LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060624\
Data File : BF138143.D
Acq On : 06 Jun 2024 20:15
Operator : CG\JU
Sample : P2718-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

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-BF060524.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138143.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.269	20	31	36	rVB	9169634	13617701	100.00%	18.519%
2	5.128	514	517	521	rVB	285471	279222	2.05%	0.380%
3	5.522	580	584	588	rBV	2815443	2366597	17.38%	3.218%
4	6.516	749	753	756	rBV	2270035	1725623	12.67%	2.347%
5	6.904	815	819	822	rBV	3069563	2300150	16.89%	3.128%
6	7.469	909	915	918	rBV	6040115	5905773	43.37%	8.032%
7	8.186	1032	1037	1040	rBV	3805278	3084778	22.65%	4.195%
8	8.492	1086	1089	1096	rBV	162799	142575	1.05%	0.194%
9	9.263	1214	1220	1223	rBV	12282844	11485879	84.35%	15.620%
10	9.939	1330	1335	1338	rBV	4652796	3673103	26.97%	4.995%
11	10.045	1346	1353	1356	rBV	5887782	7679802	56.40%	10.444%
12	10.728	1464	1469	1472	rBV	5017021	4451531	32.69%	6.054%
13	11.427	1584	1588	1591	rBV	3901562	3458957	25.40%	4.704%
14	11.951	1673	1677	1682	rBV	281934	299759	2.20%	0.408%
15	12.739	1808	1811	1821	rBV	123791	155060	1.14%	0.211%
16	13.016	1853	1858	1861	rBV	10595633	9624720	70.68%	13.089%
17	13.910	2007	2010	2016	rBV	185438	204089	1.50%	0.278%
18	14.063	2032	2036	2051	rVB	1880101	1654966	12.15%	2.251%
19	15.545	2282	2288	2294	rBV	1113506	1421913	10.44%	1.934%

Sum of corrected areas: 73532198

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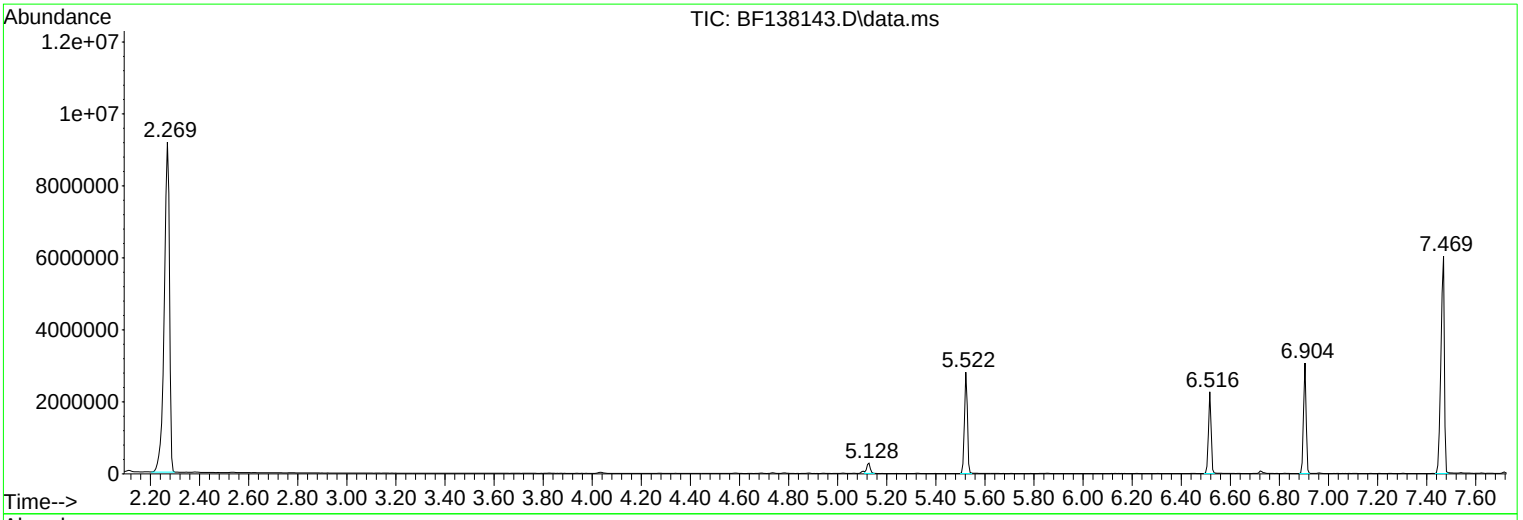
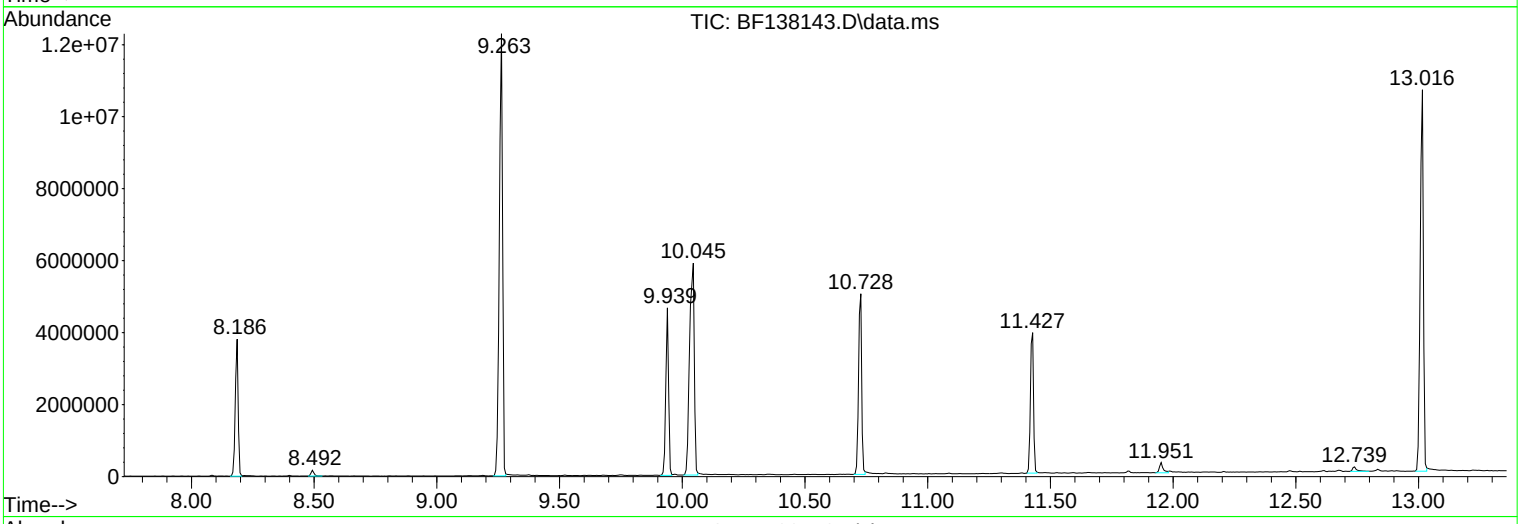
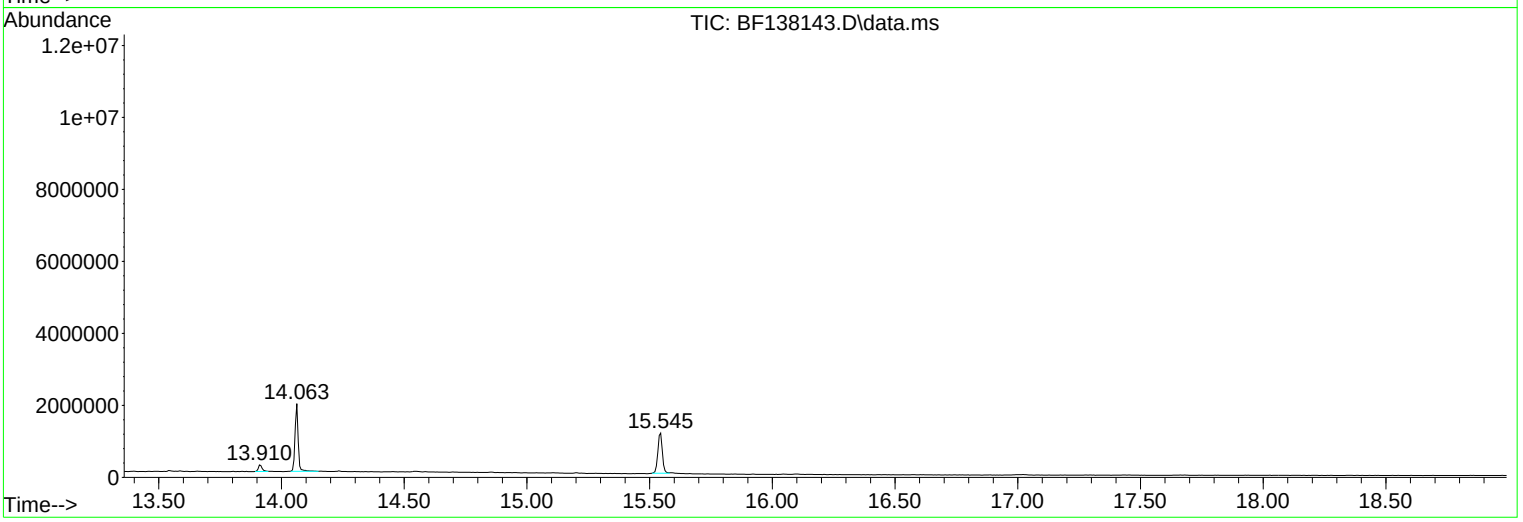
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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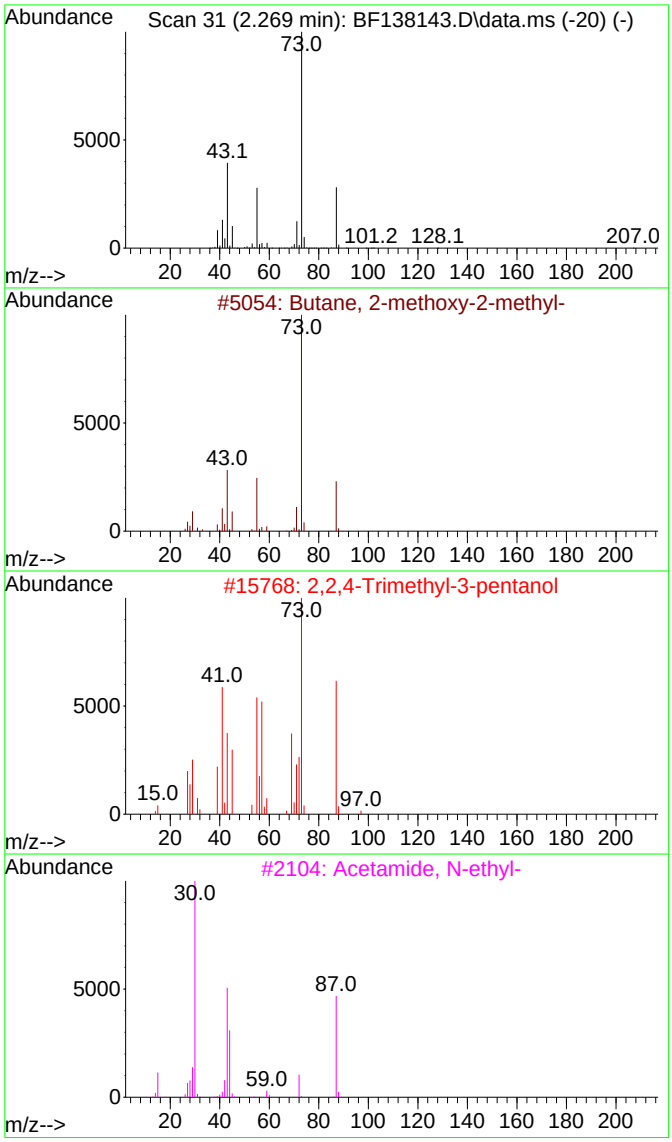
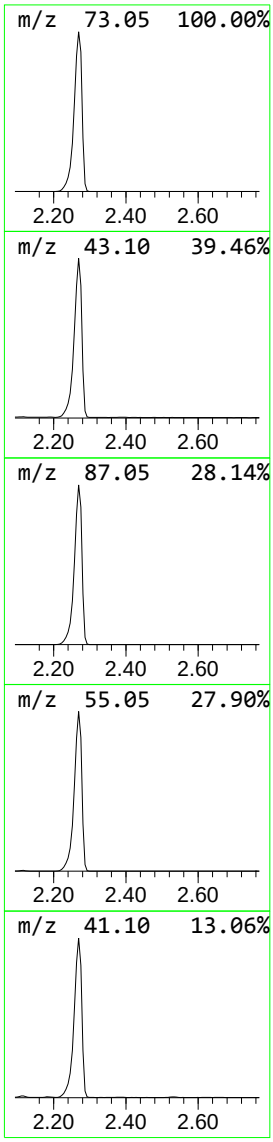
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.269	118.41 ng	13617700	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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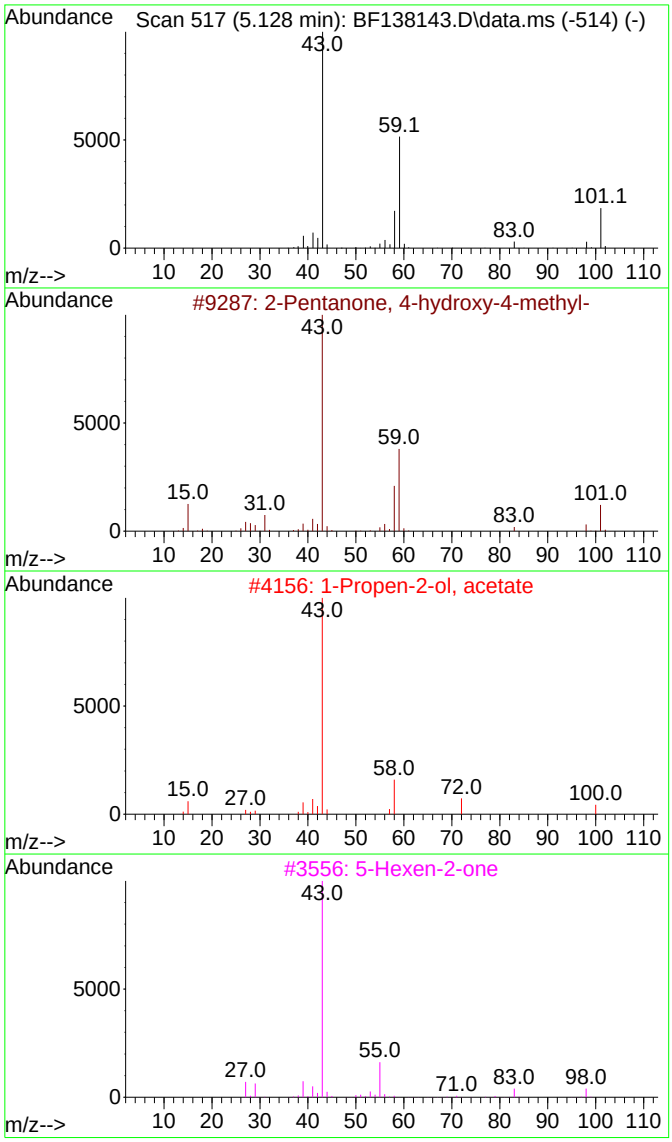
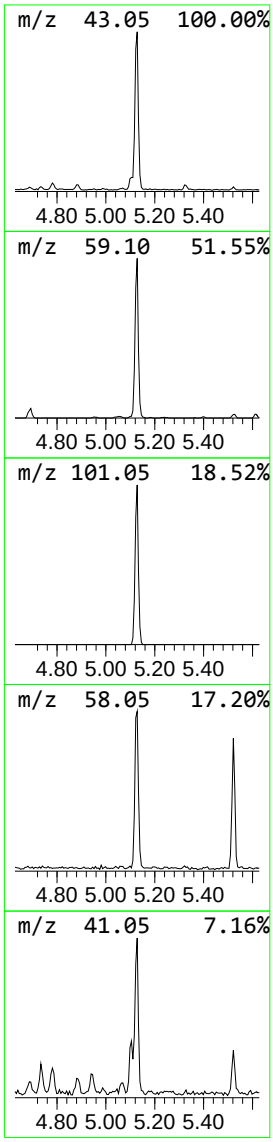
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.128	2.43 ng	279222	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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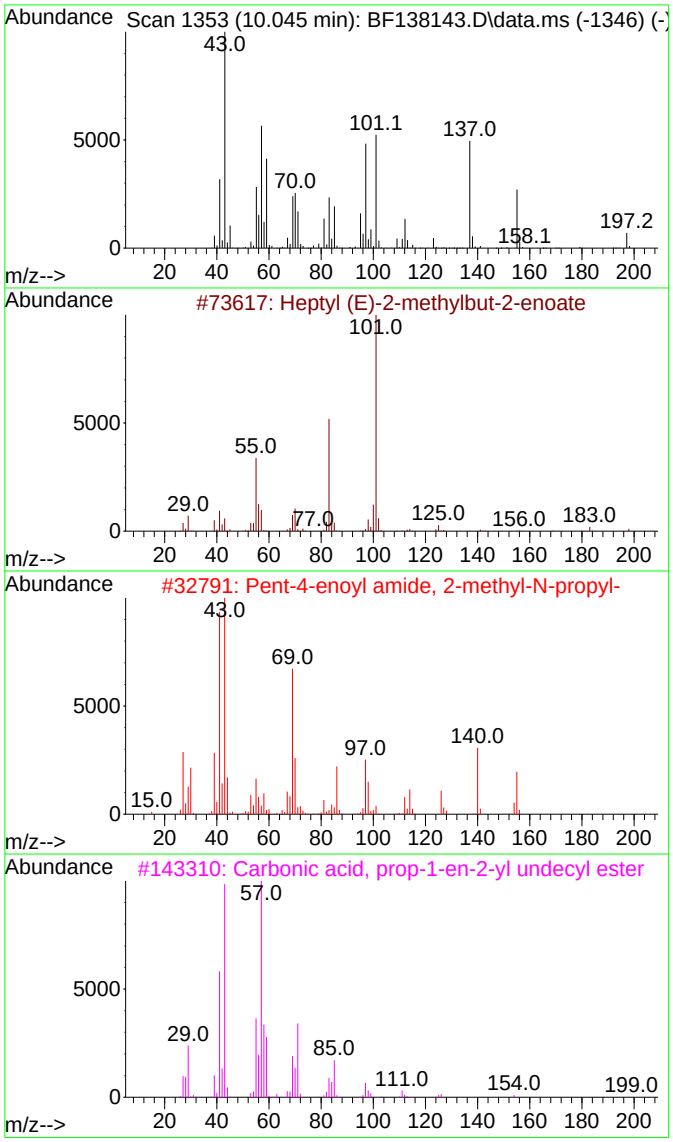
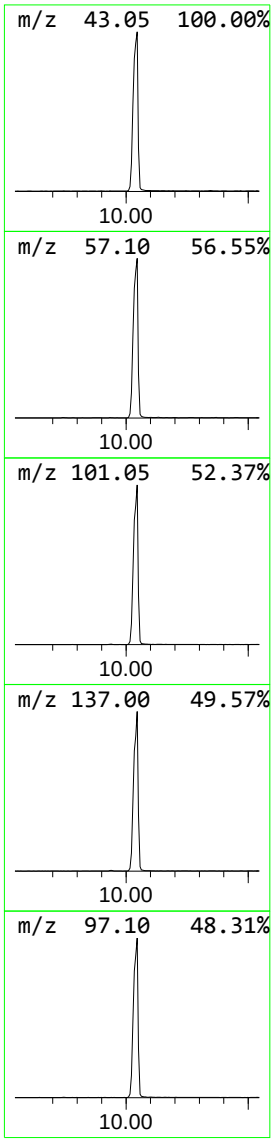
Peak Number 3 unknown10.045 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.045	41.82 ng	7679800	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptyl (E)-2-methylbut-2-enoate	198	C12H22O2	1010373-73-8	10
2	Pent-4-enoyl amide, 2-methyl-N-p...	155	C9H17NO	1000420-35-2	10
3	Carbonic acid, prop-1-en-2-yl un...	256	C15H28O3	1000382-90-6	10
4	Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	10
5	7-Oxabicyclo[4.1.0]heptane, 1-me...	112	C7H12O	001713-33-3	10





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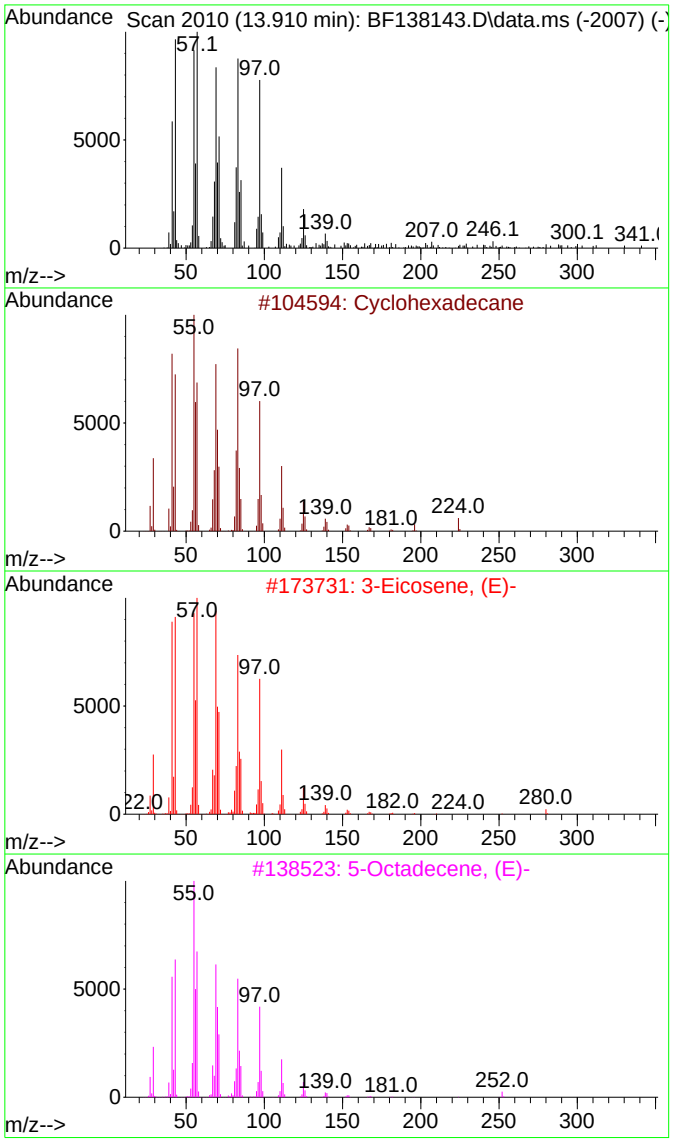
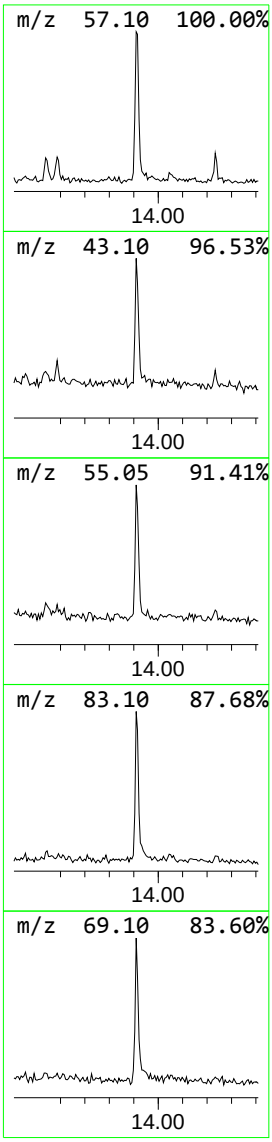
Peak Number 4 Cyclohexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	2.47 ng	204089	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	97
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	94
4	1-Tetracosene	336	C24H48	010192-32-2	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.269	118.4	ng	13617700	1	6.904	2300150	20.0
2-Pentanone, 4-...	5.128	2.4	ng	279222	1	6.904	2300150	20.0
unknown10.045	10.045	41.8	ng	7679800	3	9.939	3673100	20.0
Cyclohexadecane	13.910	2.5	ng	204089	5	14.063	1654970	20.0