LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
Data File : BF100270.D
Acq On : 7 Nov 2017 3:15
Operator : SJ/JU
Sample : I6343-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HL-DAM

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-BF102317.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	4.987	490	493	520	rBV	79531	193902	11.24%	1.219%
2	5.386	558	561	588	rBV	660308	1327194	76.94%	8.342%
3	6.410	733	735	753	rBV	918483	1371652	79.52%	8.621%
4	6.533	753	756	776	rVB	1347826	1543629	89.49%	9.702%
5	6.763	792	795	810	rVB	438278	506866	29.38%	3.186%
6	6.910	817	820	841	rBV	1059561	1164478	67.51%	7.319%
7	7.333	889	892	916	rBV	635708	851231	49.35%	5.350%
8	8.045	1010	1013	1028	rBV	638226	711323	41.24%	4.471%
9	8.610	1106	1109	1122	rVB	89818	101843	5.90%	0.640%
10	9.116	1191	1195	1208	rVB	1786700	1724990	100.00%	10.842%
11	9.516	1260	1263	1276	rVB	369636	323612	18.76%	2.034%
12	9.792	1307	1310	1321	rVB	786835	797631	46.24%	5.013%
13	10.510	1429	1432	1443	rBV	541785	426951	24.75%	2.683%
14	10.592	1443	1446	1460	rBV	898768	927349	53.76%	5.828%
15	11.292	1561	1565	1576	rBV	757487	792783	45.96%	4.983%
16	11.804	1648	1652	1664	rBV2	72110	86340	5.01%	0.543%
17	12.586	1782	1785	1793	rBV2	22807	27443	1.59%	0.172%
18	12.868	1829	1833	1844	rVB	1712777	1507659	87.40%	9.476%
19	13.745	1978	1982	1988	rBV	70644	85559	4.96%	0.538%
20	13.945	2013	2016	2028	rBV	504795	564614	32.73%	3.549%
21	14.368	2084	2088	2095	rBV5	17838	28848	1.67%	0.181%
22	14.662	2135	2138	2142	rBV3	14508	17350	1.01%	0.109%
23	14.980	2189	2192	2196	rBV	22483	24391	1.41%	0.153%
24	15.409	2261	2265	2281	rVB	293854	470476	27.27%	2.957%
25	17.297	2579	2586	2591	rBV8	12734	32048	1.86%	0.201%
26	17.668	2644	2649	2657	rVB9	9144	23607	1.37%	0.148%
27	18.286	2750	2754	2763	rVB10	13831	33540	1.94%	0.211%
28	19.109	2884	2894	2903	rBV10	16655	64823	3.76%	0.407%
29	19.291	2915	2925	2936	rBV7	59954	178582	10.35%	1.122%

Sum of corrected areas: 15910714

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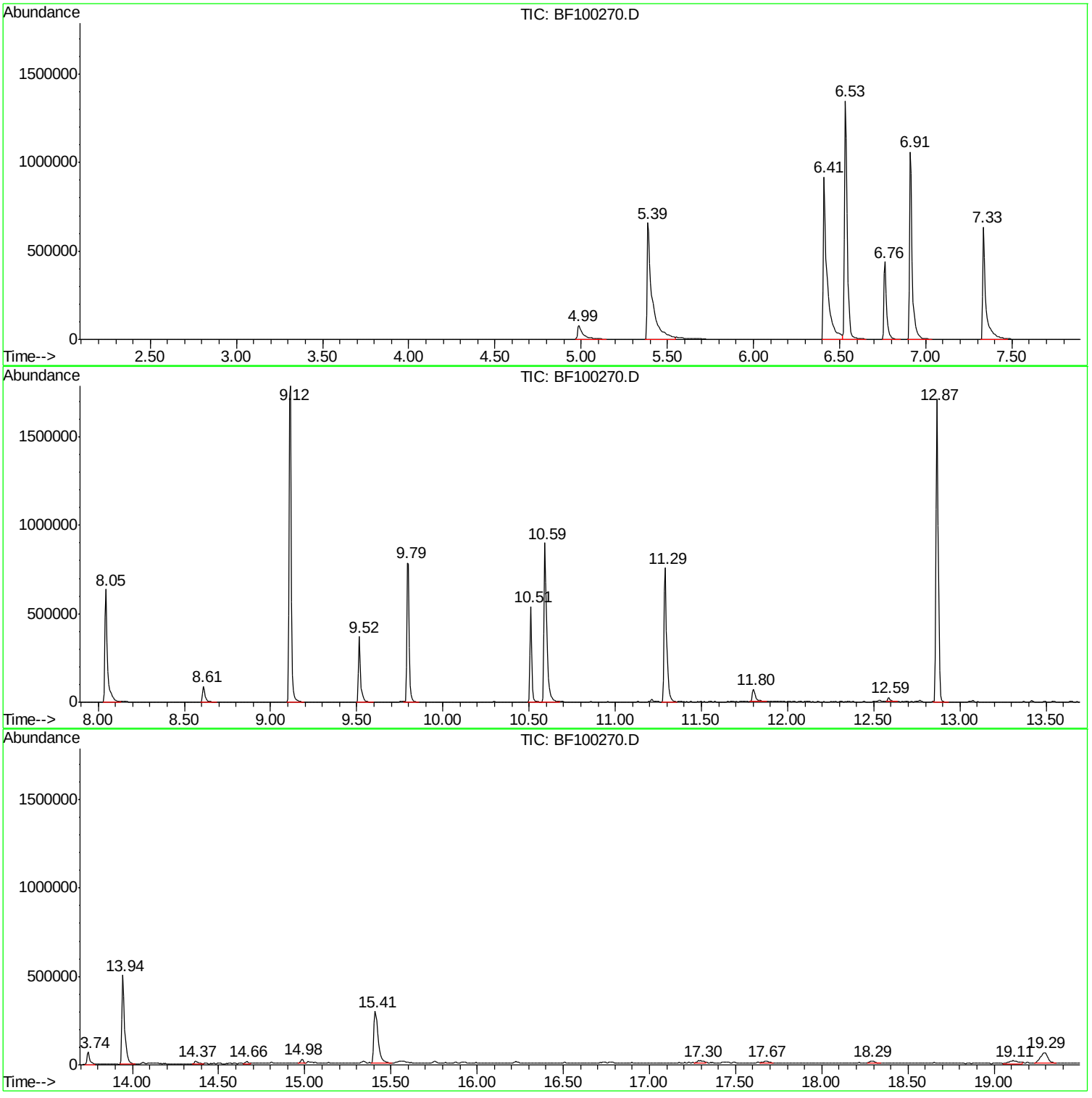
Instrument : BNA_F
ClientSampleId : HL-DAM

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
Data File : BF100270.D
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Misc :
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Instrument : BNA_F
ClientSampleId : HL-DAM

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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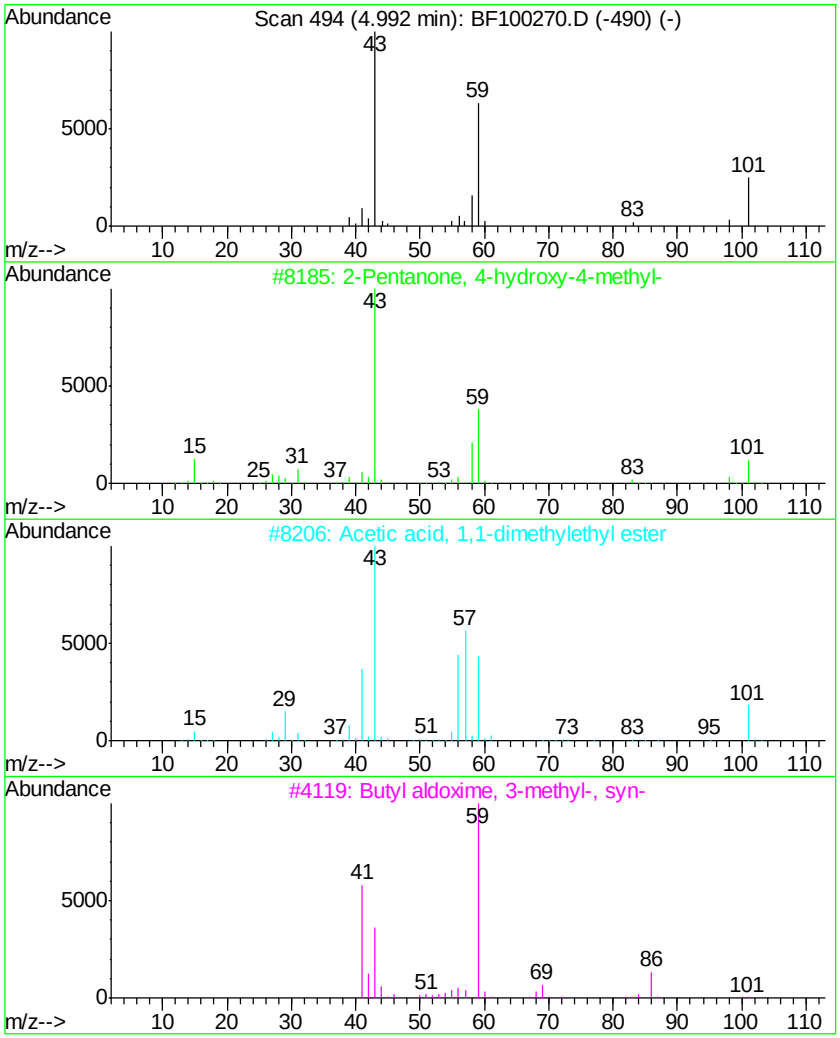
TIC Integration Parameters: LSCINT.P

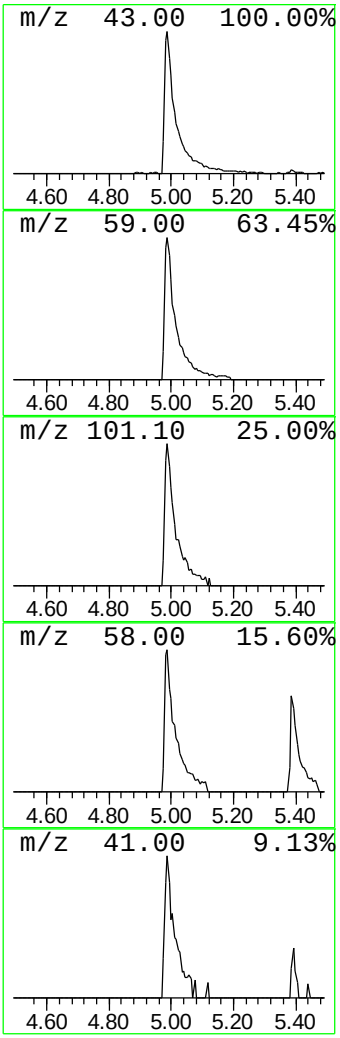
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	7.65 ng	193902	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	53
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	50
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17





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Instrument : BNA_F
ClientSampleId : HL-DAM

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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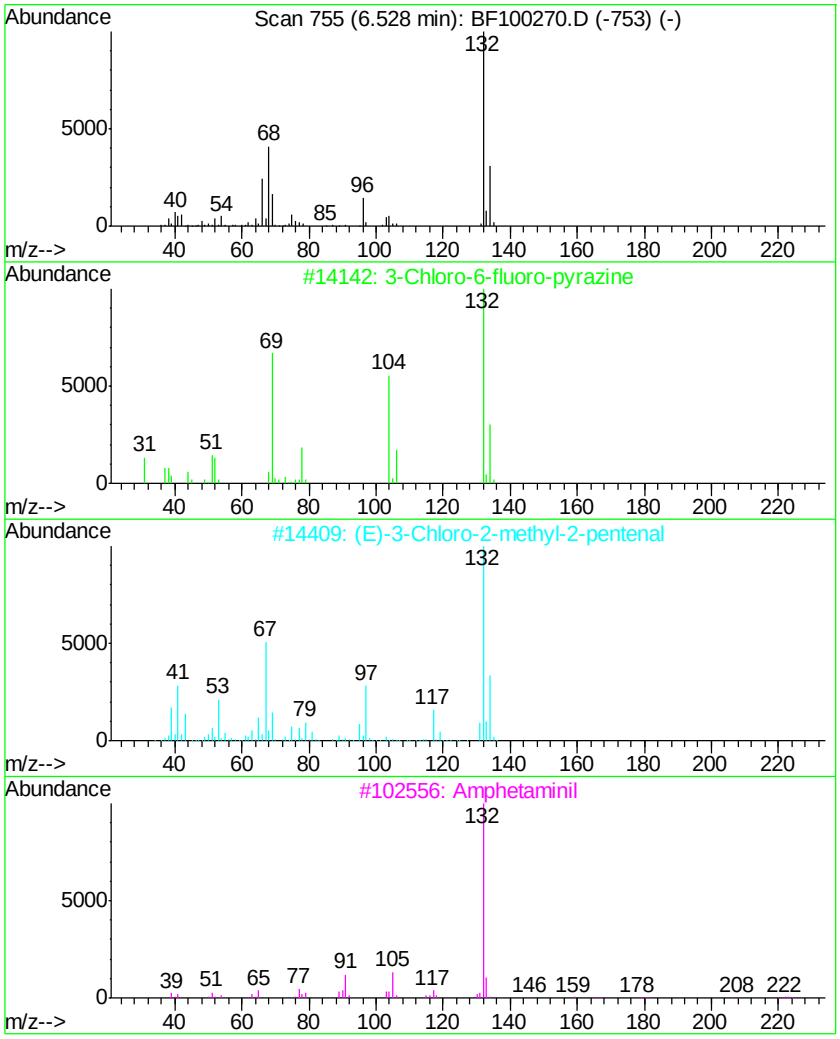
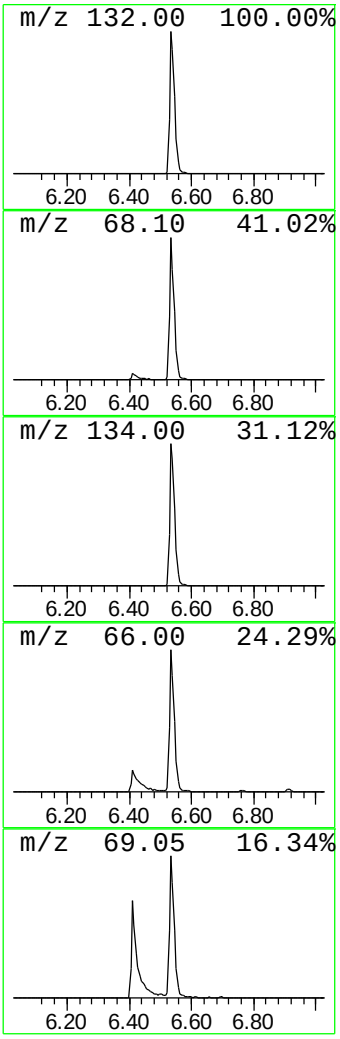
Peak Number 2 unknown6.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	60.91 ng	1543630	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	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10





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Sample : I6343-07
Misc :
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Instrument : BNA_F
ClientSampleId : HL-DAM

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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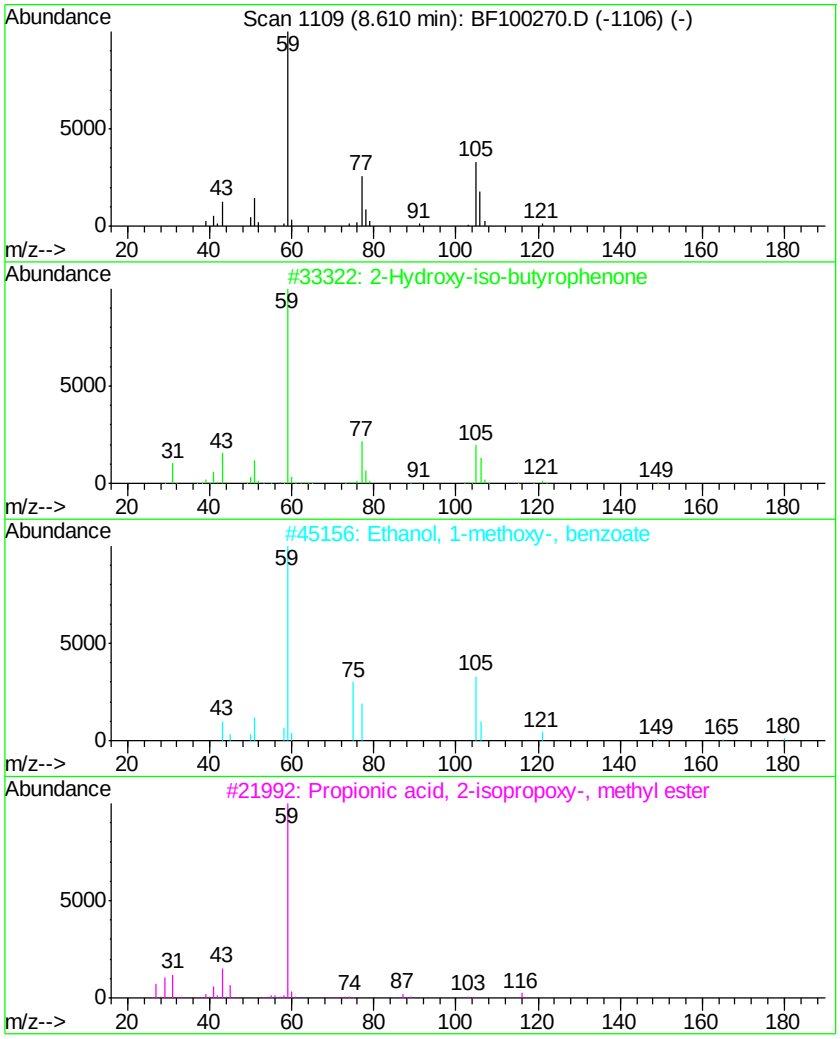
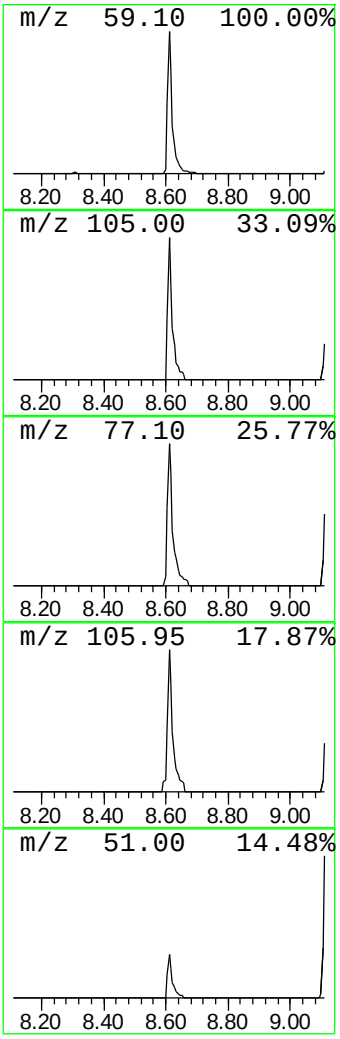
Peak Number 4 2-Hydroxy-iso-butyrophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	2.86 ng	101843	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	78
2	Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	64
3	Propionic acid, 2-isopropoxy-, m...	146	C7H14O3	1000151-15-1	9
4	Formamide, N-methyl-	59	C2H5NO	000123-39-7	5
5	Acetamide	59	C2H5NO	000060-35-5	5





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Sample : I6343-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HL-DAM

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

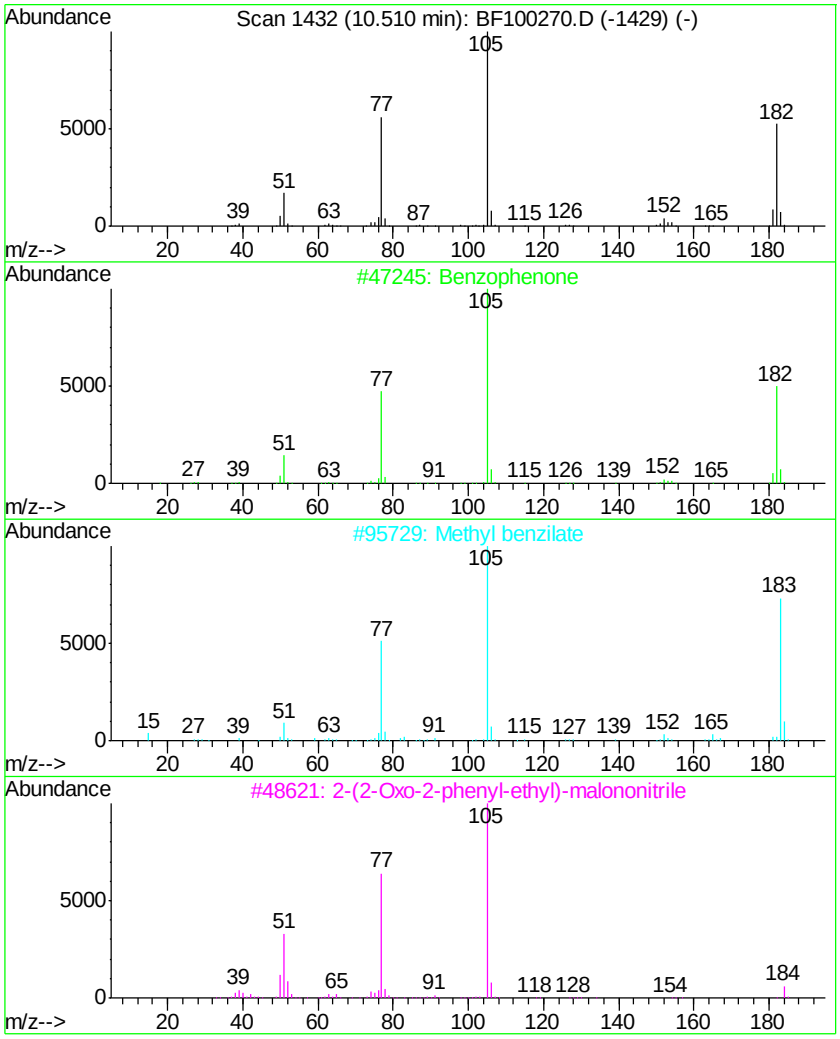
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

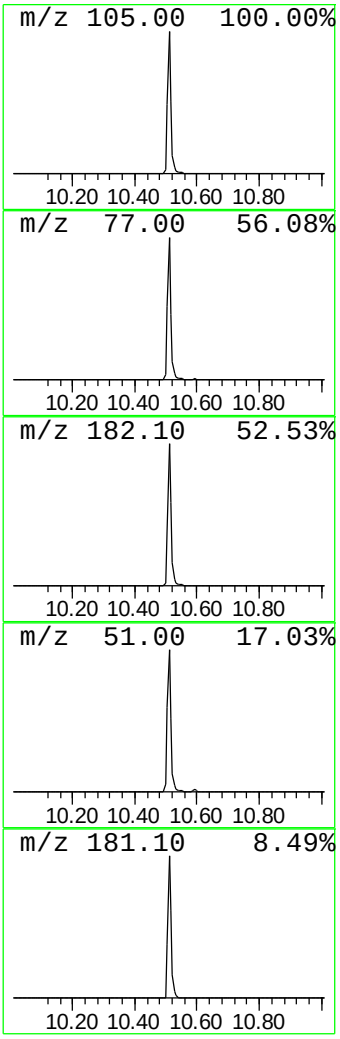
****

Peak Number 5 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	10.71 ng	426951	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Methyl benzilate	242	C15H14O3	000076-89-1	47
3	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	43
5	Ethanone, 1,2-diphenyl-	196	C14H12O	000451-40-1	43





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Sample : I6343-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HL-DAM

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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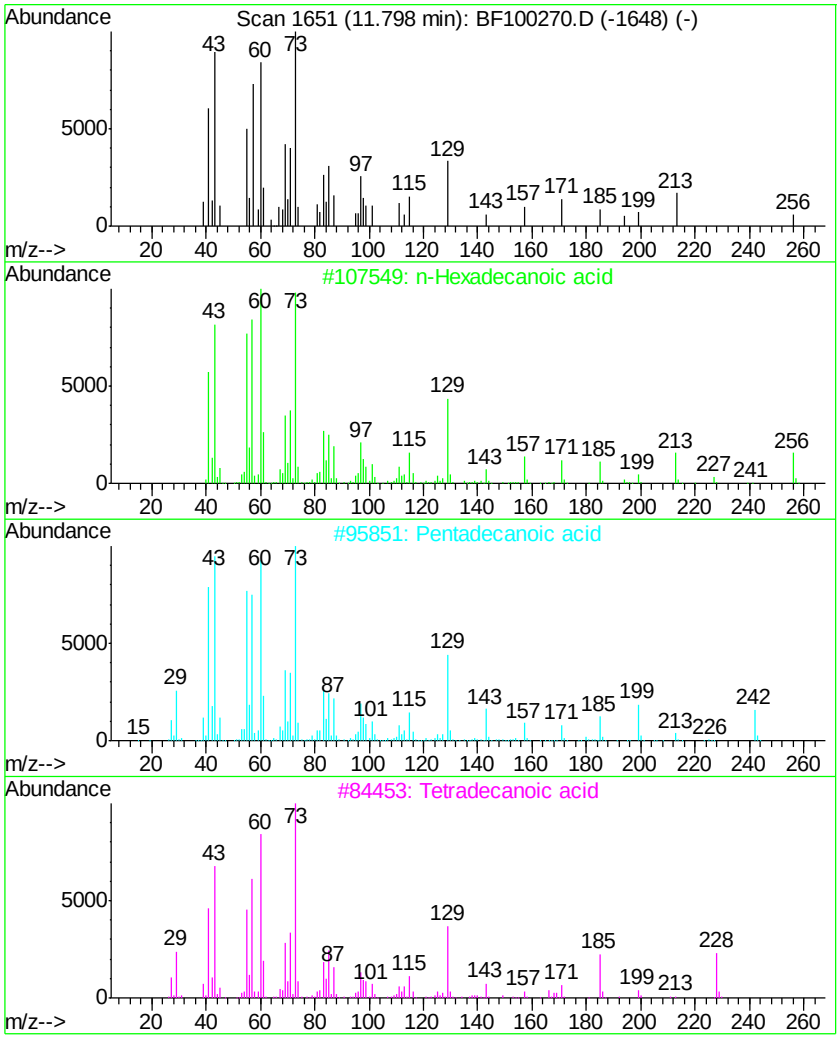
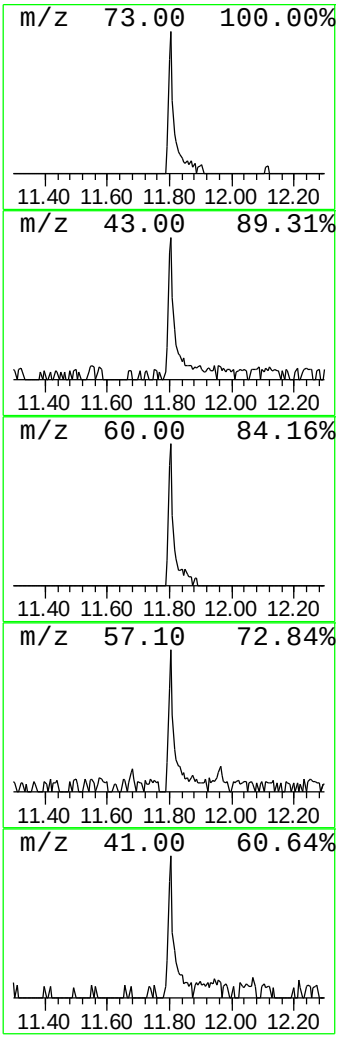
Peak Number 6 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	2.18 ng	86340	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	n-Decanoic acid	172	C10H20O2	000334-48-5	59
5	.beta.-D-Mannofuranoside, 1-O-(1...	332	C17H32O6	1000155-29-9	25





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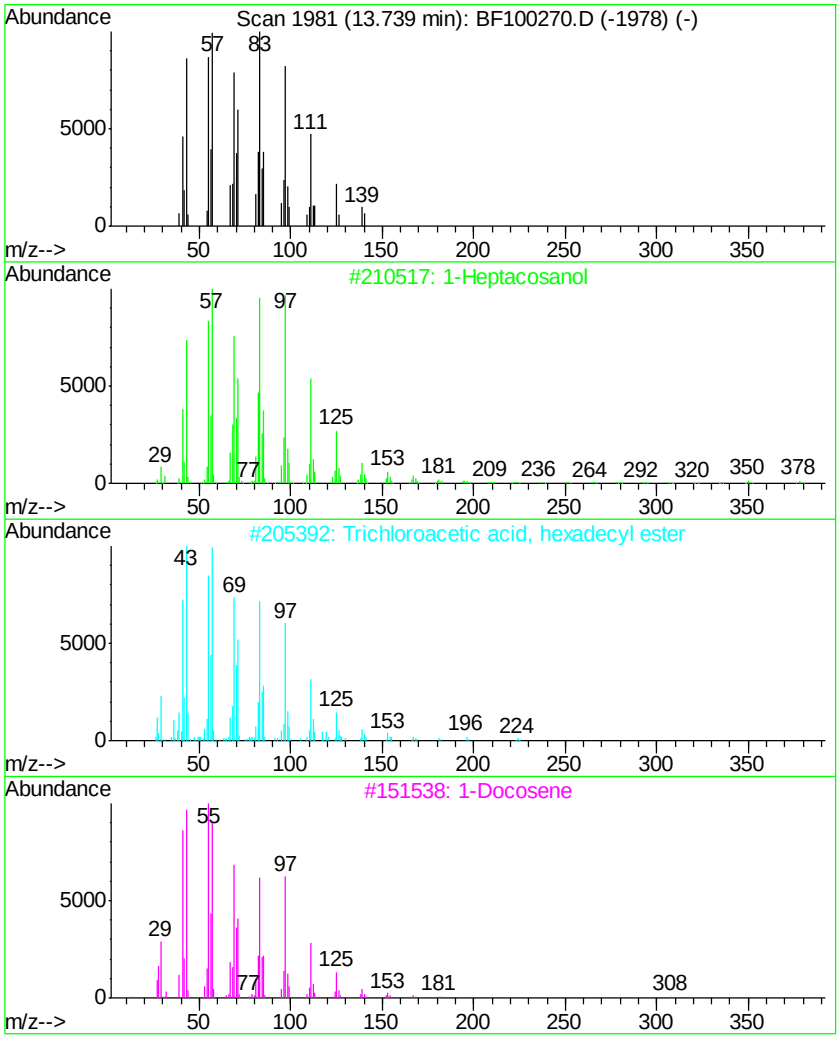
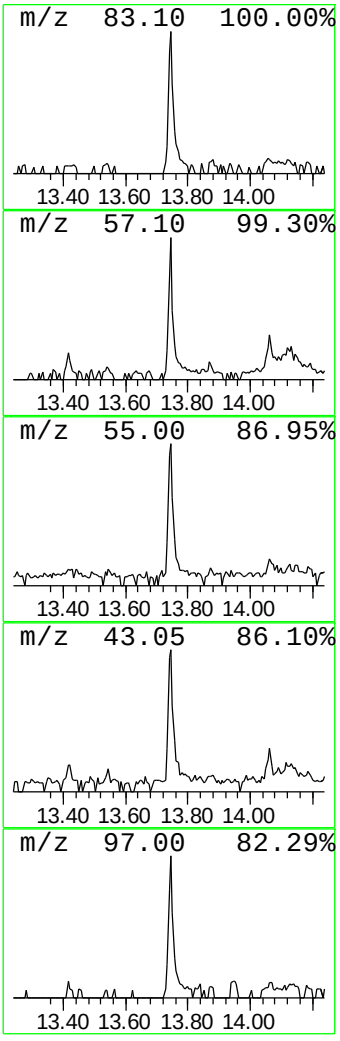
Peak Number 7 1-Heptacosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	3.03 ng	85559	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
3	1-Docosene	308	C22H44	001599-67-3	90
4	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	90
5	Octacosyl acetate	452	C30H60O2	018206-97-8	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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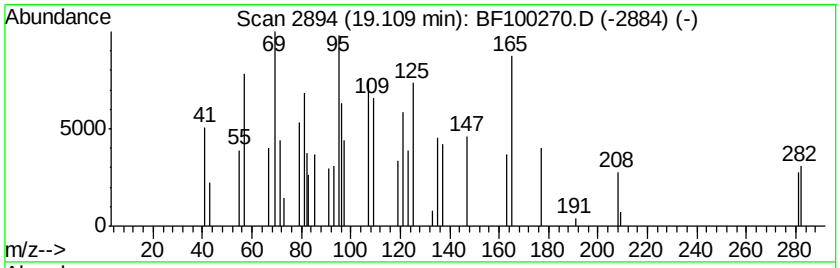
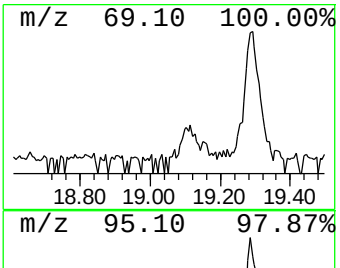
Peak Number 8 unknown19.11 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	2.76 ng	64823	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4a,5,8a-Tetramethyl-1,2,3,4,4a...	208	C14H24O	020558-22-9	32
2	Cyclohexane-1-methanol, 3,3-dime...	208	C14H24O	1000196-01-5	27
3	Cyclohexanone, 2,5-dimethyl-2-(1...	166	C11H18O	006711-26-8	27
4	4-Fluoro-3-nitrobenzyl alcohol	171	C7H6FNO3	020274-69-5	25
5	2H-Cyclodeca[b]pyran, 3,4,5,6,7,...	208	C14H24O	074685-51-1	22





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Misc :
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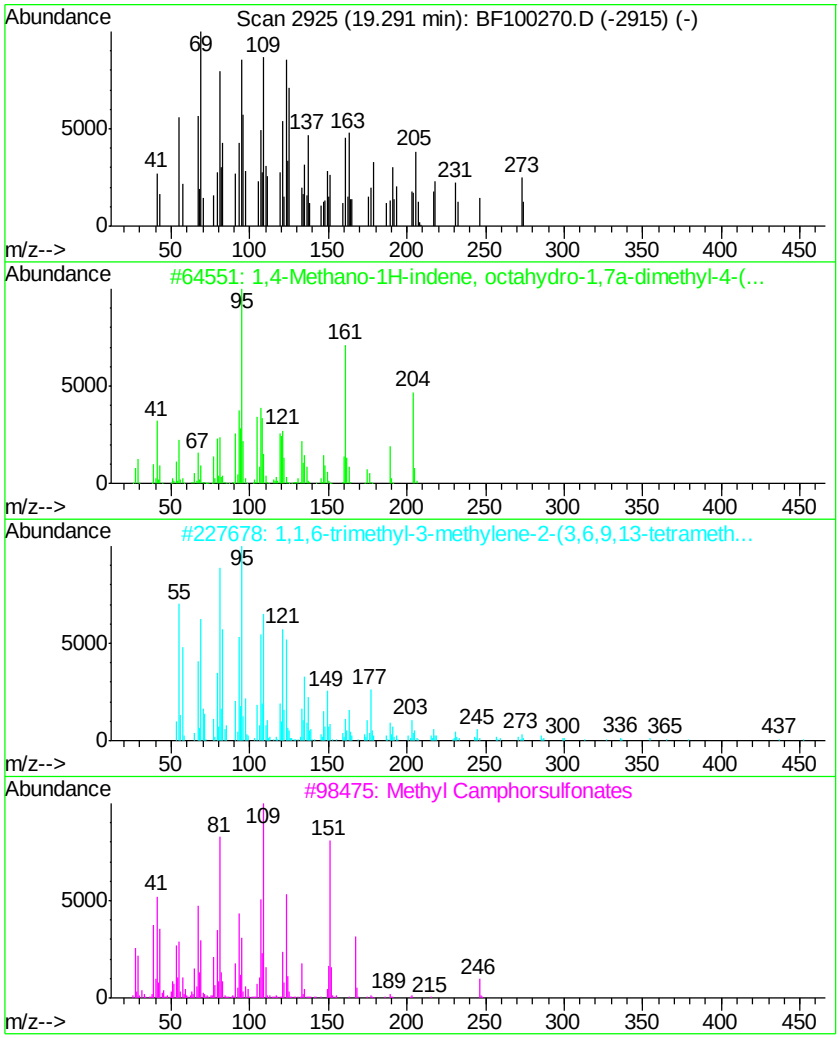
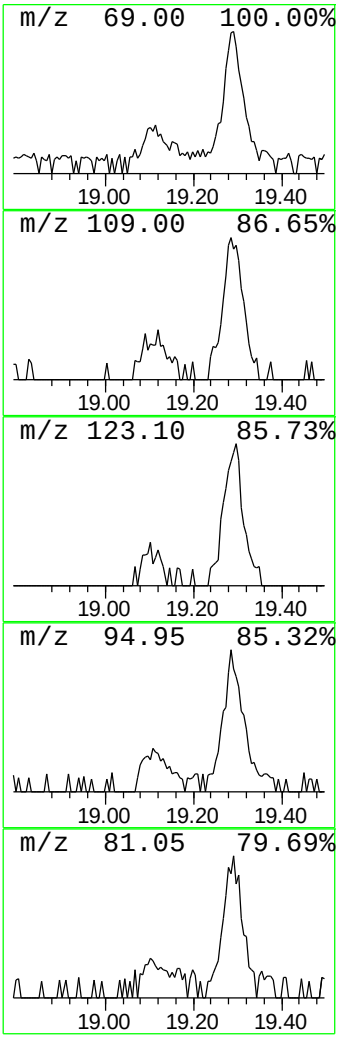
Peak Number 9 1,4-Methano-1H-indene, octa... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	7.59 ng	178582	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methano-1H-indene, octahydro...	204	C15H24	087064-18-4	55
2	1,1,6-trimethyl-3-methylene-2-(3...	452	C33H56	1000373-94-5	41
3	Methyl Camphorsulfonates	246	C11H18O4S	046471-67-4	38
4	Longifolenaldehyde	220	C15H24O	019890-84-7	35
5	2-(Fench-2-yl)fenchane	274	C20H34	1000105-83-1	27





Tentatively Identified Compound (LSC) summary

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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...	4.99	7.7	ng	193902	1	6.76	506866	20.0
unknown6.53	6.53	60.9	ng	1543630	1	6.76	506866	20.0
2-Hydroxy-iso-but...	8.61	2.9	ng	101843	2	8.05	711323	20.0
Benzophenone	10.51	10.7	ng	426951	3	9.79	797631	20.0
n-Hexadecanoic acid	11.80	2.2	ng	86340	4	11.29	792783	20.0
1-Heptacosanol	13.74	3.0	ng	85559	5	13.94	564614	20.0
unknown19.11	19.11	2.8	ng	64823	6	15.41	470476	20.0
1,4-Methano-1H-in...	19.29	7.6	ng	178582	6	15.41	470476	20.0