LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022321\
Data File : BF123276.D
Acq On : 23 Feb 2021 12:18
Operator : JU/CG
Sample : M1452-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

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-BF021921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123276.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	7	14	rVB	452374	558842	12.61%	1.866%
2	5.481	572	577	580	rBV	3422905	3303846	74.58%	11.033%
3	6.493	743	749	768	rVB2	3322505	3812184	86.05%	12.731%
4	6.857	807	811	814	rBV	883175	725470	16.38%	2.423%
5	7.416	901	906	909	rBV	2176308	2232818	50.40%	7.456%
6	8.140	1025	1029	1032	rBV	1210206	975754	22.03%	3.258%
7	9.216	1207	1212	1215	rBV	3896262	3765062	84.99%	12.573%
8	9.610	1275	1279	1282	rBV	125568	97229	2.19%	0.325%
9	9.898	1323	1328	1331	rBV	1371922	1139032	25.71%	3.804%
10	10.692	1458	1463	1466	rBV	2773190	2611407	58.95%	8.721%
11	11.386	1577	1581	1585	rBV	1407833	1228469	27.73%	4.102%
12	11.922	1667	1672	1684	rBV	549994	669946	15.12%	2.237%
13	12.369	1745	1748	1752	rVB	69844	58301	1.32%	0.195%
14	12.604	1785	1788	1790	rBV	56549	52157	1.18%	0.174%
15	12.710	1802	1806	1820	rBV	564706	716366	16.17%	2.392%
16	12.986	1847	1853	1856	rBV	4736826	4430187	100.00%	14.794%
17	13.892	2002	2007	2026	rBV2	263019	869530	19.63%	2.904%
18	14.039	2027	2032	2035	rBV	1345409	1195901	26.99%	3.994%
19	14.510	2107	2112	2114	rBV2	51863	59311	1.34%	0.198%
20	14.551	2114	2119	2131	rVV2	36175	115561	2.61%	0.386%
21	15.080	2205	2209	2213	rBV2	36956	68858	1.55%	0.230%
22	15.157	2219	2222	2225	rBV	56890	59578	1.34%	0.199%
23	15.510	2277	2282	2297	rVB	783004	1079283	24.36%	3.604%
24	15.980	2358	2362	2367	rBV3	38583	51240	1.16%	0.171%
25	17.339	2587	2593	2603	rVB10	27579	68661	1.55%	0.229%

Sum of corrected areas: 29944993

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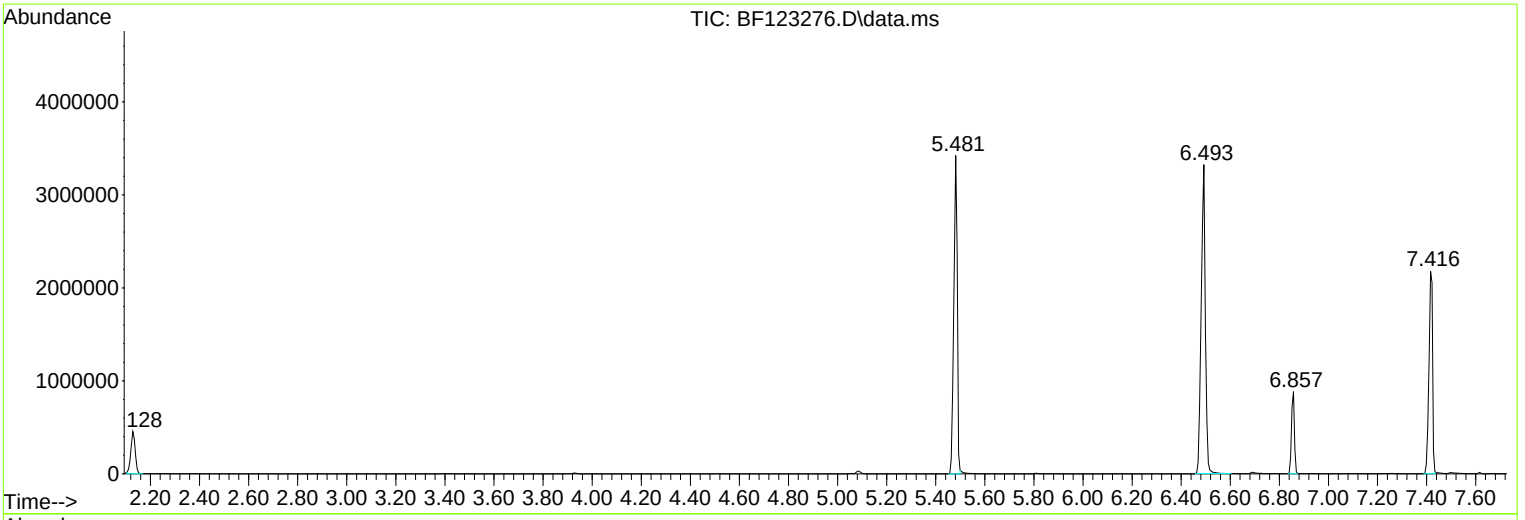
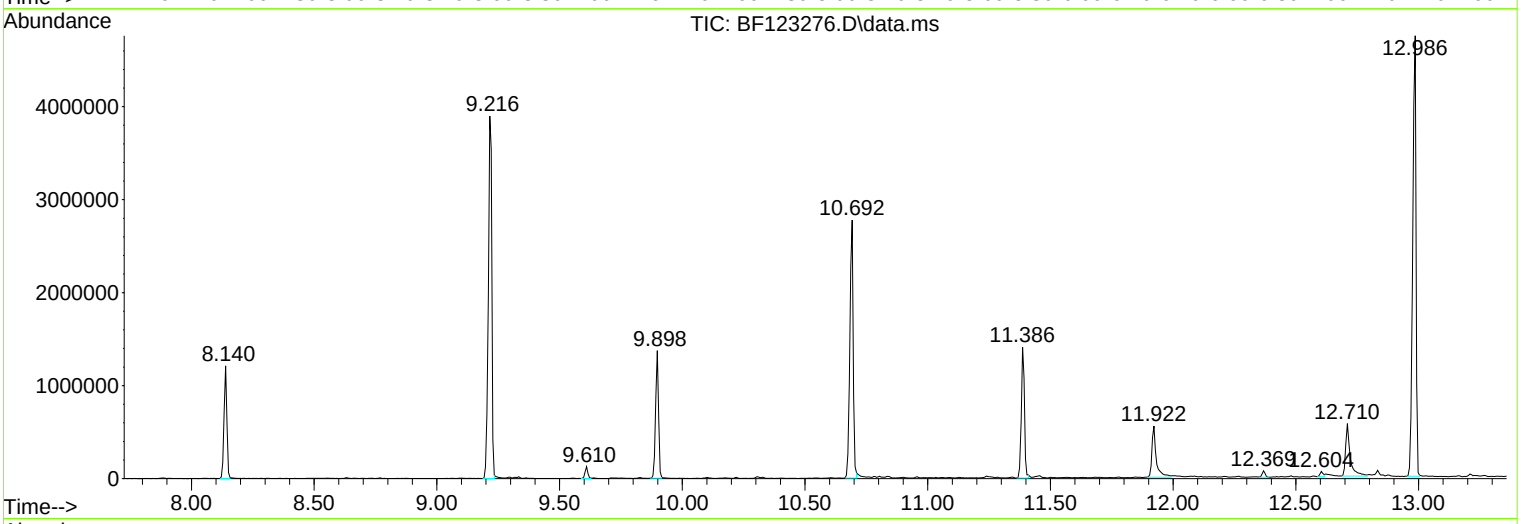
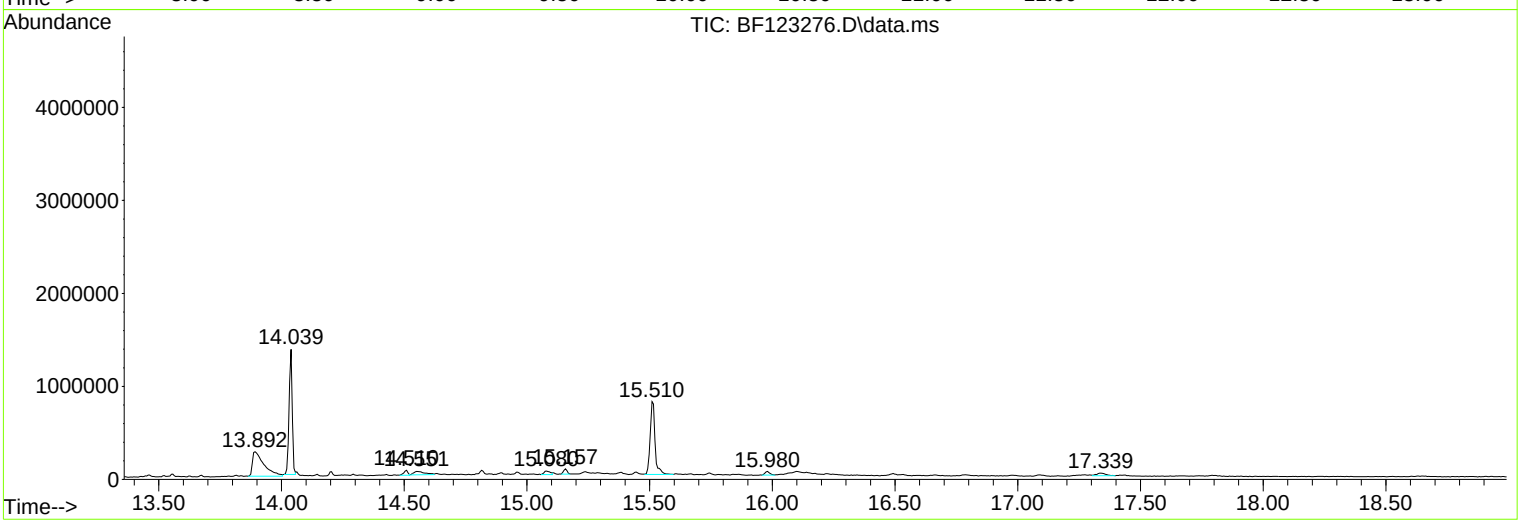
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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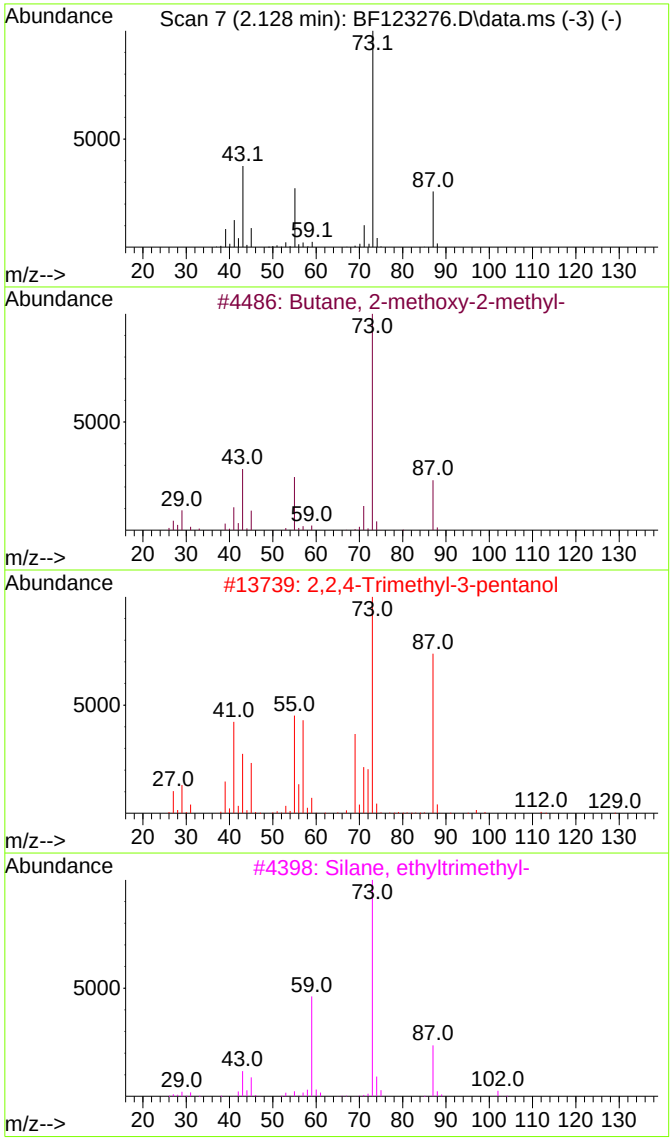
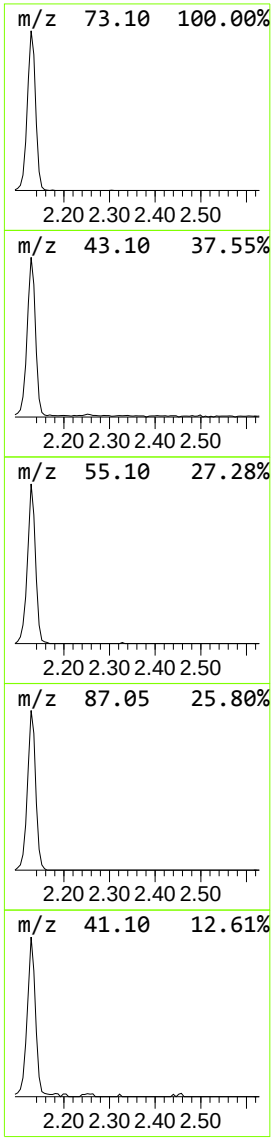
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.128	15.41 ng	558842	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23





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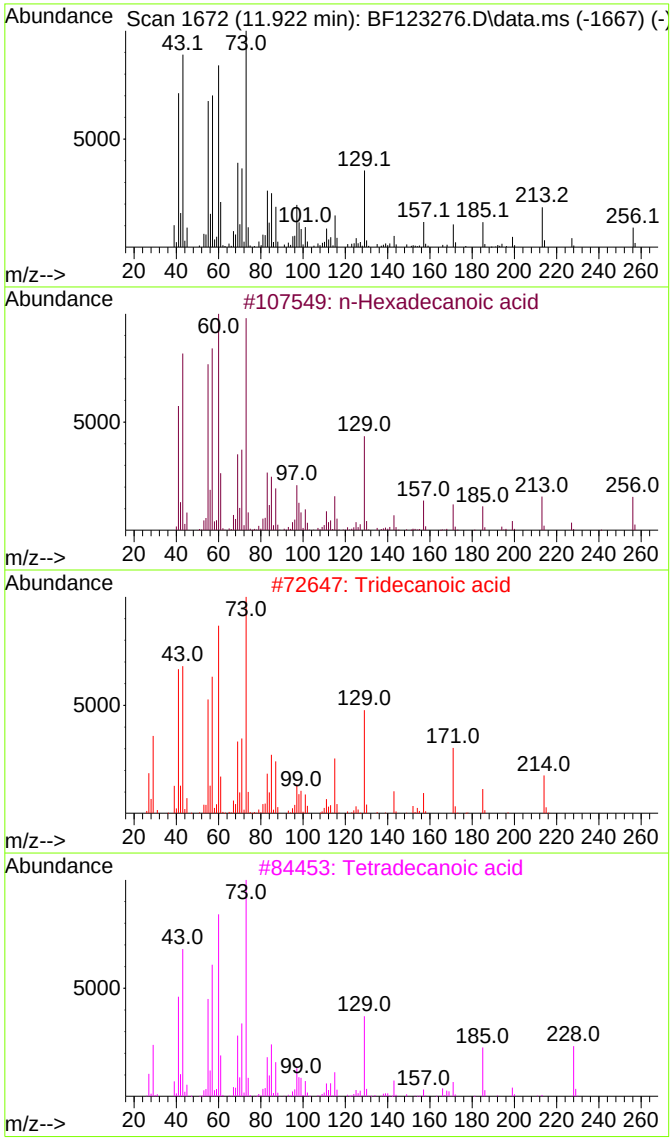
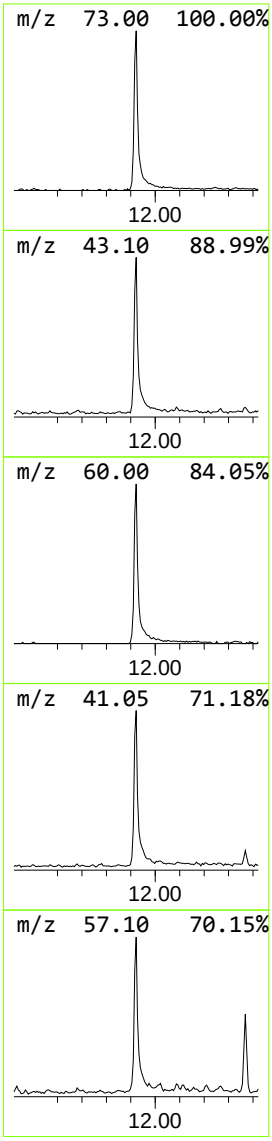
Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	10.91 ng	669946	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





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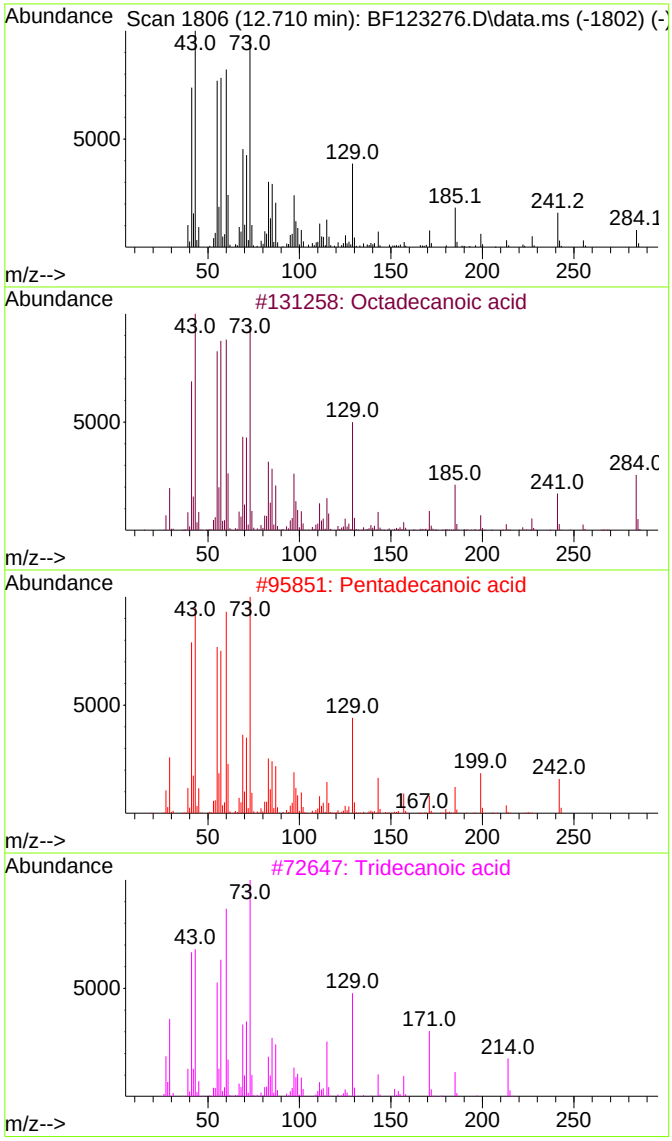
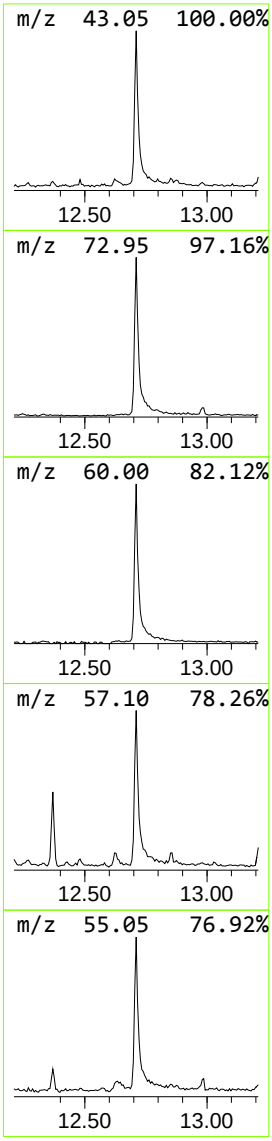
****

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.710	11.66 ng	716366	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	87





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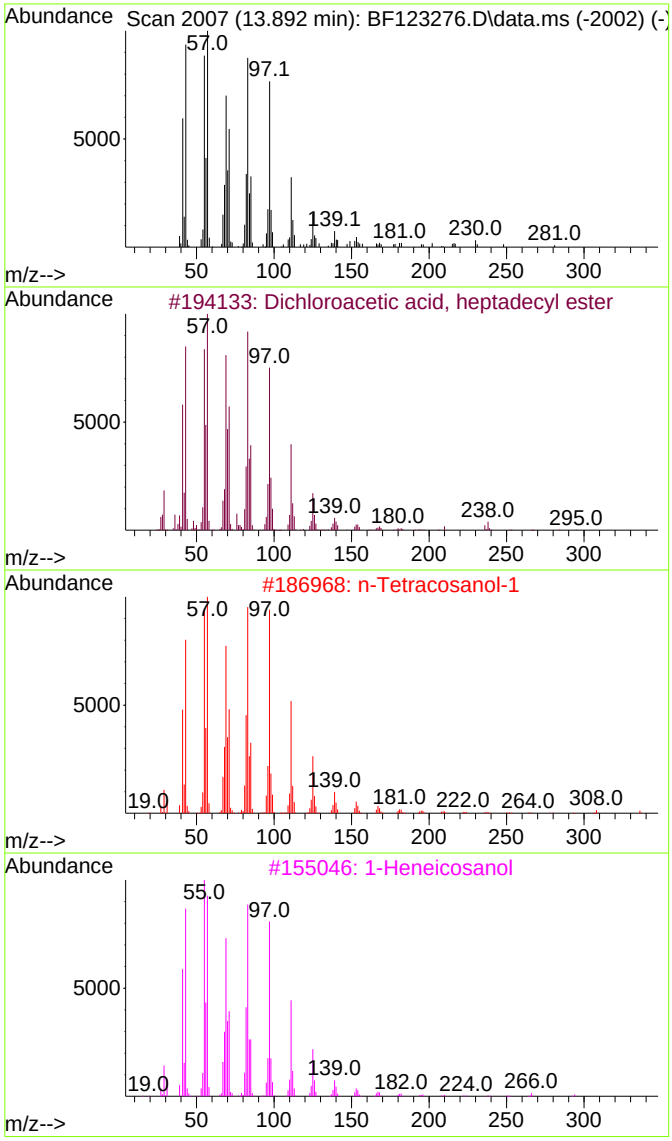
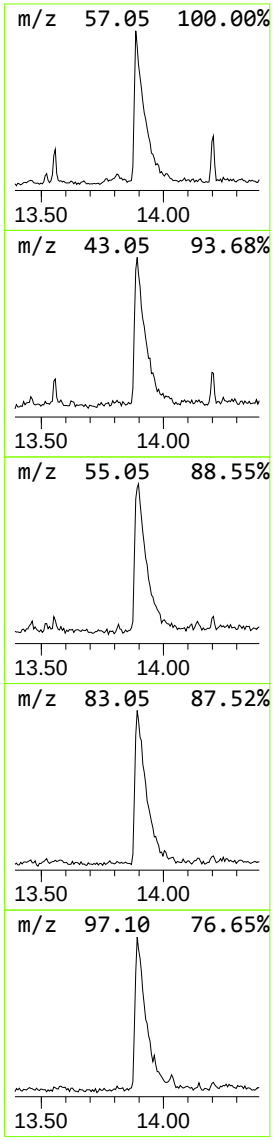
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Dichloroacetic acid, heptad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	14.54 ng	869530	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	93





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.128	15.4	ng	558842	1	6.857	725470	20.0
n-Hexadecanoic ...	11.922	10.9	ng	669946	4	11.386	1228470	20.0
Octadecanoic acid	12.710	11.7	ng	716366	4	11.386	1228470	20.0
Dichloroacetic ...	13.892	14.5	ng	869530	5	14.039	1195900	20.0