LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088317.D
Acq On : 24 Jun 2016 6:08
Operator : UM/SJ
Sample : H3683-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-COMP

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-BF060716.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	1.724	10	12	59	rVB	1216064	2932306	100.00%	14.970%
2	4.730	274	275	293	rBV	80237	181959	6.21%	0.929%
3	5.187	313	315	345	rBV	1086338	1794704	61.20%	9.163%
4	6.262	406	409	416	rBV	1262185	1678620	57.25%	8.570%
5	6.364	416	418	436	rVB	1575668	1868247	63.71%	9.538%
6	6.593	436	438	449	rVB	376288	419635	14.31%	2.142%
7	6.742	449	451	454	rBV	1024559	1403981	47.88%	7.168%
8	7.164	486	488	505	rBV	893559	1110866	37.88%	5.671%
9	7.885	549	551	563	rBV	399313	598565	20.41%	3.056%
10	8.959	642	645	647	rBV	2095263	2013221	68.66%	10.278%
11	9.359	678	680	691	rVB	341432	304394	10.38%	1.554%
12	9.622	701	703	706	rBV	614867	668682	22.80%	3.414%
13	10.068	740	742	744	rBV	76554	60945	2.08%	0.311%
14	10.411	770	772	775	rBV2	812579	1145510	39.07%	5.848%
15	10.536	781	783	790	rVB	53287	68352	2.33%	0.349%
16	11.108	831	833	835	rBV	466652	627795	21.41%	3.205%
17	11.359	853	855	858	rBV	15945	31340	1.07%	0.160%
18	12.514	954	956	958	rBV	72149	61821	2.11%	0.316%
19	12.685	968	971	973	rBV	1568551	1573556	53.66%	8.034%
20	13.211	1015	1017	1020	rBV	25744	34193	1.17%	0.175%
21	13.599	1047	1051	1060	rBV2	25211	57391	1.96%	0.293%
22	13.725	1060	1062	1065	rBV	521445	496599	16.94%	2.535%
23	15.085	1179	1181	1187	rBV	383996	454591	15.50%	2.321%

Sum of corrected areas: 19587273

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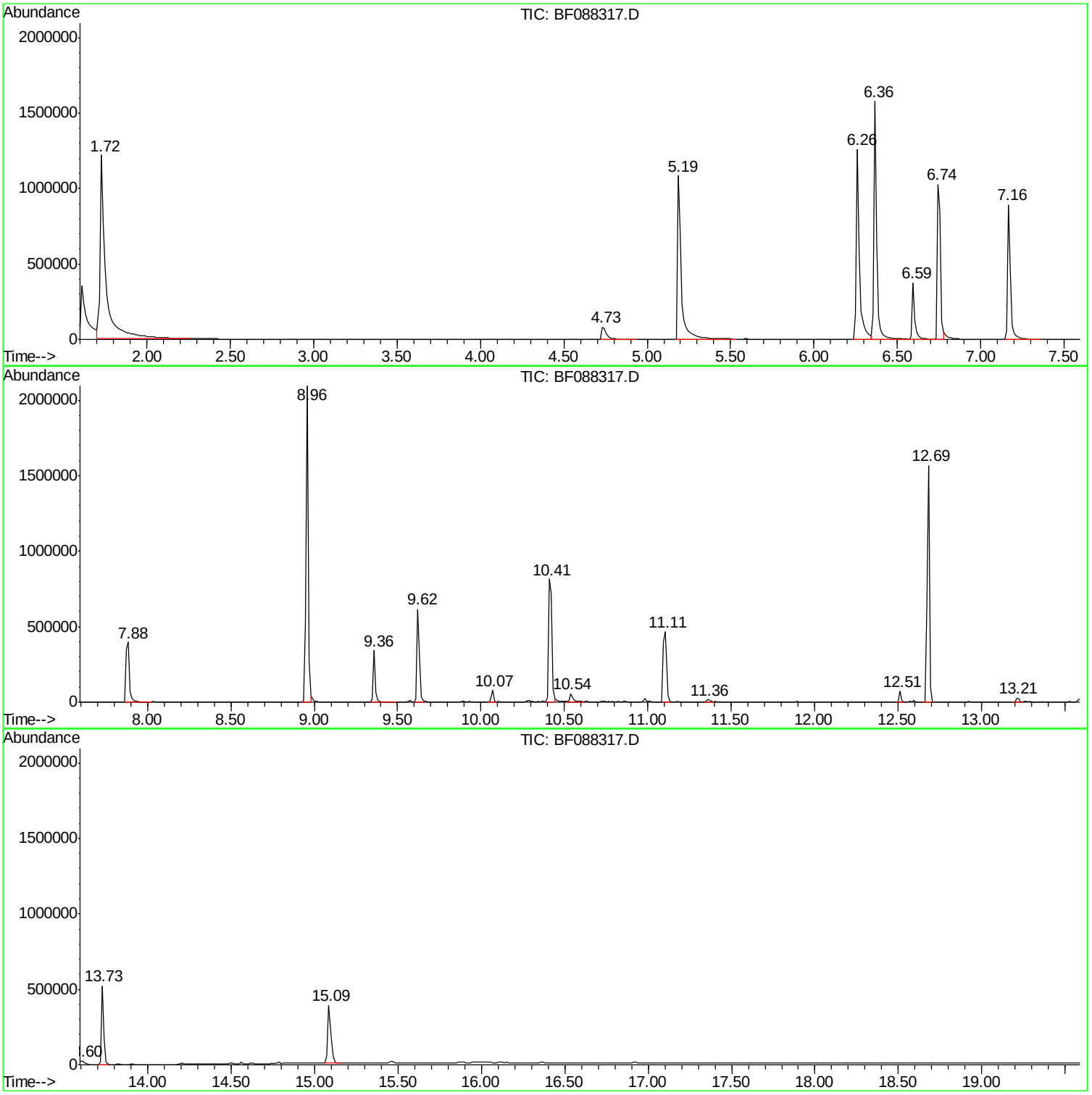
SB-03-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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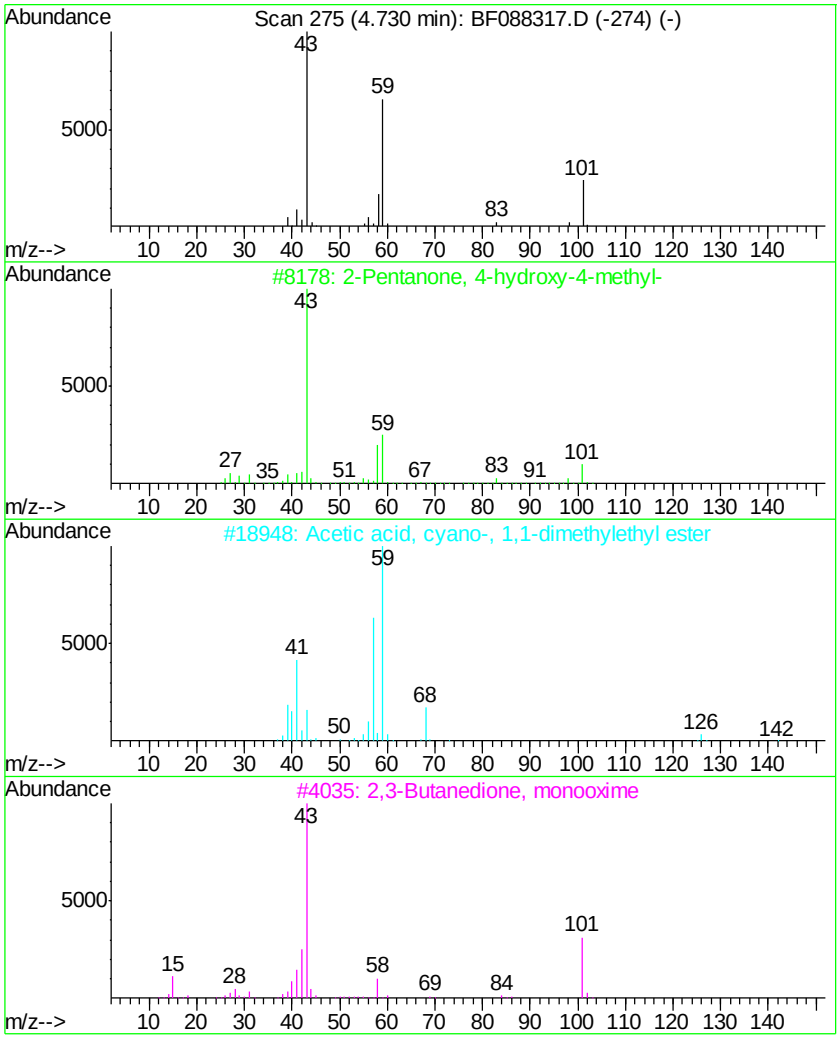
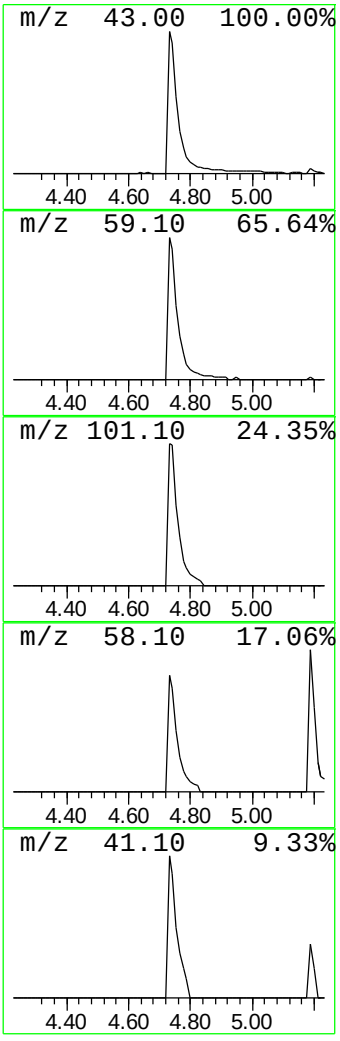
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	8.67 ng	181959	1,4-Dichlorobenzene-d4	6.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

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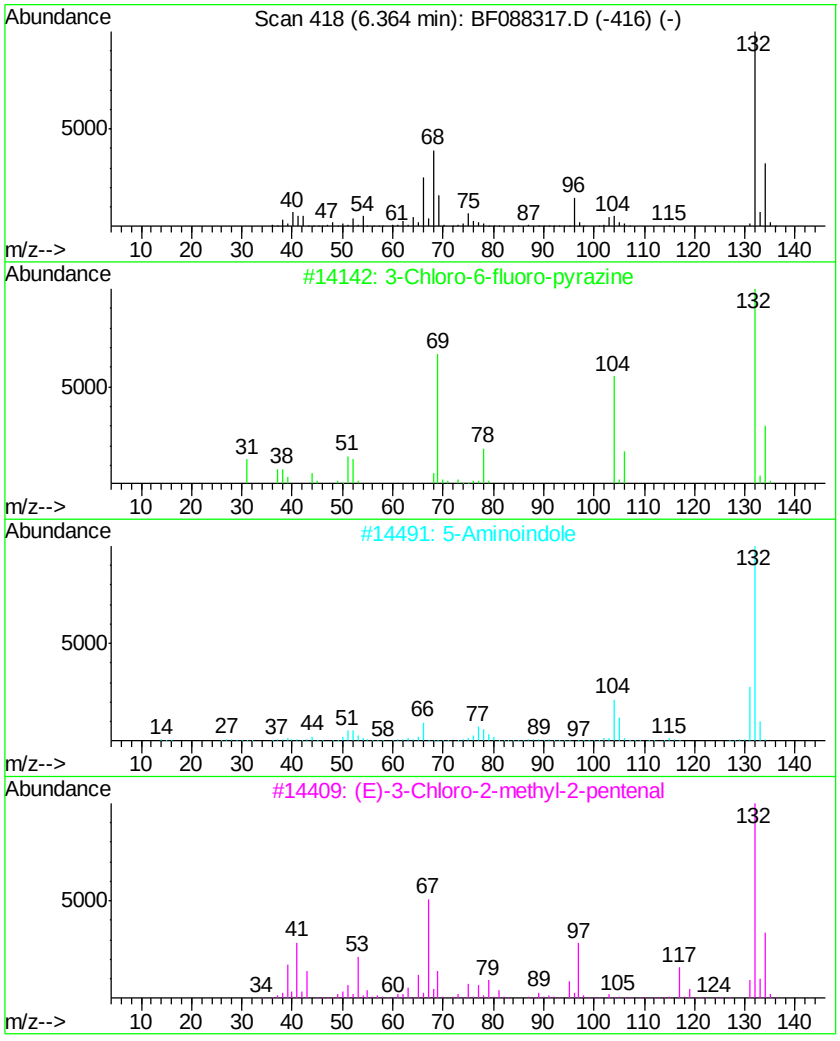
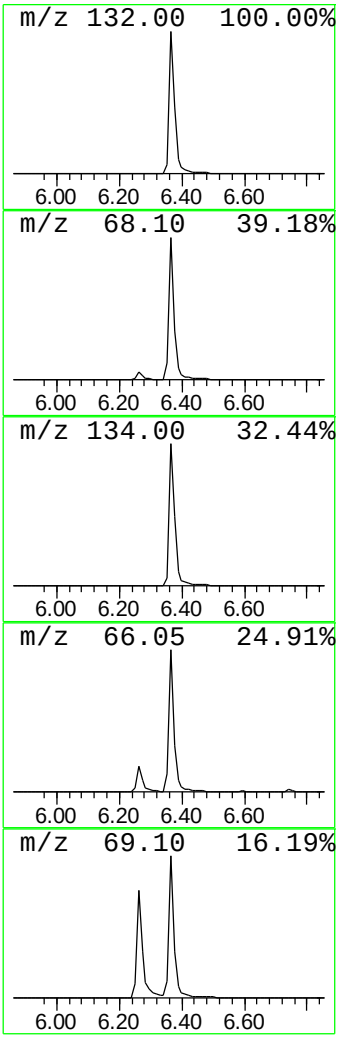
Peak Number 3 unknown6.36 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	89.04 ng	1868250	1,4-Dichlorobenzene-d4	6.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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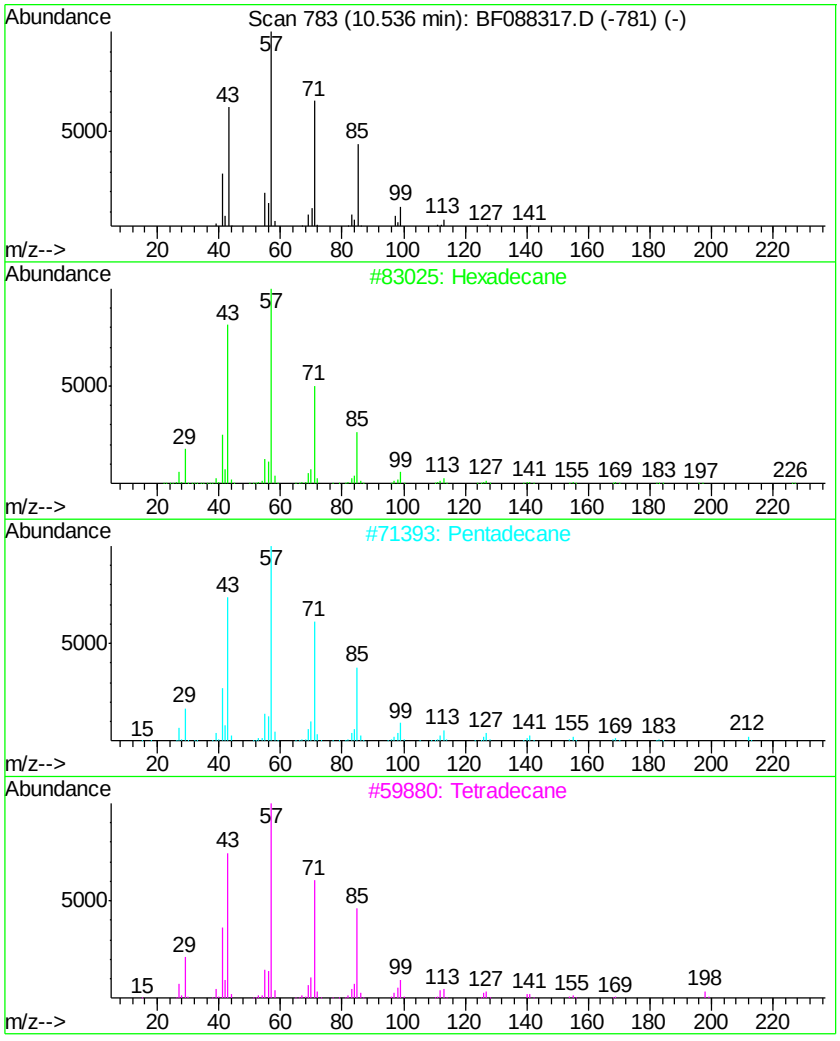
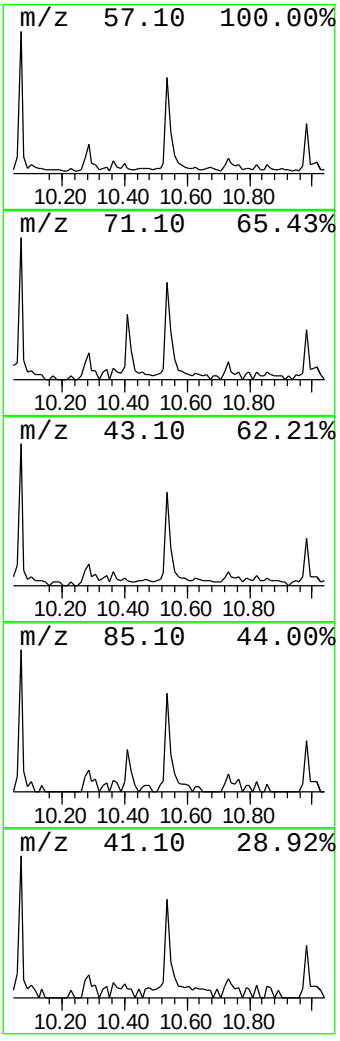
Peak Number 5 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	2.18 ng	68352	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Pentadecane	212	C15H32	000629-62-9	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Heptadecane	240	C17H36	000629-78-7	86
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





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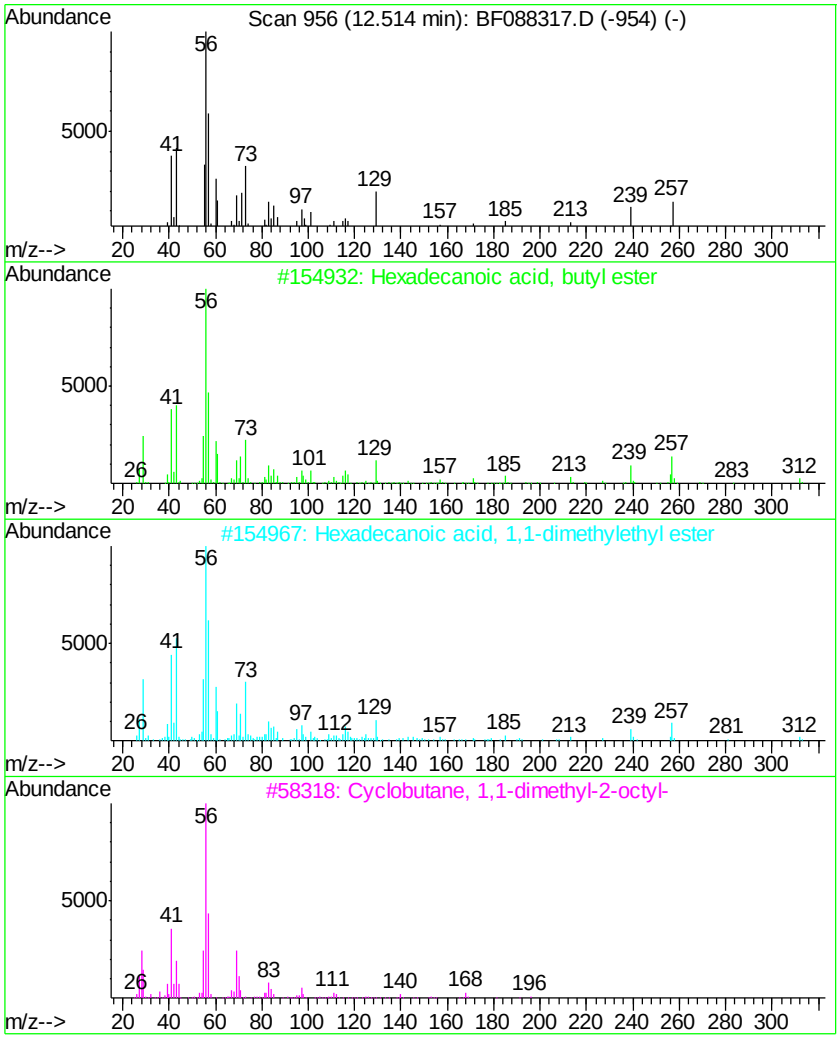
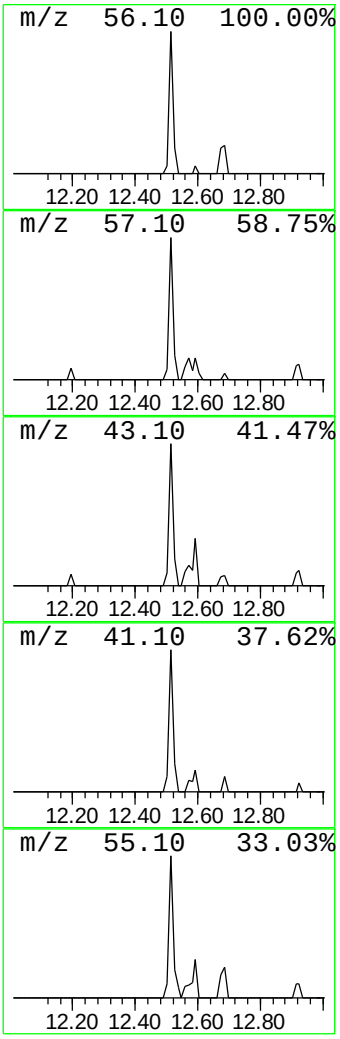
Peak Number 6 Hexadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	2.49 ng	61821	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	74
3	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35
4	Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	35
5	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	32





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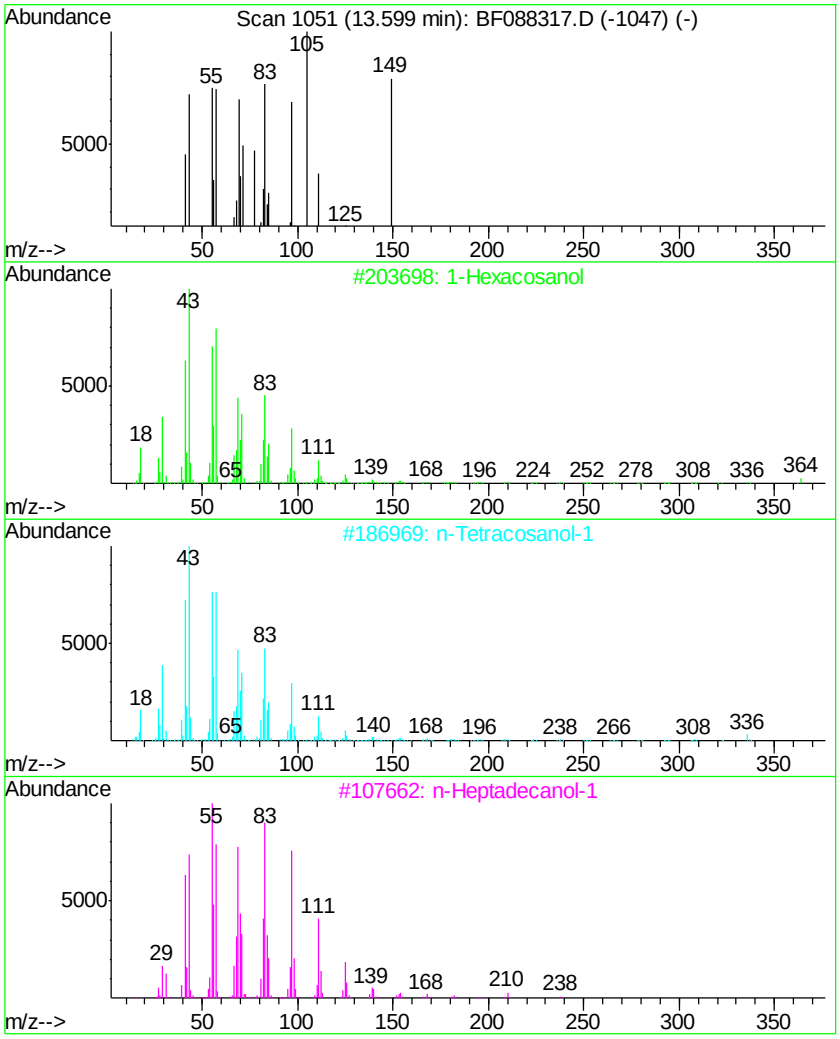
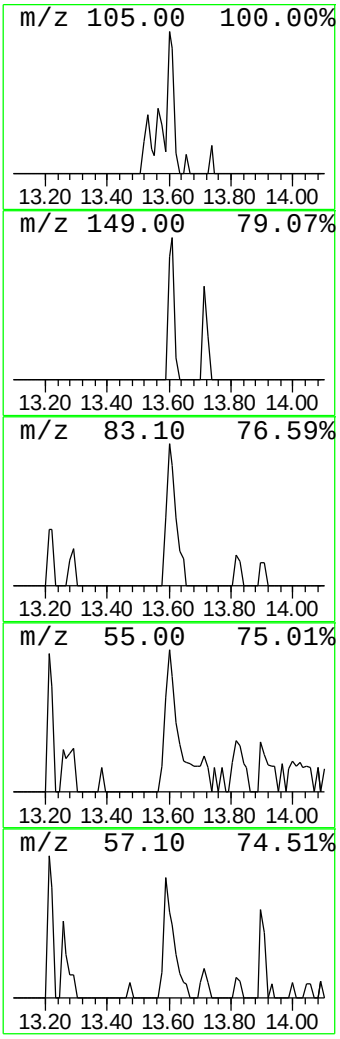
Peak Number 7 1-Hexacosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	2.31 ng	57391	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol	382	C26H54O	000506-52-5	60
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	60
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	55
4	17-Pentatriacontene	491	C35H70	006971-40-0	53
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	53





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.73	8.7	ng	181959	1	6.59	419635	20.0
unknown6.36	6.36	89.0	ng	1868250	1	6.59	419635	20.0
Hexadecane	10.54	2.2	ng	68352	4	11.11	627795	20.0
Hexadecanoic acid...	12.51	2.5	ng	61821	5	13.73	496599	20.0
1-Hexacosanol	13.60	2.3	ng	57391	5	13.73	496599	20.0