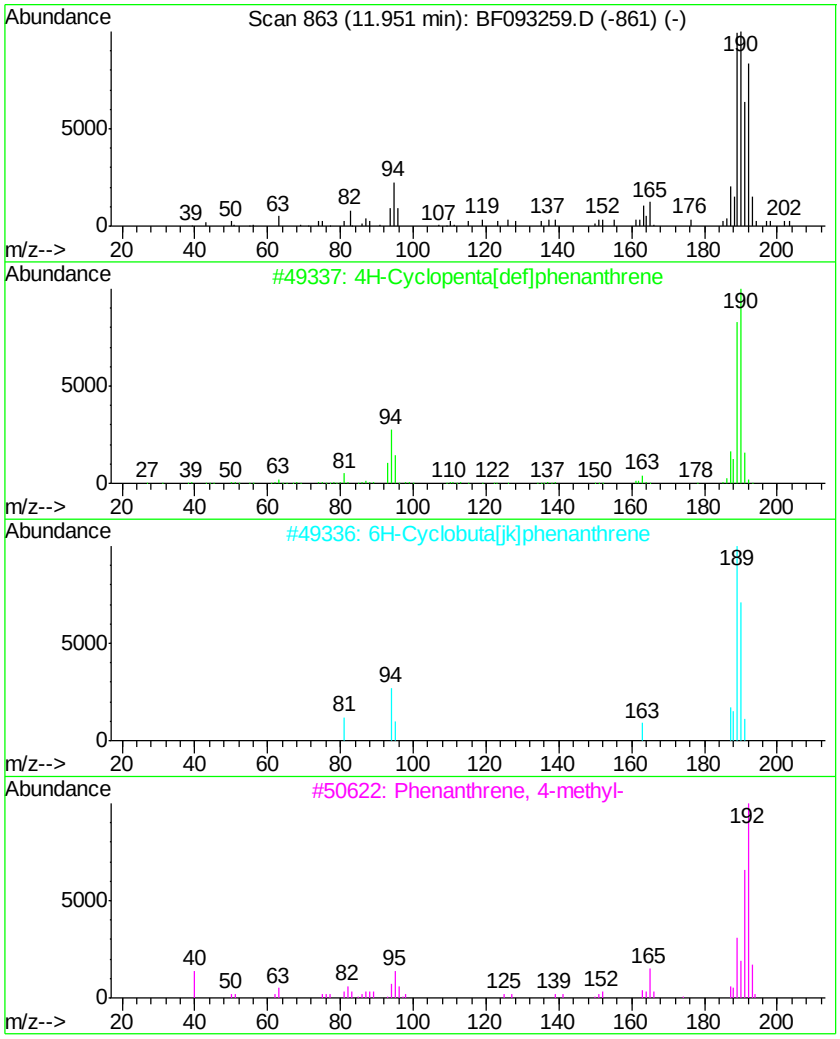
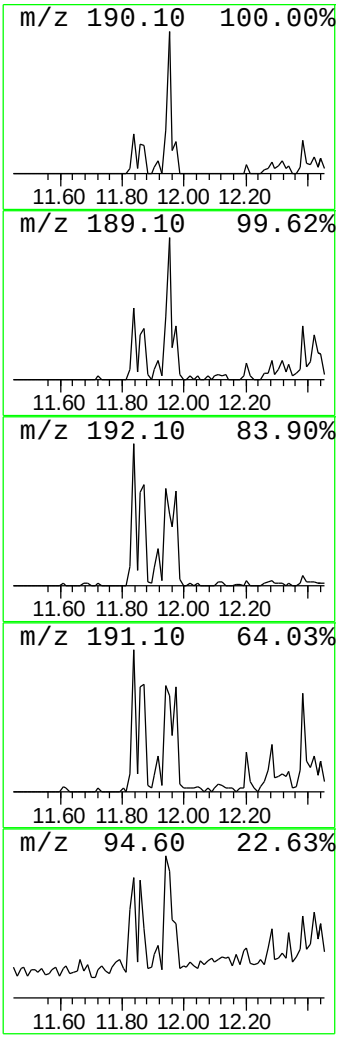
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	3.31 ng	149771	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
4	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	42
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	41





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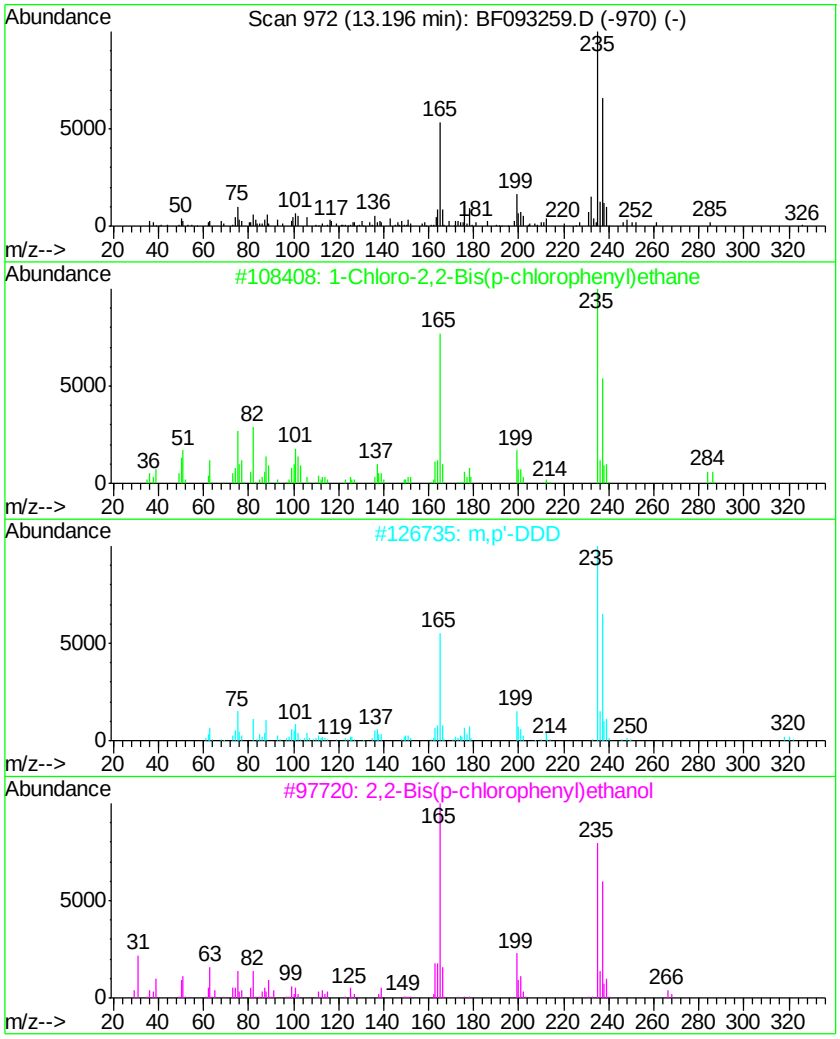
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

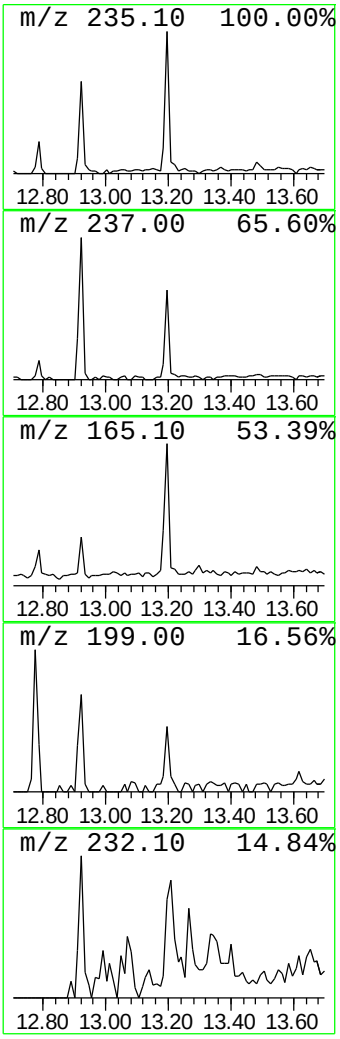
****

Peak Number 6 1-Chloro-2,2-Bis(p-chloroph... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	2.49 ng	132030	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Chloro-2,2-Bis(p-chlorophenyl)...	284	C14H11Cl3	002642-80-0	86
2	m,p'-DDD	318	C14H10Cl4	004329-12-8	86
3	2,2-Bis(p-chlorophenyl)ethanol	266	C14H12Cl2O	002642-82-2	78
4	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	78
5	Mitotane	318	C14H10Cl4	000053-19-0	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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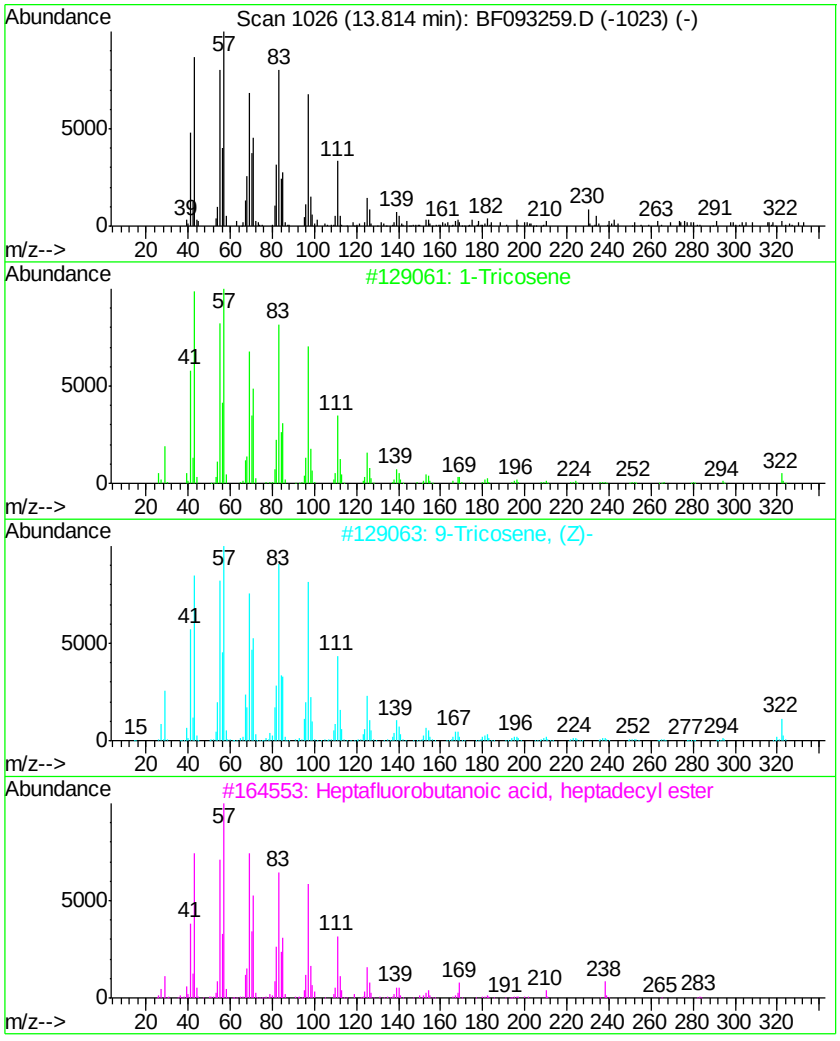
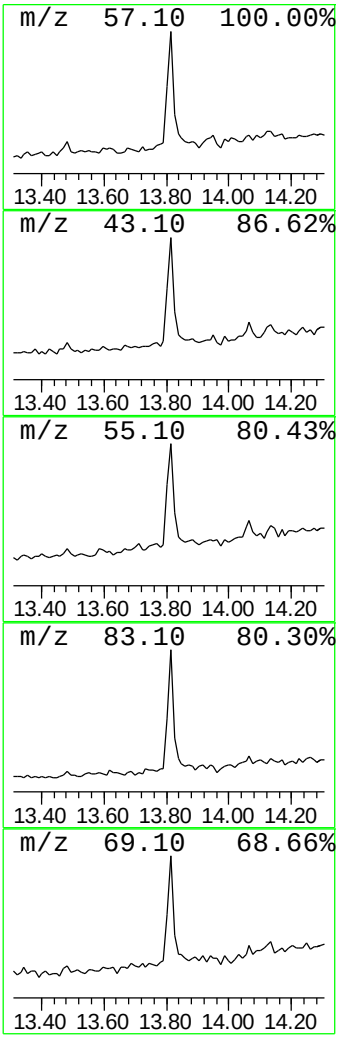
Peak Number 7 1-Tricosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	5.78 ng	307057	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	95
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
4	1-Docosene	308	C22H44	001599-67-3	94
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94





Tentatively Identified Compound (LSC) summary

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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...	4.97	32.3	ng	1379390	1	6.81	853193	20.0
unknown6.58	6.58	77.5	ng	3306160	1	6.81	853193	20.0
Hexadecane	10.75	2.3	ng	101709	4	11.33	905552	20.0
4H-Cyclopenta[def...	11.95	3.3	ng	149771	4	11.33	905552	20.0
1-Chloro-2,2-Bis(...	13.20	2.5	ng	132030	5	13.97	1061680	20.0
1-Tricosene	13.81	5.8	ng	307057	5	13.97	1061680	20.0