LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082015\
Data File : BF081141.D
Acq On : 20 Aug 2015 23:48
Operator : UM/IZ
Sample : G3253-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S32-9018

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-BF081715.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	3.933	177	179	186	rVB	63444	111879	3.41%	0.423%
2	4.710	242	247	262	rBV	1341528	2719988	82.89%	10.274%
3	5.156	283	286	288	rBV	2132318	2467854	75.20%	9.322%
4	5.567	320	322	326	rVB	99247	90295	2.75%	0.341%
5	6.230	376	380	382	rBV	2154753	2686928	81.88%	10.150%
6	6.345	387	390	392	rBV	2546724	2683146	81.76%	10.135%
7	6.573	408	410	412	rBV	669570	549295	16.74%	2.075%
8	6.733	421	424	426	rBV	2212276	2109432	64.28%	7.968%
9	7.145	457	460	463	rBV	1385110	1794367	54.68%	6.778%
10	7.865	520	523	525	rVB	572907	702289	21.40%	2.653%
11	8.950	614	618	620	rBV	2370746	3281597	100.00%	12.396%
12	9.339	650	652	655	rBV	572325	484664	14.77%	1.831%
13	9.602	673	675	678	rBV2	617794	752007	22.92%	2.841%
14	10.059	713	715	717	rVB	60038	47390	1.44%	0.179%
15	10.391	741	744	747	rVB	1447409	1530342	46.63%	5.781%
16	10.528	754	756	761	rBV	84595	92170	2.81%	0.348%
17	10.974	793	795	796	rBV	59448	46477	1.42%	0.176%
18	11.076	801	804	806	rBV	906662	786202	23.96%	2.970%
19	12.505	927	929	931	rBV	82384	70837	2.16%	0.268%
20	12.665	940	943	946	rBV	2146258	2256852	68.77%	8.525%
21	13.202	988	990	993	rBV2	41378	54900	1.67%	0.207%
22	13.580	1021	1023	1030	rBV	66260	126357	3.85%	0.477%
23	13.694	1030	1033	1035	rBV	680551	627649	19.13%	2.371%
24	15.031	1147	1150	1153	rBV	369773	400519	12.21%	1.513%

Sum of corrected areas: 26473436

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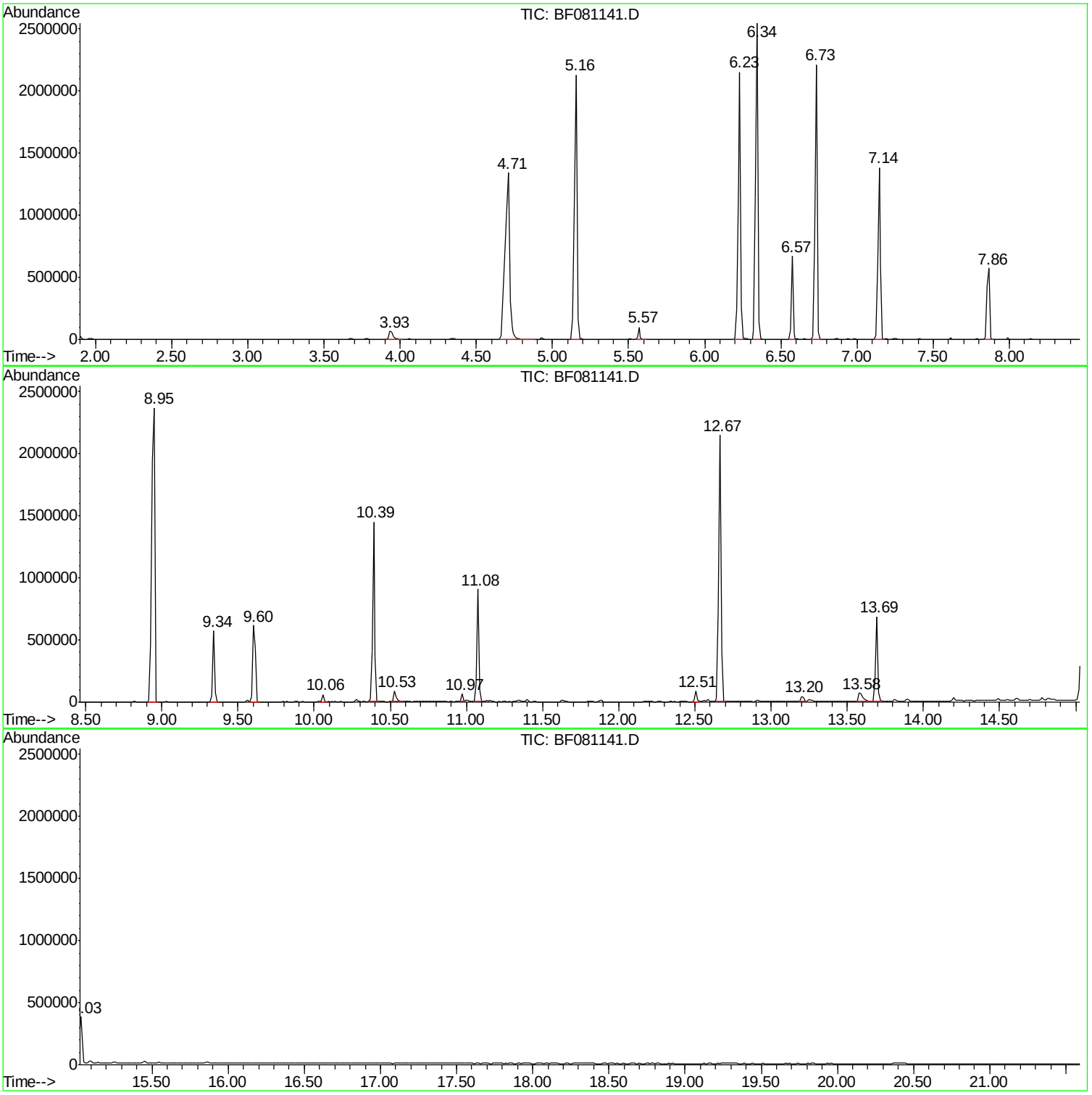
Instrument :
BNA_F
ClientSampleId :
S32-9018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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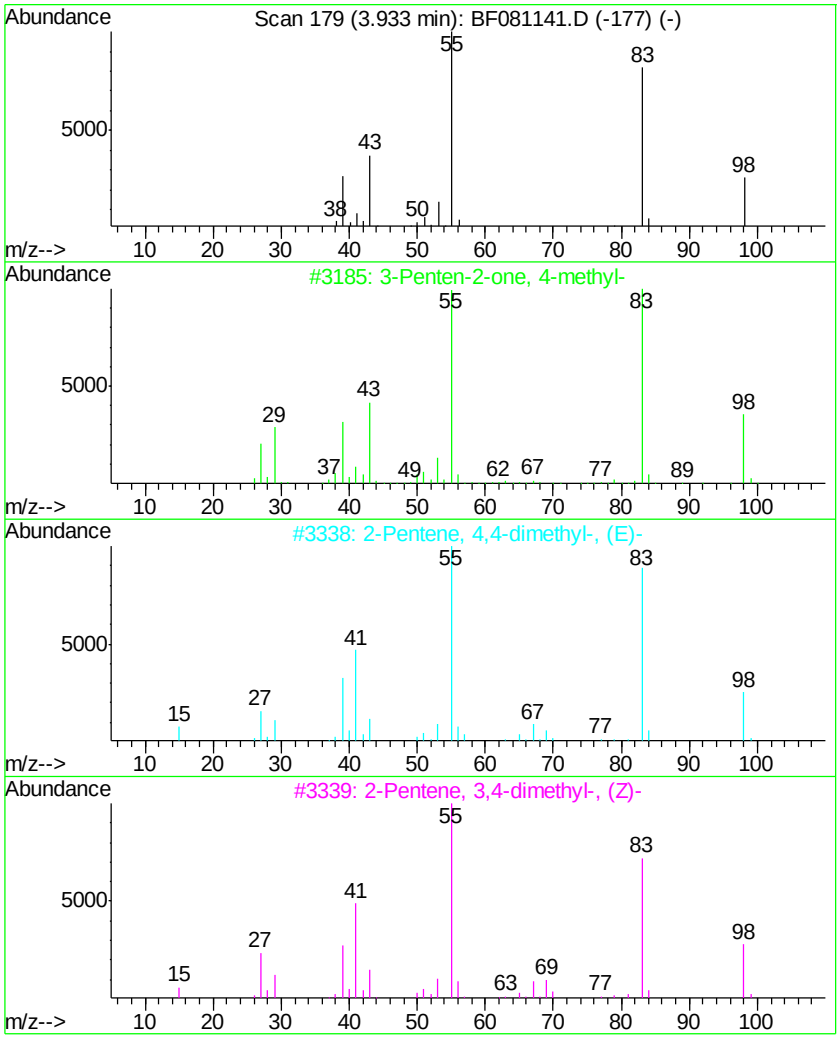
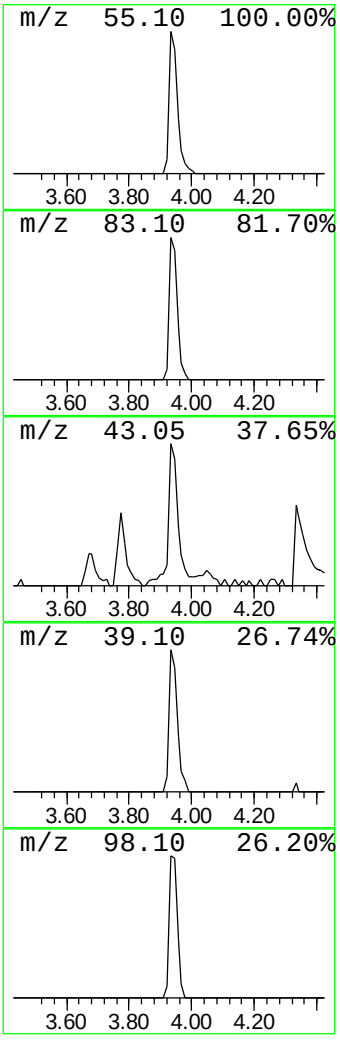
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.93	4.07 ng	111879	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	3,4-Dimethyl-2-pentene(c,t)	98	C7H14	1000118-16-5	86





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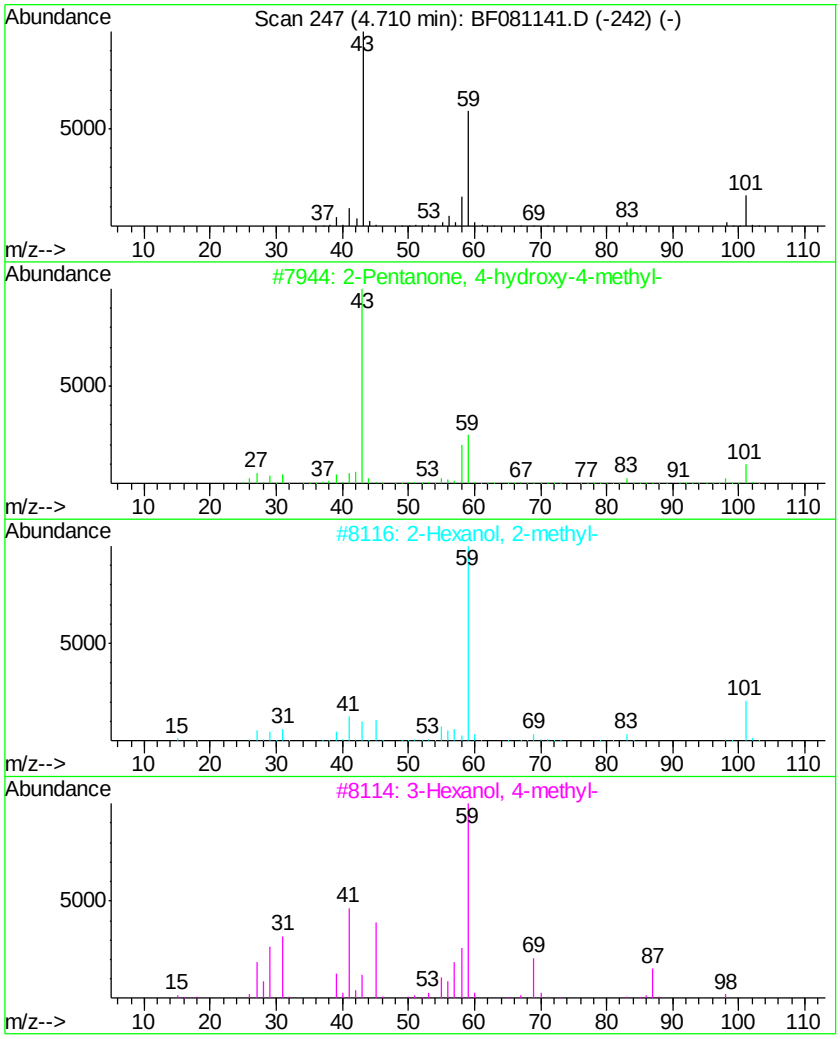
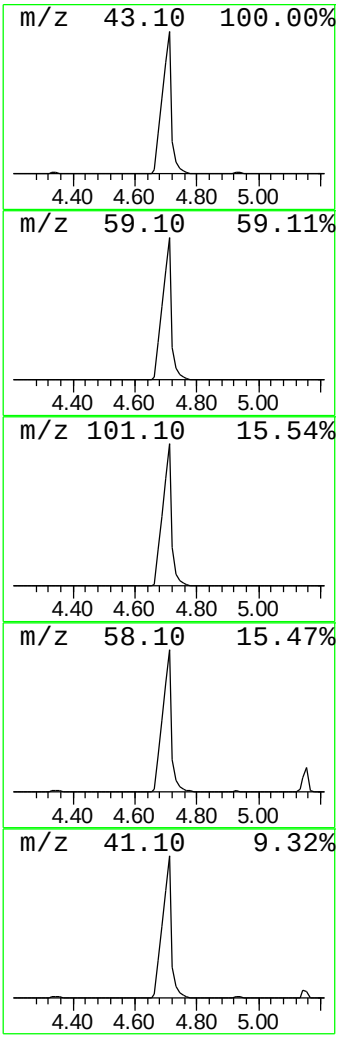
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	99.04 ng	2719990	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





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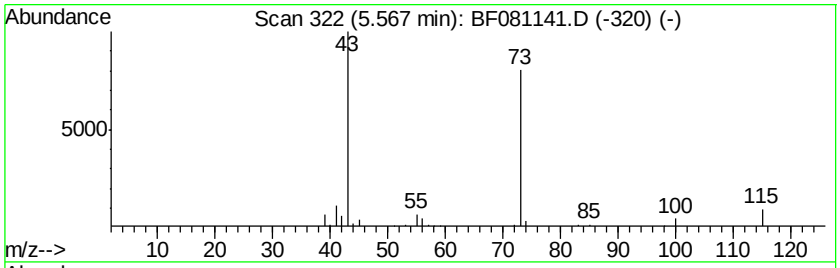
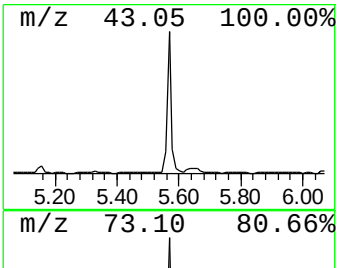
****

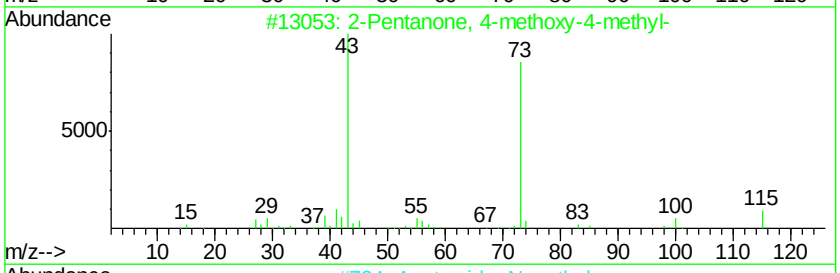
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 5

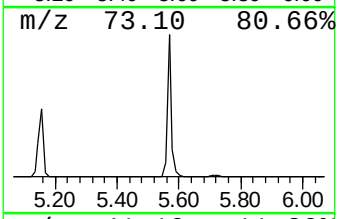
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.57	3.29 ng	90295	1,4-Dichlorobenzene-d4	6.57

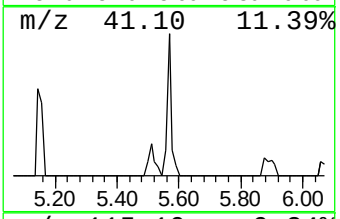
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	25
3	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	12
5	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	9

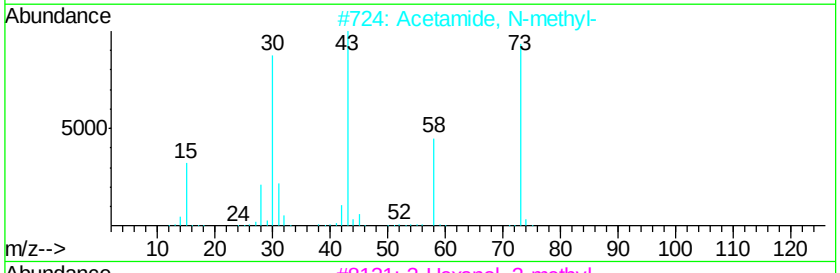


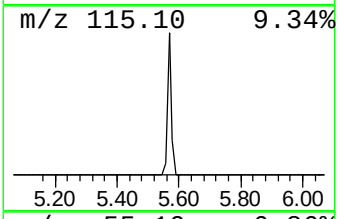


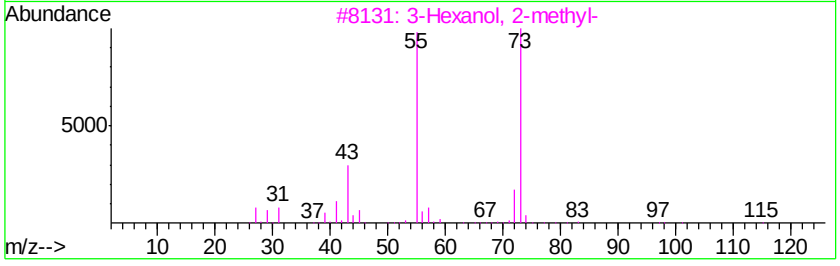


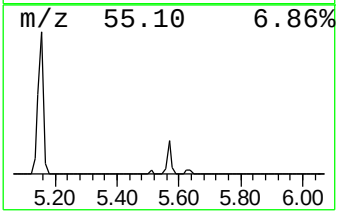












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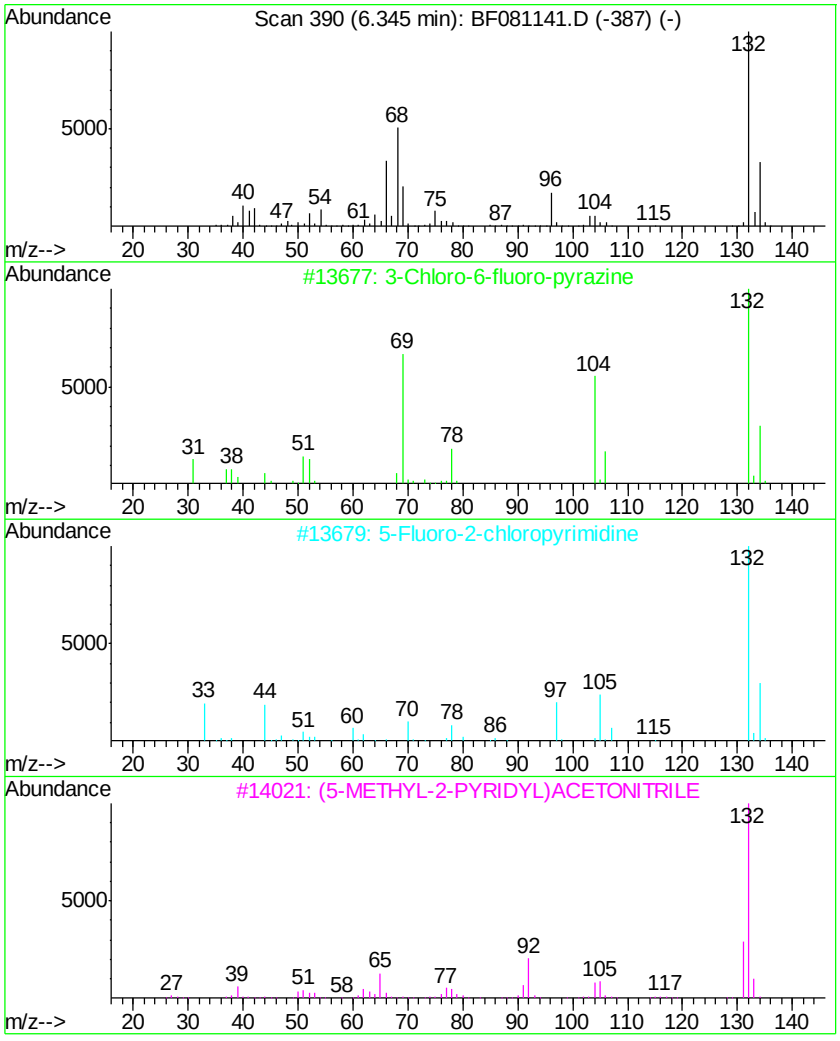
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

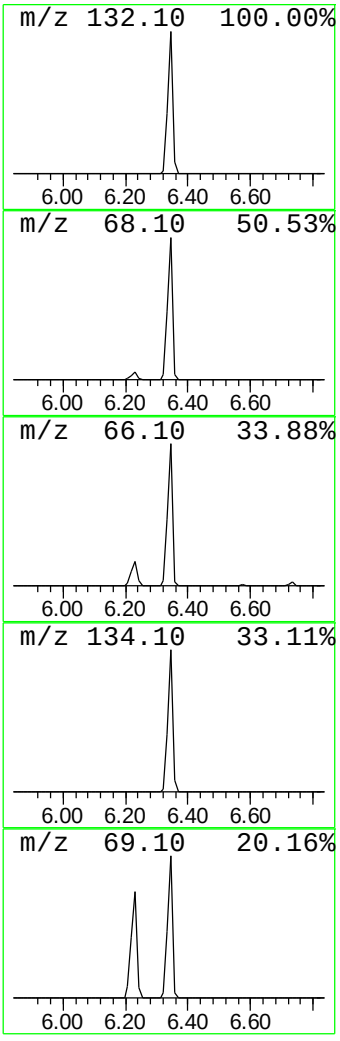
****

Peak Number 4 unknown6.34 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	97.69 ng	2683150	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10





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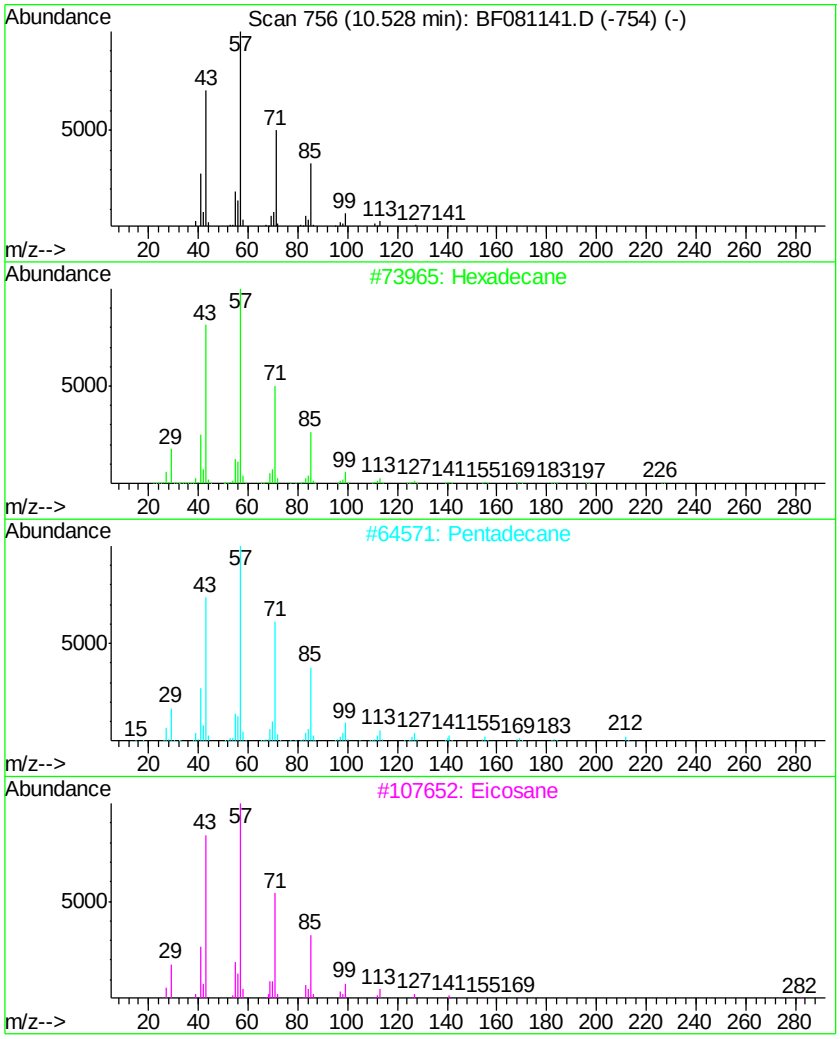
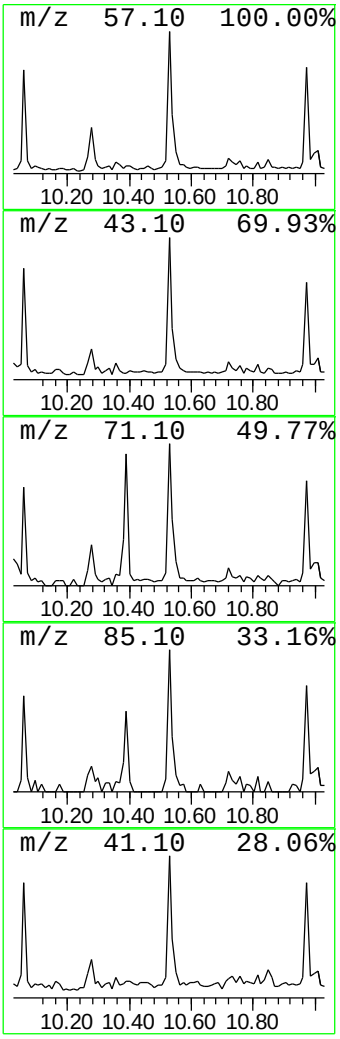
****

Peak Number 5 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	2.34 ng	92170	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Eicosane	282	C20H42	000112-95-8	87
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	83
5	Tetracosane	338	C24H50	000646-31-1	78





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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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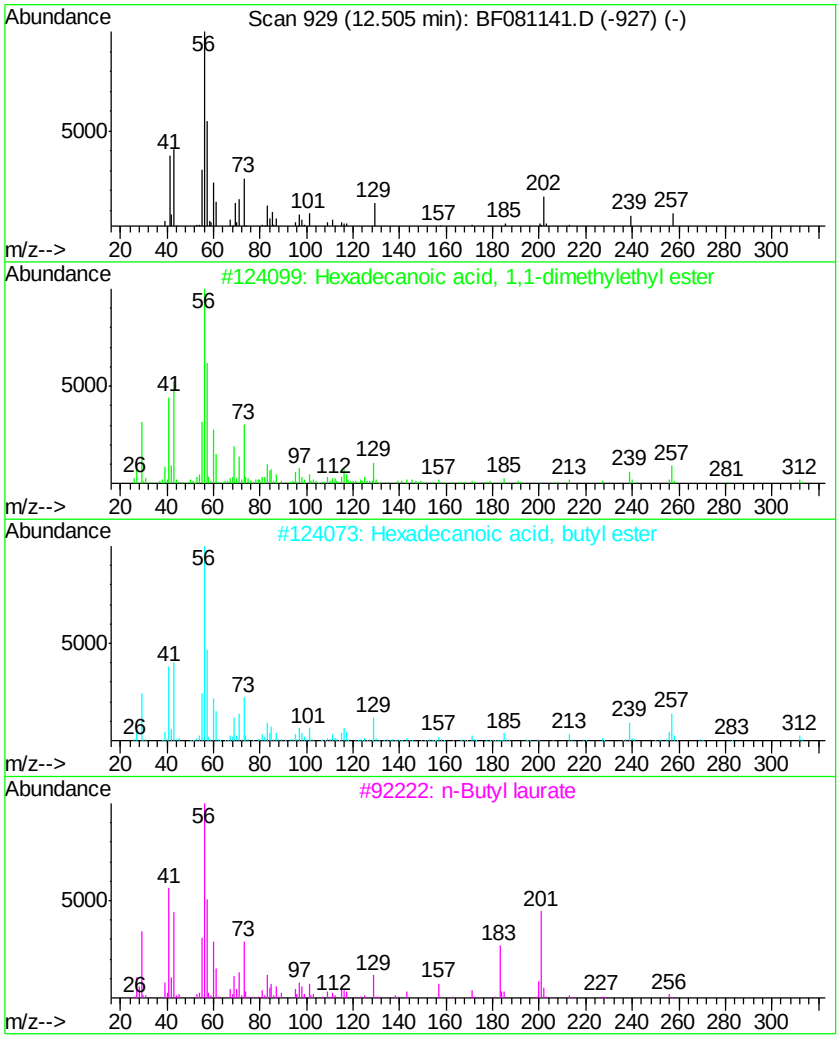
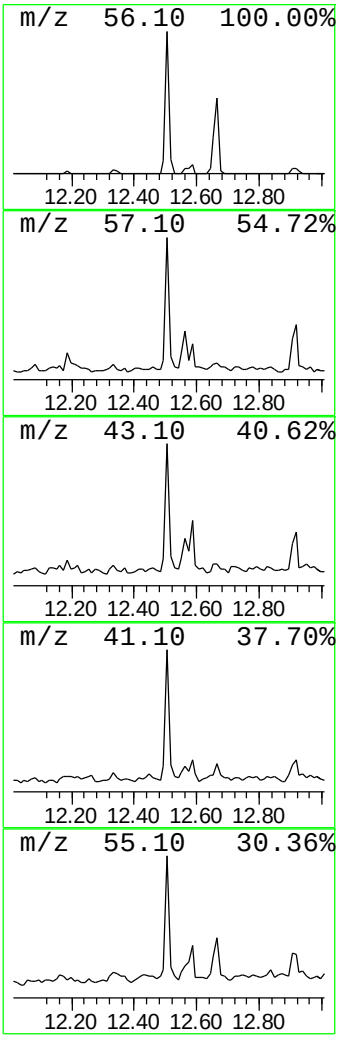
Peak Number 6 Hexadecanoic acid, 1,1-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	2.26 ng	70837	Chrysene-d12	13.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	86
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	80
3	n-Butyl laurate	256	C16H32O2	000106-18-3	72
4	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	40
5	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	38





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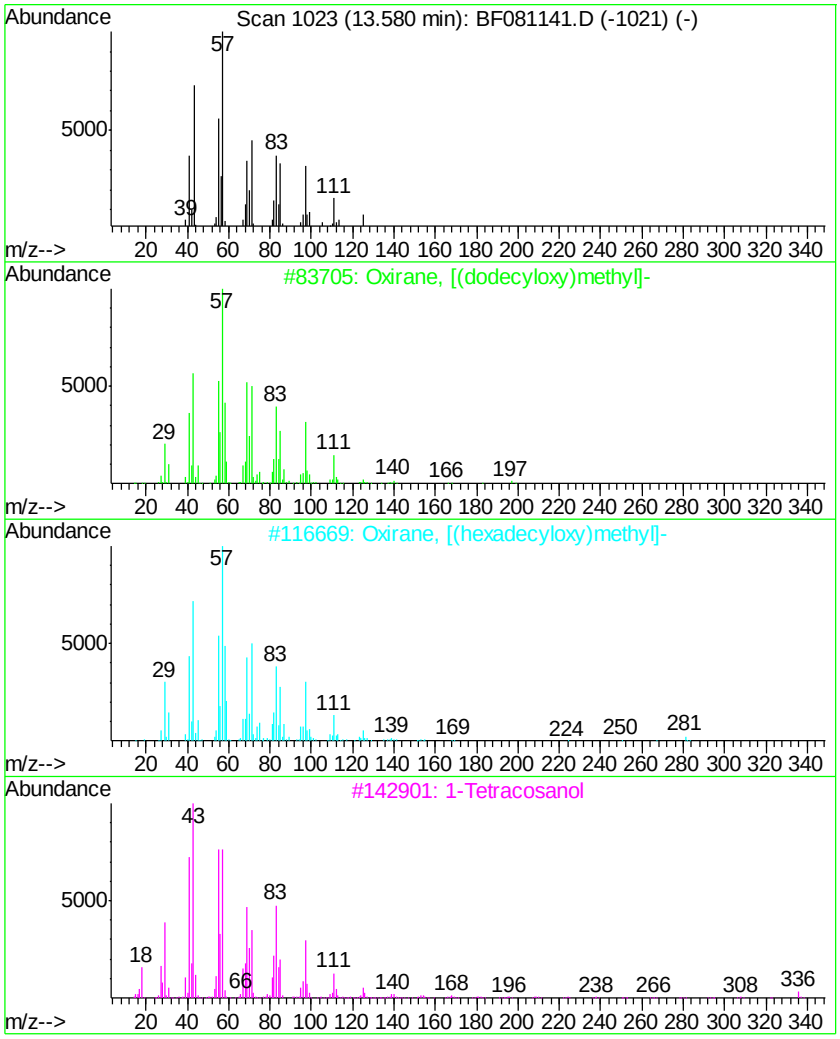
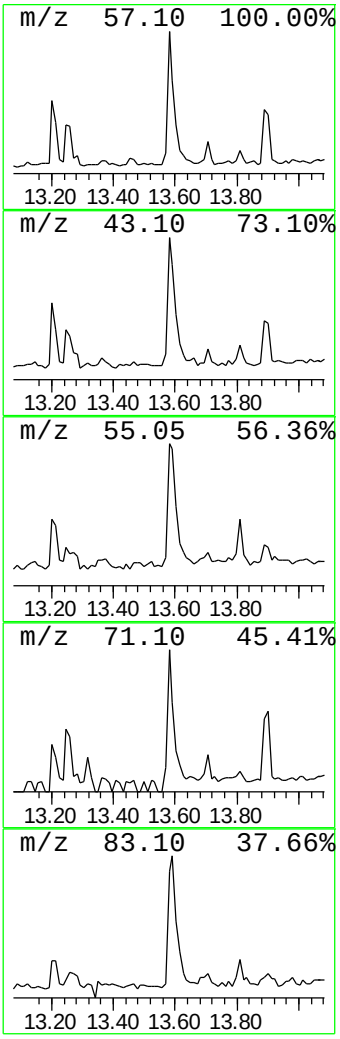
Peak Number 7 Oxirane, [(dodecyloxy)methyl]- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	4.03 ng	126357	Chrysene-d12	13.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	86
2	Oxirane, [(hexadecyloxy)methyl]-	298	C19H38O2	015965-99-8	80
3	1-Tetracosanol	354	C24H50O	000506-51-4	62
4	1-Hexacosanol	382	C26H54O	000506-52-5	52
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	50





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one, 4...	3.93	4.1	ng	111879	1	6.57	549295	20.0
2-Pentanone, 4-hy...	4.71	99.0	ng	2719990	1	6.57	549295	20.0
2-Pentanone, 4-me...	5.57	3.3	ng	90295	1	6.57	549295	20.0
unknown6.34	6.34	97.7	ng	2683150	1	6.57	549295	20.0
Hexadecane	10.53	2.3	ng	92170	4	11.08	786202	20.0
Hexadecanoic acid...	12.51	2.3	ng	70837	5	13.69	627649	20.0
Oxirane, [(dodecy...	13.58	4.0	ng	126357	5	13.69	627649	20.0