LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142450.D
Acq On : 19 May 2025 14:35
Operator : RC/JU
Sample : Q2032-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-37

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-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142450.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.422	204	209	236	rBV	56448	147062	5.89%	0.776%
2	5.116	489	497	509	rVB	149839	225236	9.03%	1.189%
3	5.516	559	565	570	rBV	1567000	2062396	82.65%	10.883%
4	6.522	730	736	741	rBV	1501005	2050049	82.16%	10.818%
5	6.728	766	771	780	rVB	39069	55316	2.22%	0.292%
6	6.898	795	800	806	rBV	571105	719014	28.82%	3.794%
7	7.457	889	895	901	rBV	1022126	1388518	55.65%	7.327%
8	7.716	934	939	946	rVB	19462	26163	1.05%	0.138%
9	8.181	1013	1018	1024	rBV	673525	872363	34.96%	4.603%
10	8.492	1066	1071	1082	rBV	99292	137010	5.49%	0.723%
11	9.257	1195	1201	1206	rBV	1962198	2449318	98.16%	12.925%
12	9.939	1311	1317	1322	rBV	798714	996631	39.94%	5.259%
13	10.027	1327	1332	1338	rBV	110207	167381	6.71%	0.883%
14	10.651	1433	1438	1445	rVB	66353	82871	3.32%	0.437%
15	10.727	1445	1451	1467	rBV	1235445	1638254	65.66%	8.645%
16	11.427	1564	1570	1576	rBV	803615	1045157	41.89%	5.515%
17	11.945	1653	1658	1673	rBV	190835	305444	12.24%	1.612%
18	12.733	1787	1792	1806	rBV	48478	87758	3.52%	0.463%
19	13.010	1834	1839	1845	rBV	1939534	2495236	100.00%	13.167%
20	13.904	1986	1991	2011	rBV	126332	246567	9.88%	1.301%
21	14.063	2013	2018	2028	rVV	641406	848136	33.99%	4.476%
22	14.533	2094	2098	2104	rBV2	28112	48301	1.94%	0.255%
23	15.557	2266	2272	2286	rVB	517081	809237	32.43%	4.270%
24	16.092	2359	2363	2372	rBV6	16440	46617	1.87%	0.246%

Sum of corrected areas: 18950035

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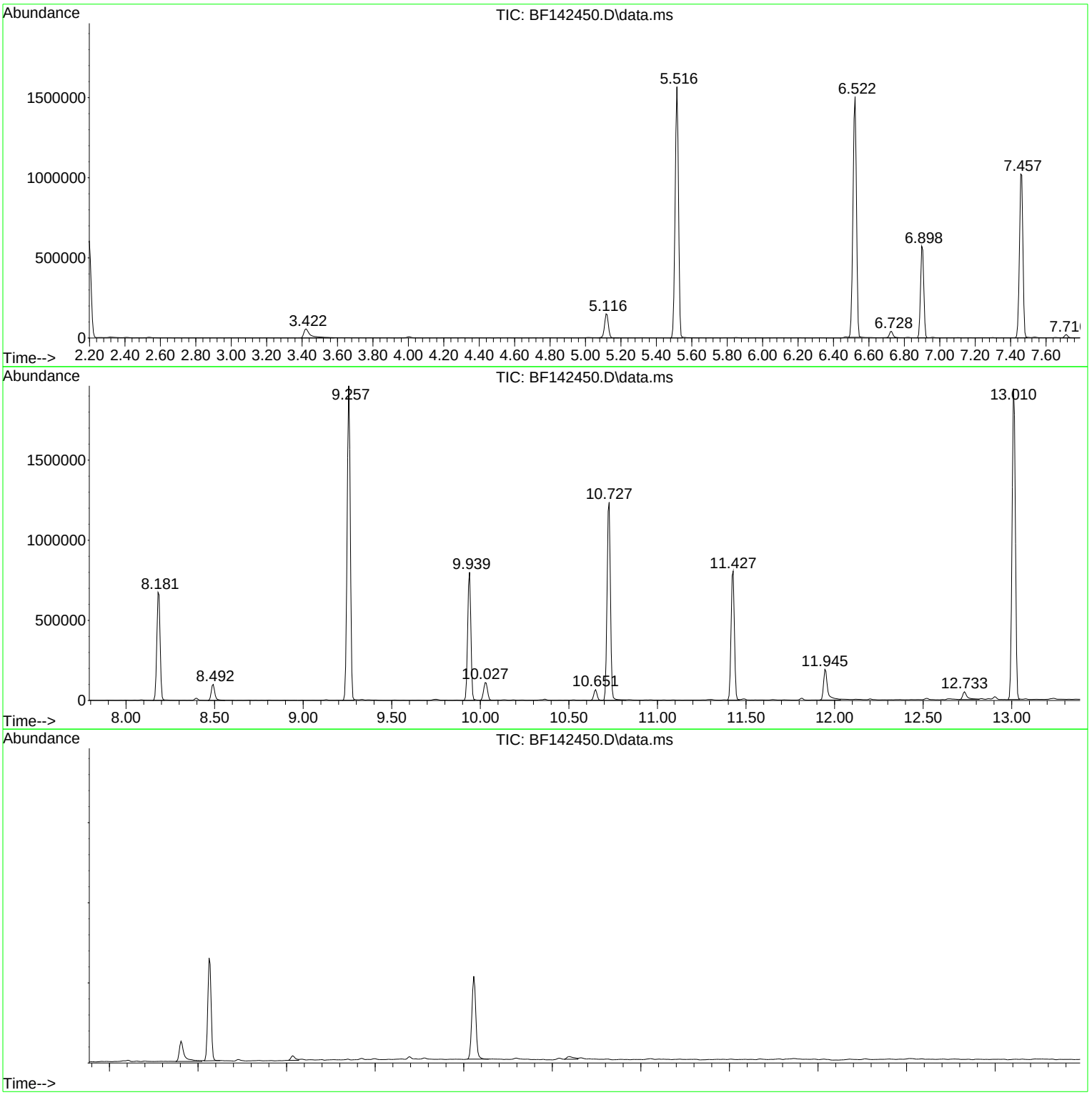
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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TIC Library : C:\Database\NIST20.L
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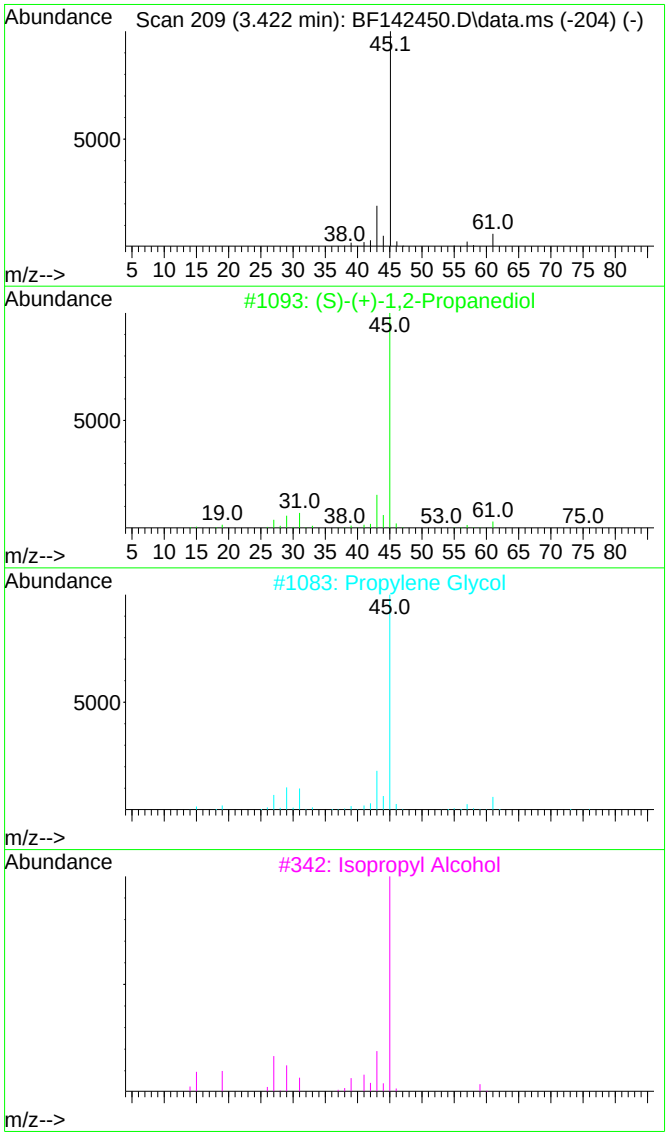
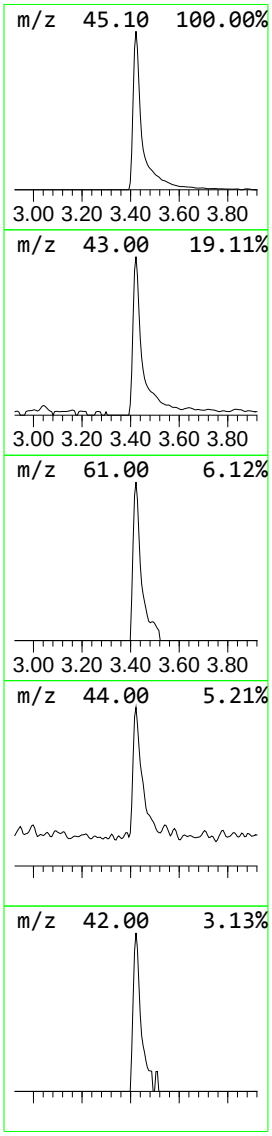
****

Peak Number 1 unknown3.422 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.422	4.09 ng	147062	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	43
2	Propylene Glycol	76	C3H8O2	000057-55-6	43
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9
5	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	9





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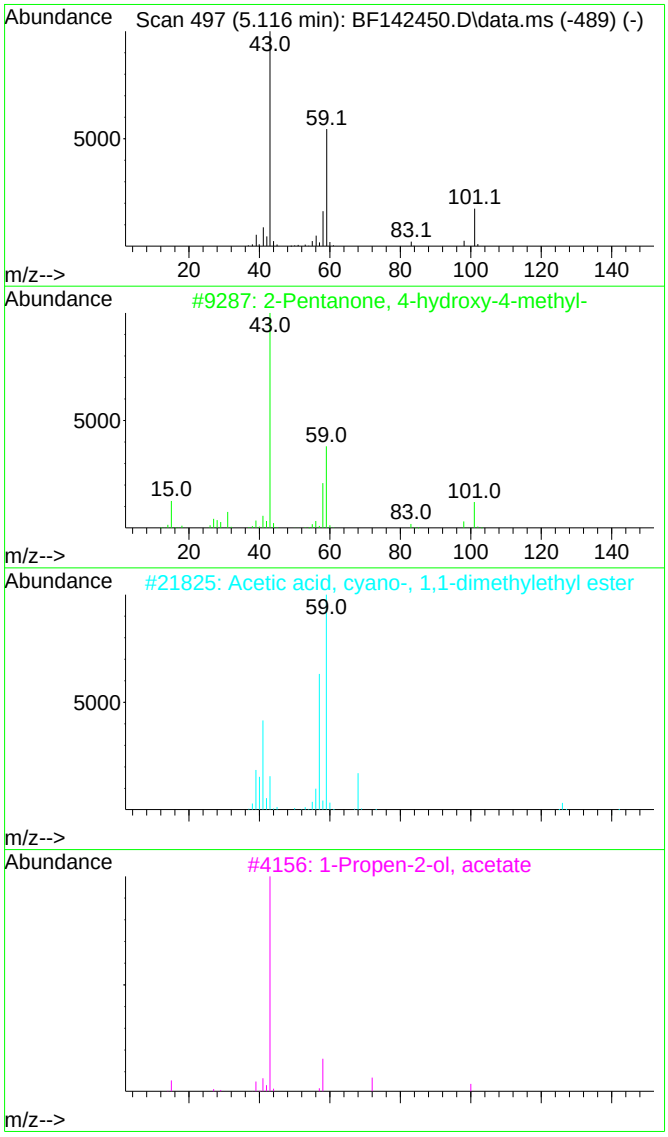
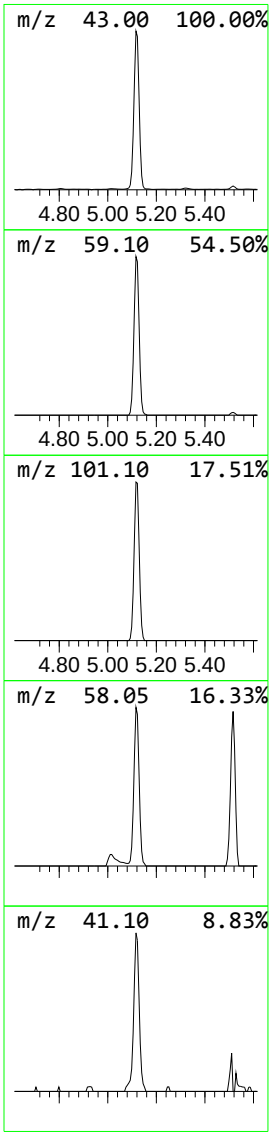
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.116	6.27 ng	225236	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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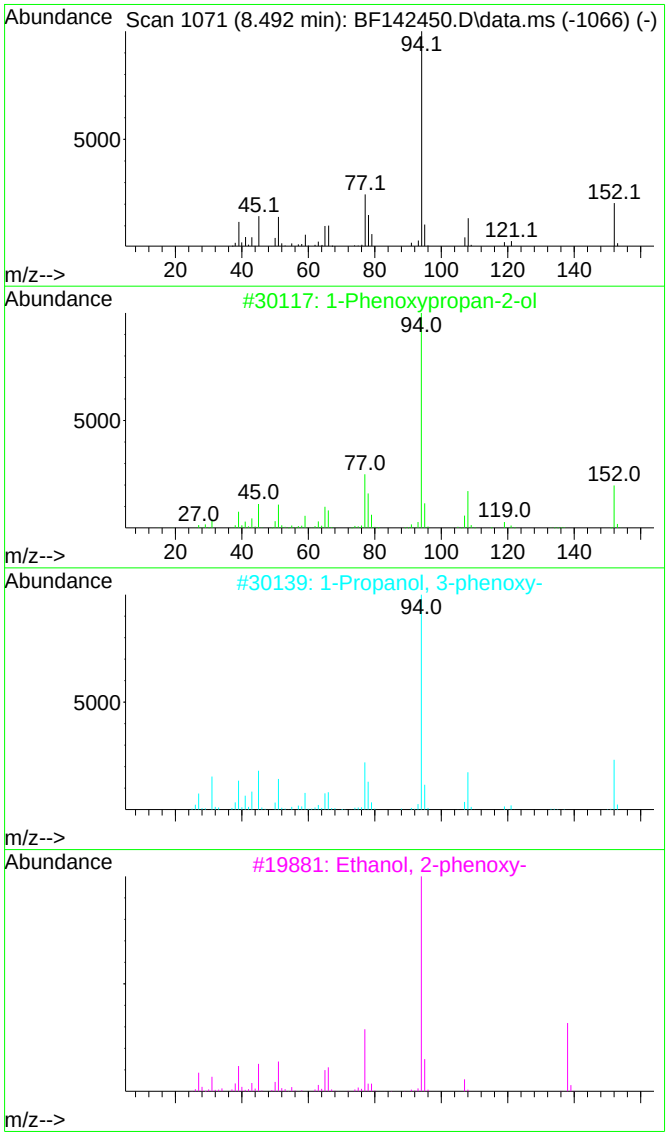
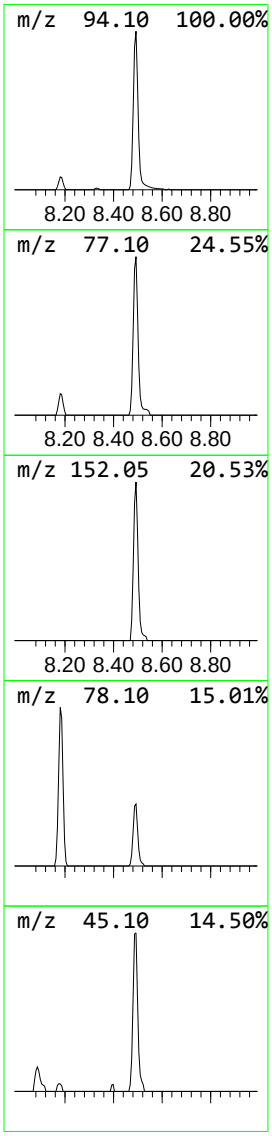
****

Peak Number 3 1-Phenoxypropan-2-ol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.492	3.14 ng	137010	Naphthalene-d8	8.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
2	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	94
3	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	59
4	Benzene, propoxy-	136	C9H12O	000622-85-5	53
5	Carbonic acid, neopentyl phenyl ...	208	C12H16O3	013183-19-2	53





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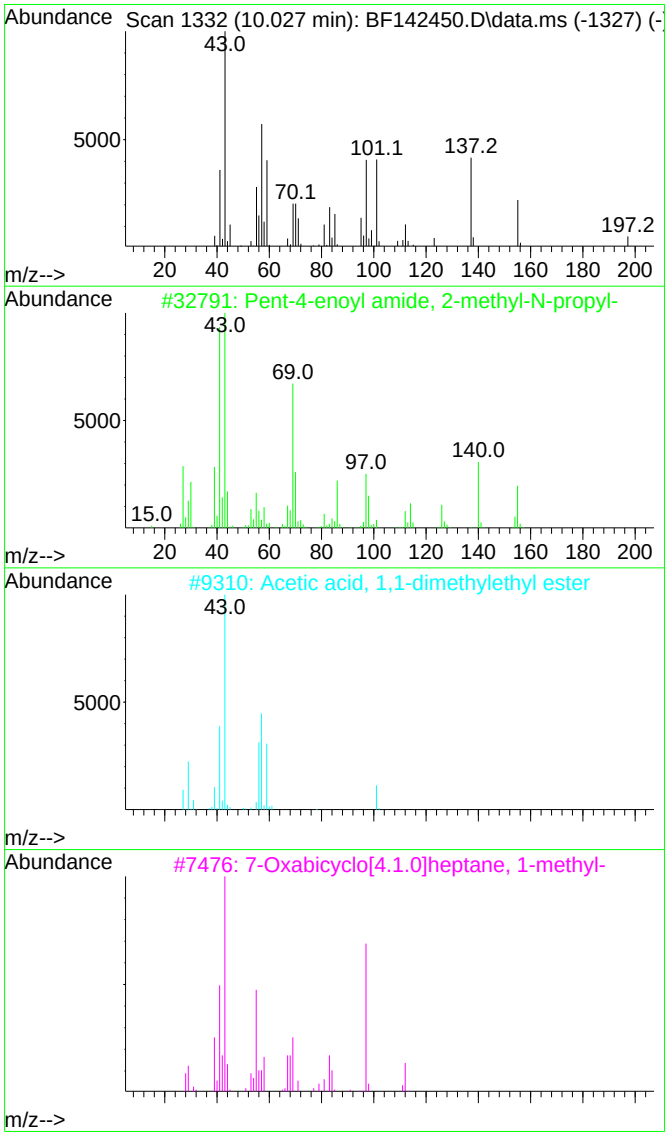
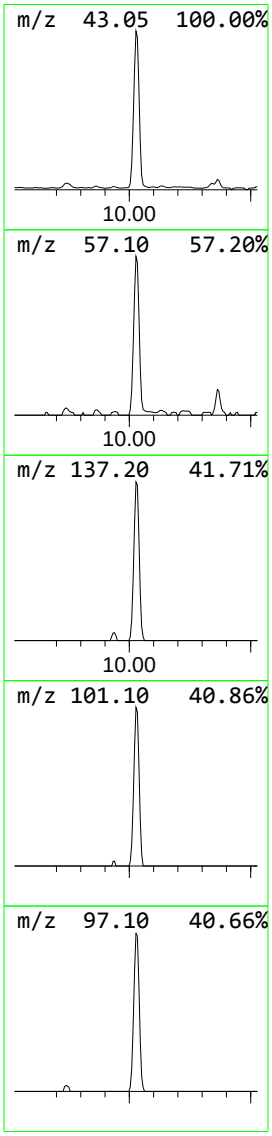
Peak Number 4 unknown10.028 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.028	3.36 ng	167381	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pent-4-enoyl amide, 2-methyl-N-p...	155	C9H17NO	1000420-35-2	14
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	12
3	7-Oxabicyclo[4.1.0]heptane, 1-me...	112	C7H12O	001713-33-3	11
4	3-Octanol, acetate	172	C10H20O2	004864-61-3	10
5	2,4,4-Trimethyl-1-pentanol, chlo...	242	C10H17ClF2O2	1000447-27-2	10





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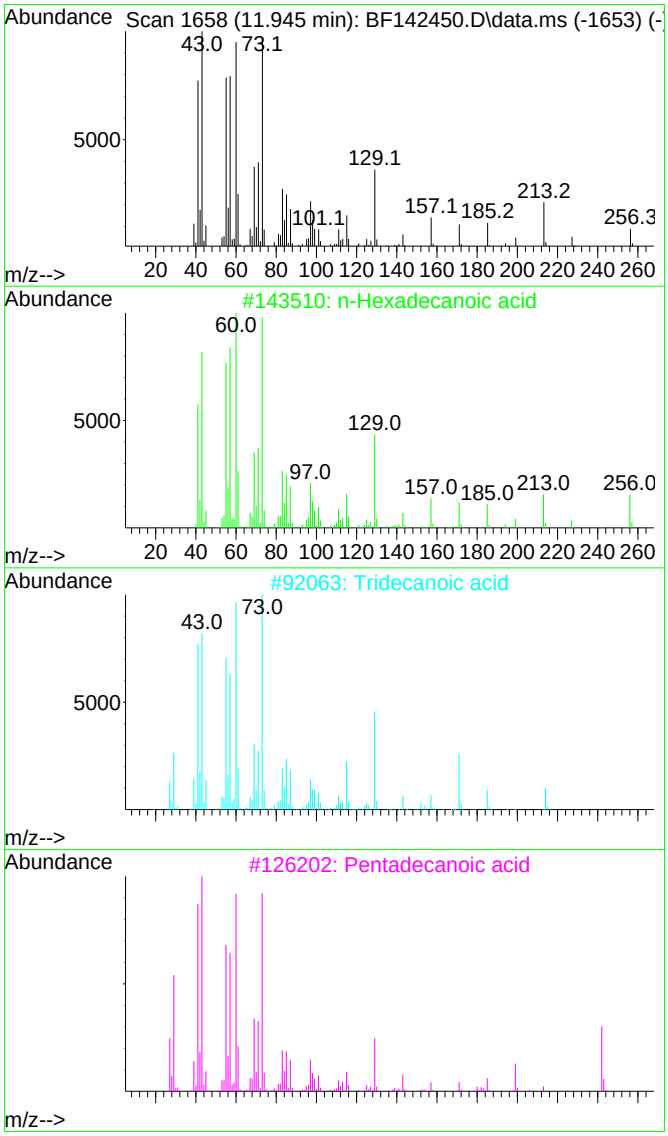
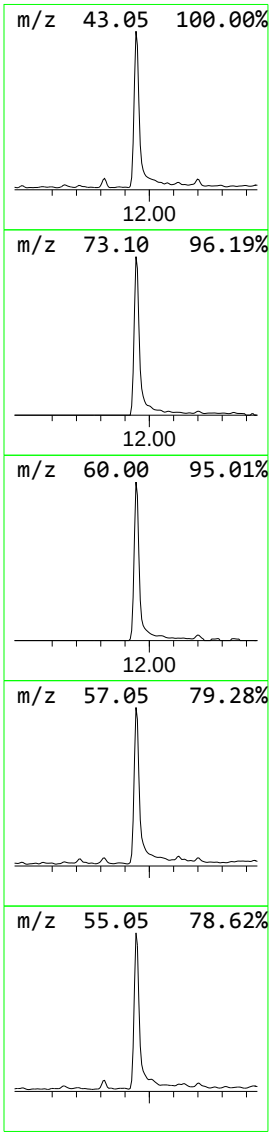
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	5.84 ng	305444	Phenanthrene-d10	11.427

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	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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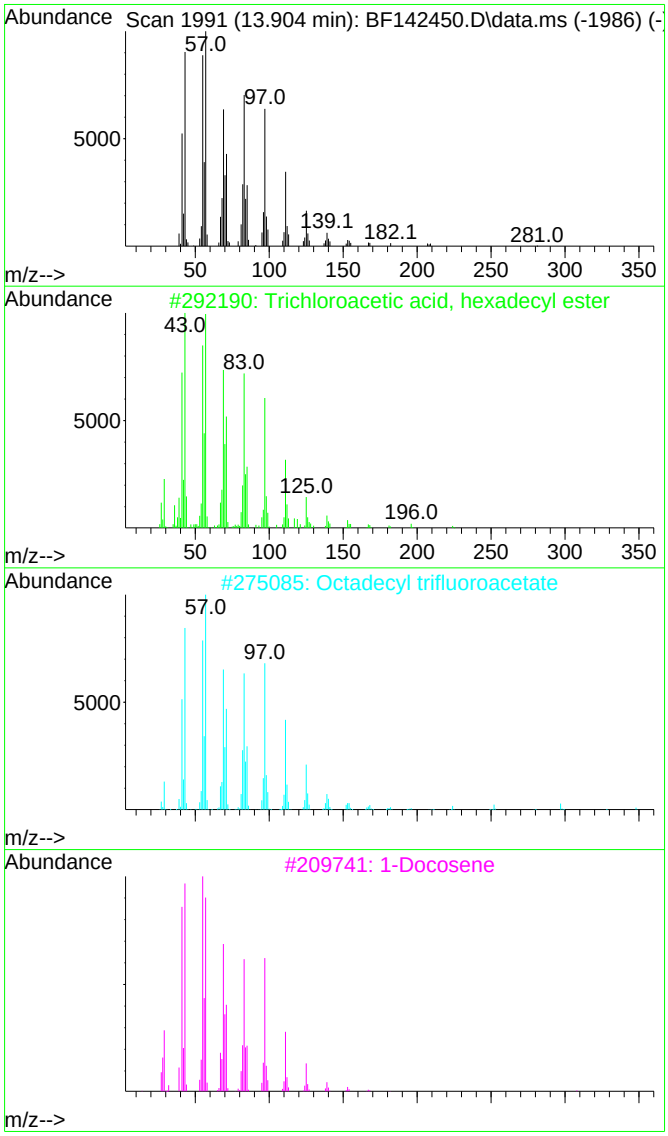
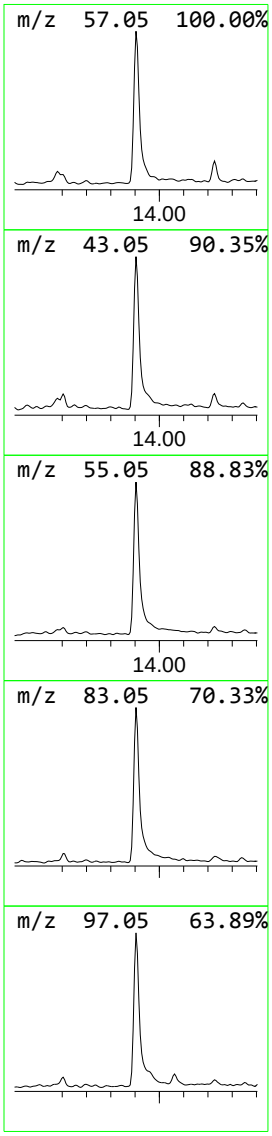
****
Peak Number 6 Trichloroacetic acid, hexad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	5.81 ng	246567	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
3	1-Docosene	308	C22H44	001599-67-3	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5	1-Heptacosanol	396	C27H56O	002004-39-9	93





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
unknown3.422	3.422	4.1	ng	147062	1	6.898	719014	20.0
2-Pentanone, 4-...	5.116	6.3	ng	225236	1	6.898	719014	20.0
1-Phenoxypropan...	8.492	3.1	ng	137010	2	8.181	872363	20.0
unknown10.028	10.028	3.4	ng	167381	3	9.939	996631	20.0
n-Hexadecanoic ...	11.945	5.8	ng	305444	4	11.427	1045160	20.0
Trichloroacetic...	13.904	5.8	ng	246567	5	14.063	848136	20.0