LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
Data File : BF109712.D
Acq On : 9 Oct 2018 23:15
Operator : JU/SJ
Sample : J5300-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SR-STONE

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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	4.239	362	366	385	rBV	273997	447044	25.79%	3.450%
2	4.886	471	476	492	rBV	599208	722388	41.67%	5.574%
3	5.316	546	549	570	rBV	368202	552472	31.87%	4.263%
4	6.345	720	724	741	rBV	765231	1201981	69.34%	9.275%
5	6.469	741	745	769	rVB	722862	952923	54.97%	7.353%
6	6.698	781	784	794	rBV	303401	393690	22.71%	3.038%
7	6.851	806	810	828	rBV	1252668	1218565	70.30%	9.403%
8	7.257	876	879	910	rBV	643434	975286	56.26%	7.526%
9	7.974	998	1001	1022	rBV	396105	516088	29.77%	3.982%
10	9.051	1180	1184	1208	rBV	1550537	1733448	100.00%	13.376%
11	9.445	1248	1251	1262	rBV	76219	86277	4.98%	0.666%
12	9.721	1294	1298	1316	rBV	514096	505501	29.16%	3.901%
13	10.510	1427	1432	1446	rBV	90815	168654	9.73%	1.301%
14	10.645	1451	1455	1461	rVB4	14724	20838	1.20%	0.161%
15	11.110	1527	1534	1540	rBV3	12132	20617	1.19%	0.159%
16	11.204	1546	1550	1564	rBV	335563	465039	26.83%	3.589%
17	12.780	1814	1818	1831	rBV	1360866	1385304	79.92%	10.690%
18	13.686	1968	1972	1986	rVB4	29475	74174	4.28%	0.572%
19	13.827	1992	1996	2010	rVB	472189	520327	30.02%	4.015%
20	13.998	2021	2025	2028	rBV	28472	26770	1.54%	0.207%
21	14.298	2074	2076	2081	rBV	26814	27504	1.59%	0.212%
22	14.592	2120	2126	2131	rBV	49017	55228	3.19%	0.426%
23	14.662	2134	2138	2141	rBV	63798	57864	3.34%	0.447%
24	14.903	2175	2179	2183	rBV	56733	58384	3.37%	0.451%
25	15.221	2229	2233	2246	rBV	345240	571915	32.99%	4.413%
26	15.645	2300	2305	2310	rBV2	59083	87358	5.04%	0.674%
27	16.103	2377	2383	2391	rBV3	40360	75094	4.33%	0.579%
28	16.633	2469	2473	2482	rVB4	18757	38363	2.21%	0.296%

Sum of corrected areas: 12959096

LSC Report - Integrated Chromatogram

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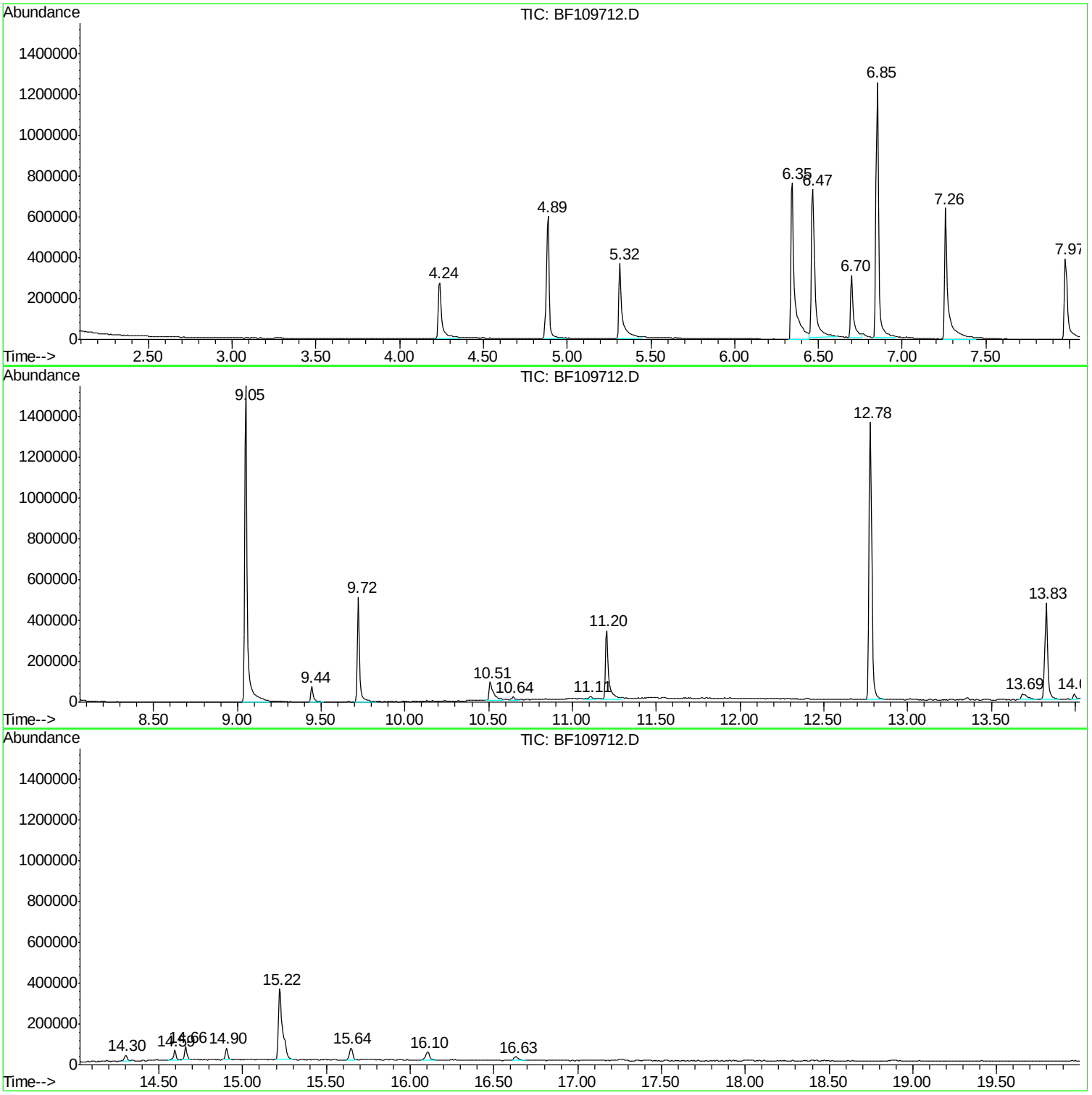
Instrument : BNA_F
ClientSampleId : SR-STONE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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

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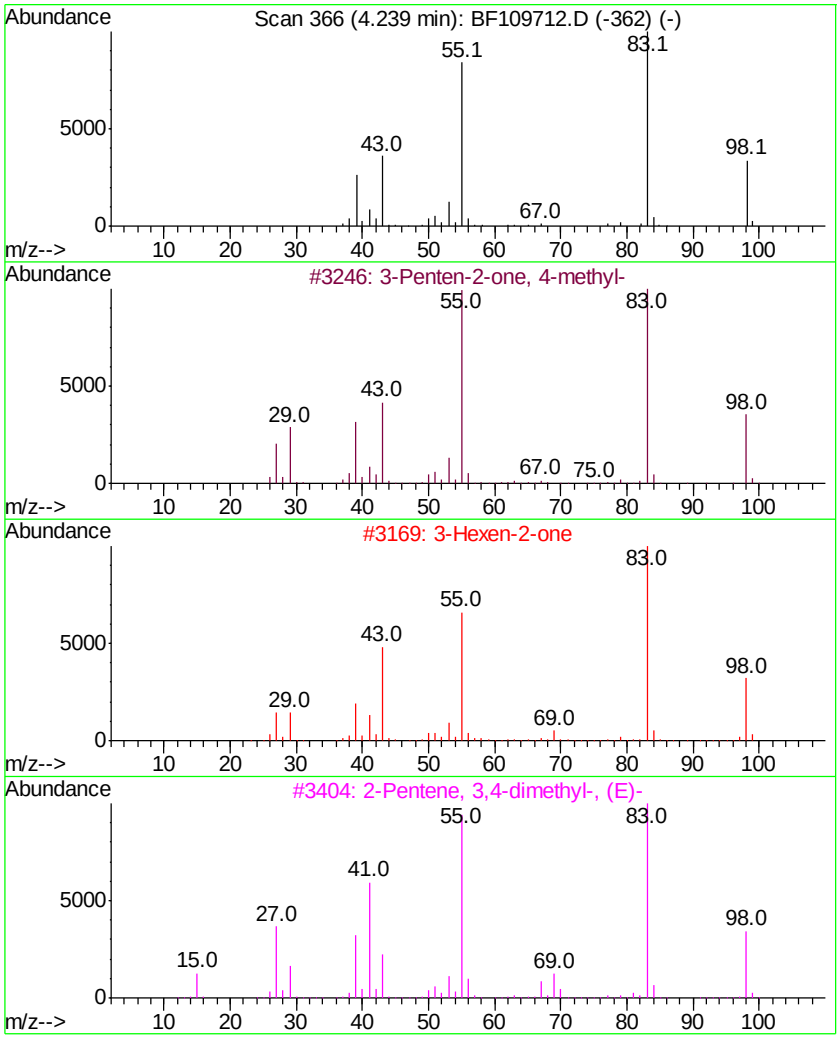
TIC Integration Parameters: LSCINT.P

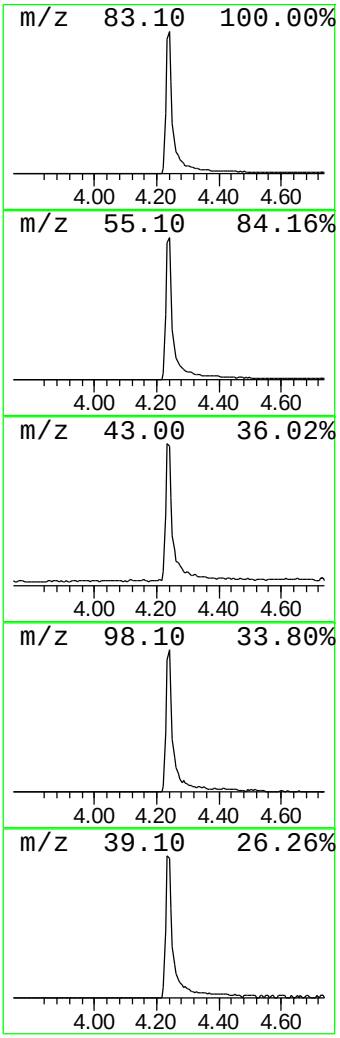
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.24	22.71 ng	447044	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2	3-Hexen-2-one	98	C6H10O	000763-93-9	90
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80





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Sample : J5300-01
Misc :
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Instrument : BNA_F
ClientSampleId : SR-STONE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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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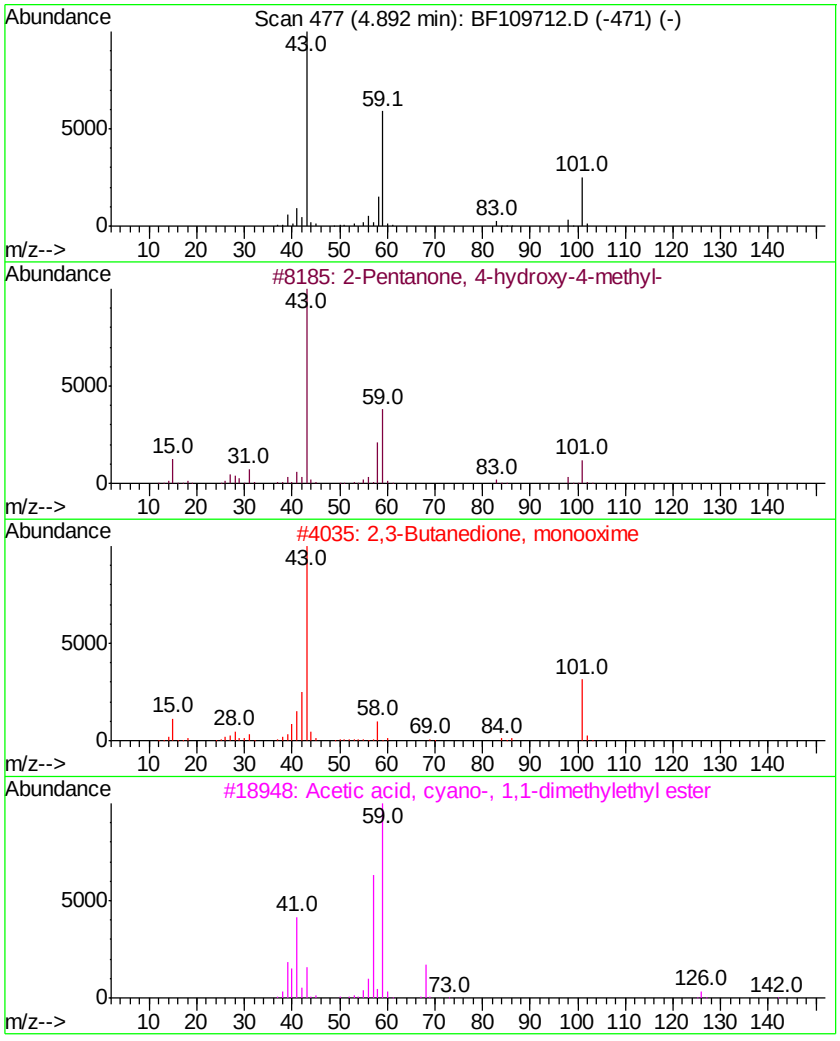
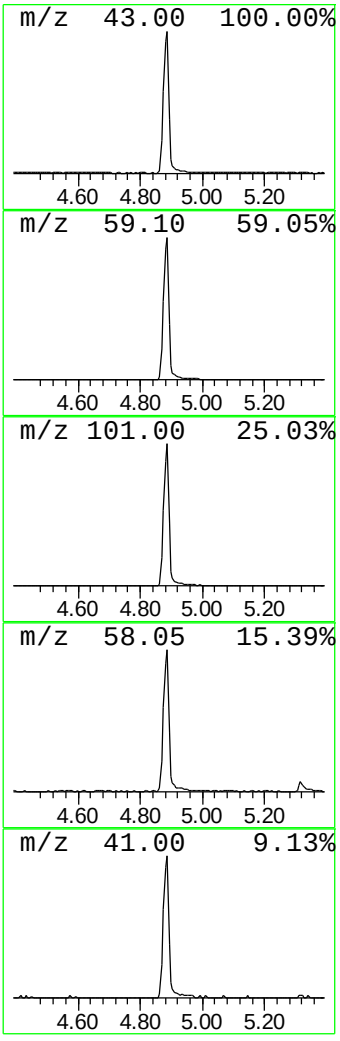
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	36.70 ng	722388	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	1,2-Butanediol	90	C4H10O2	000584-03-2	9





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Instrument : BNA_F
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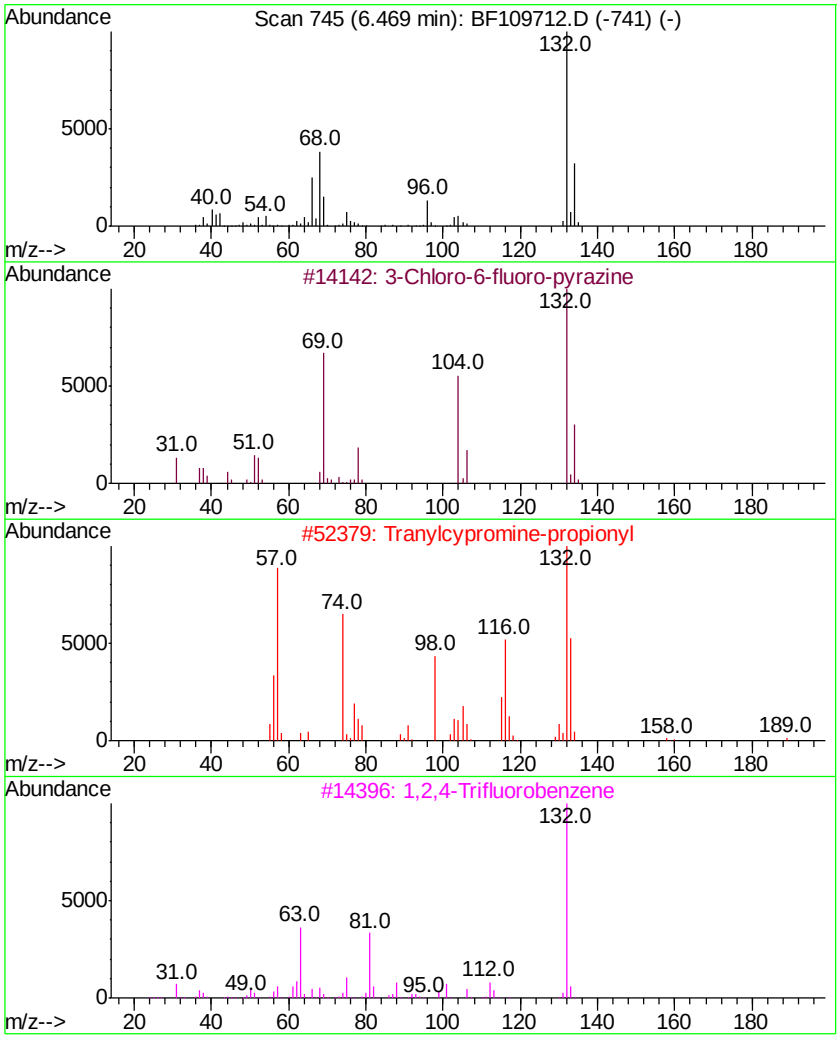
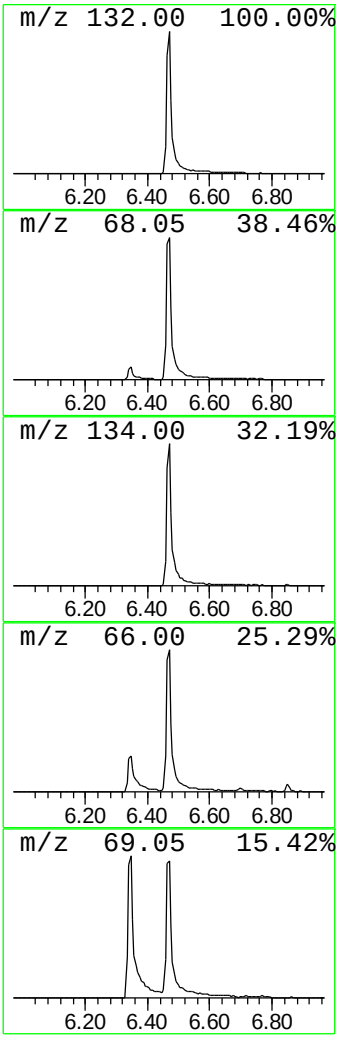
Peak Number 3 unknown6.47 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	48.41 ng	952923	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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ClientSampleId : SR-STONE

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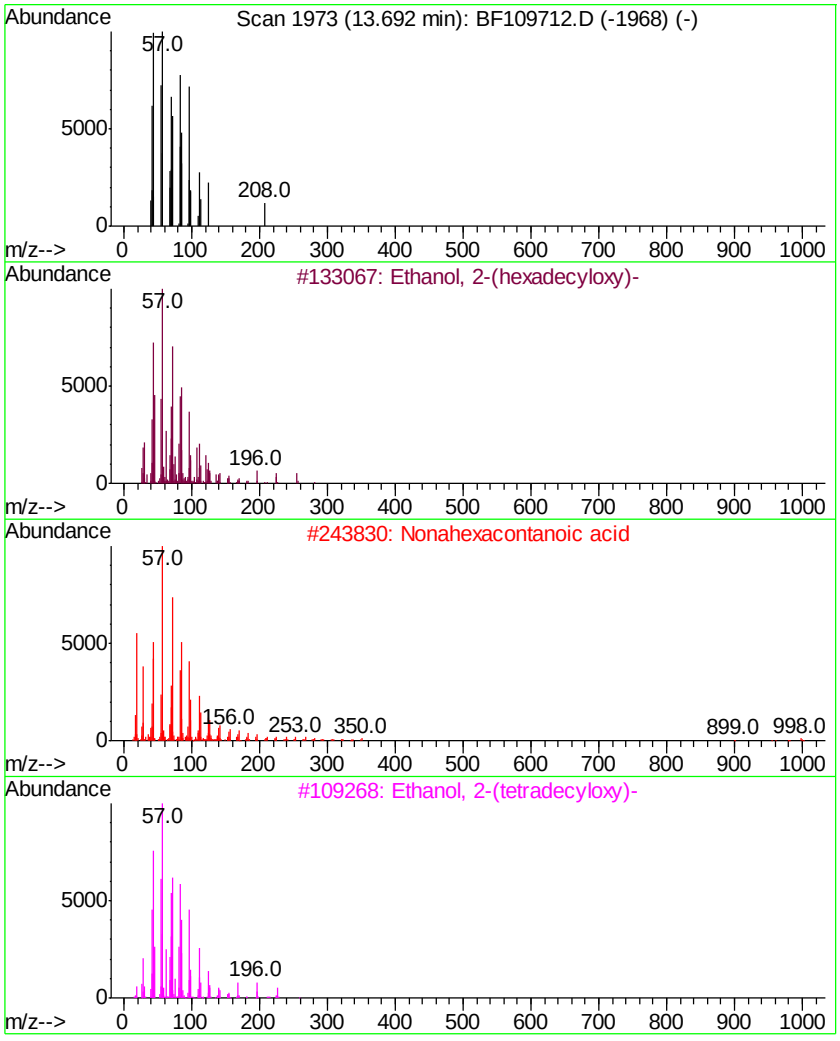
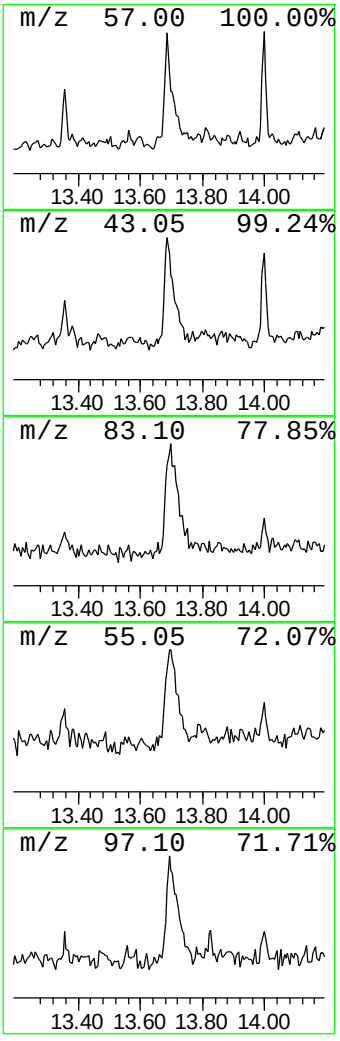
Peak Number 5 Ethanol, 2-(hexadecyloxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	2.85 ng	74174	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	80
2	Nonahexacontanoic acid	999	C69H138O2	040710-32-5	72
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	58
4	Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	50
5	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	49





Library Search Compound Report

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SR-STONE

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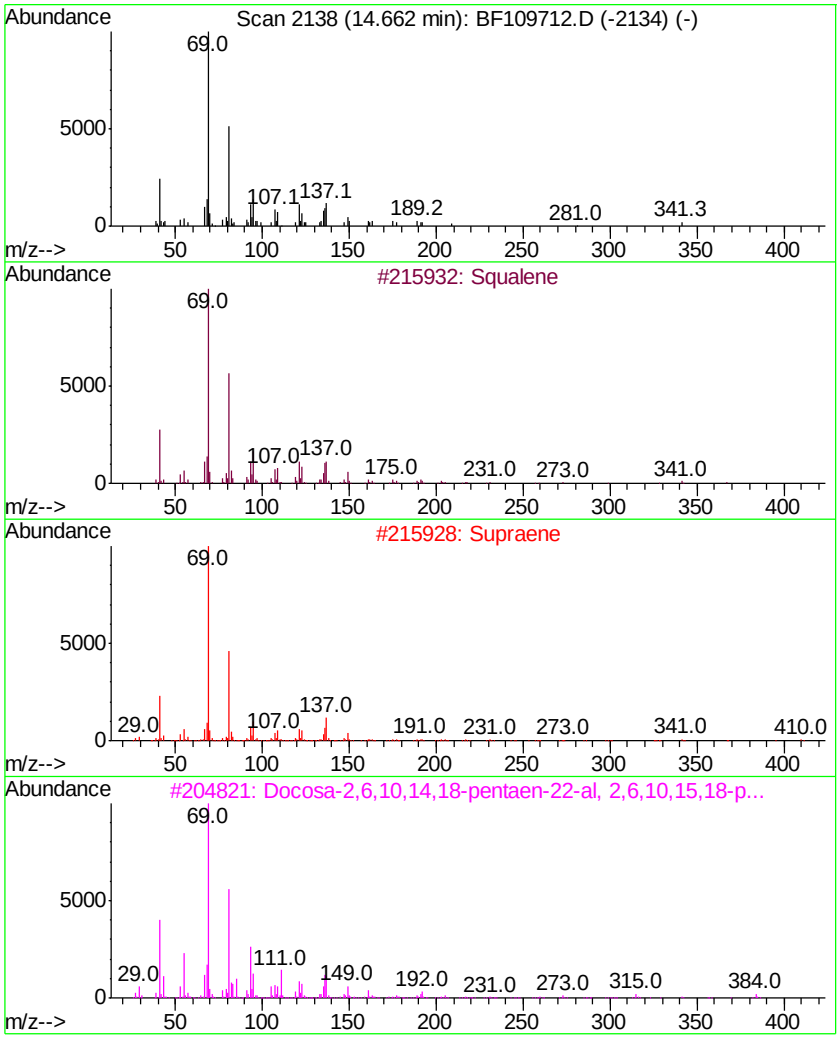
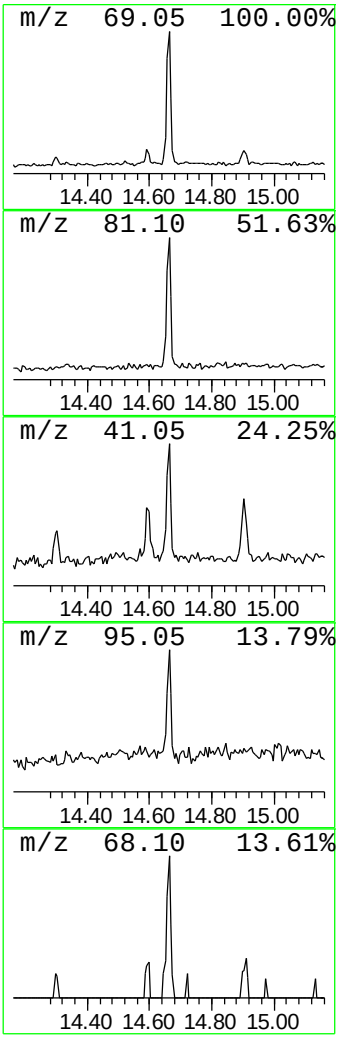
****

Peak Number 6 Squalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	2.02 ng	57864	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	83
4	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	83
5	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	64





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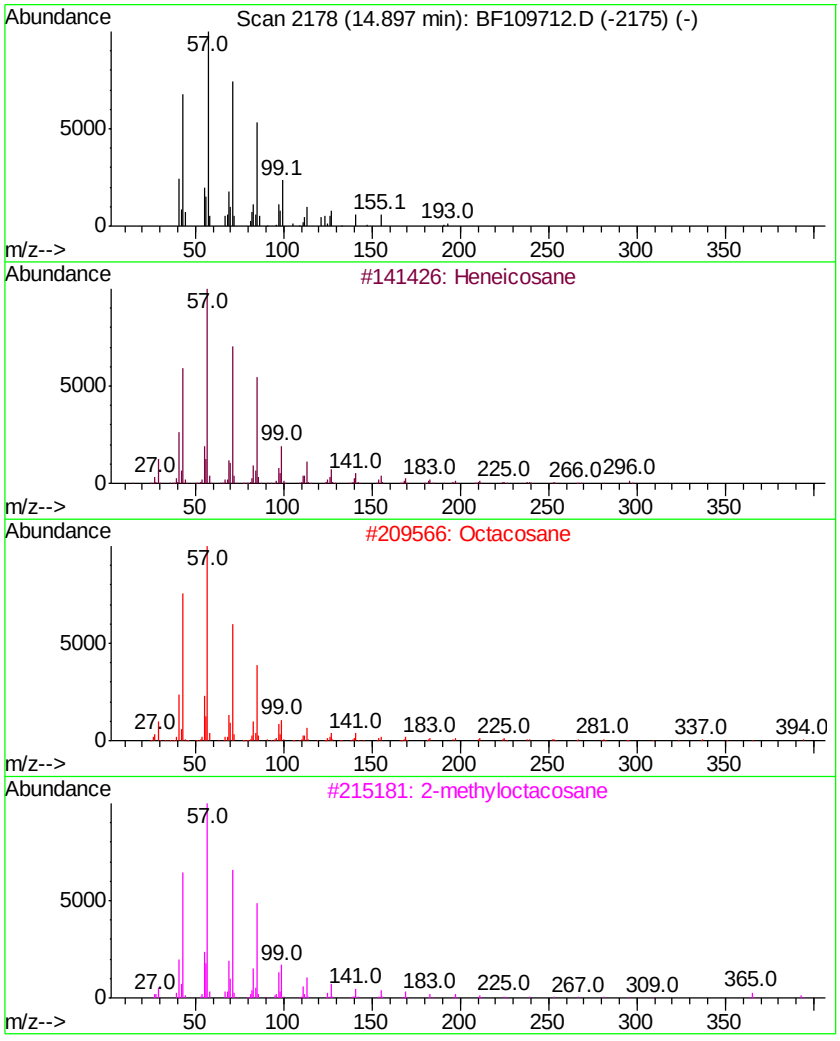
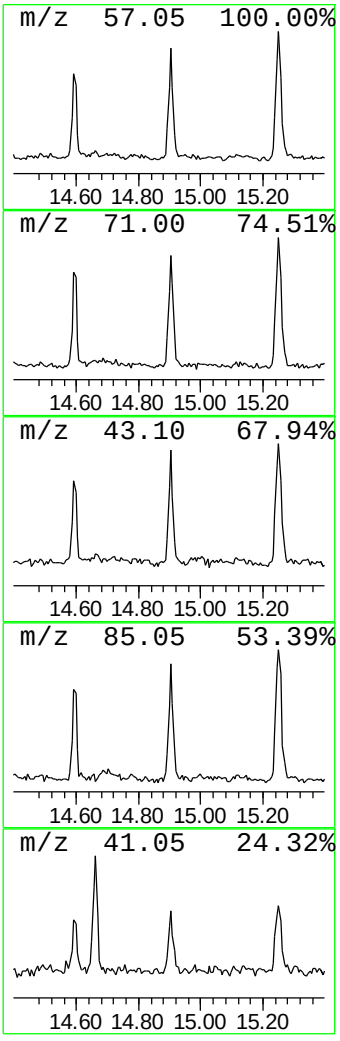
Peak Number 7 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	2.04 ng	58384	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Hexacosane	366	C26H54	000630-01-3	90





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
3-Penten-2-one, 4...	4.24	22.7	ng	447044	1	6.70	393690	20.0
2-Pentanone, 4-hy...	4.89	36.7	ng	722388	1	6.70	393690	20.0
unknown6.47	6.47	48.4	ng	952923	1	6.70	393690	20.0
Ethanol, 2-(hexad...	13.69	2.9	ng	74174	5	13.83	520327	20.0
Squalene	14.66	2.0	ng	57864	6	15.22	571915	20.0
Heneicosane	14.90	2.0	ng	58384	6	15.22	571915	20.0