LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089372.D
Acq On : 28 Jul 2016 19:48
Operator : UM/SJ
Sample : H4239-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WCMH1-COMP(1-5)

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-BF072716.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	1.667	6	7	16	rVV	677429	1137875	97.02%	9.542%
2	1.793	16	18	26	rVB	387744	521430	44.46%	4.373%
3	1.907	26	28	43	rVB	564683	893666	76.19%	7.494%
4	2.101	43	45	51	rVB	12092	23335	1.99%	0.196%
5	2.193	51	53	64	rVB2	13418	35336	3.01%	0.296%
6	2.376	67	69	76	rVB	5908	12274	1.05%	0.103%
7	4.604	261	264	276	rBV	151660	244997	20.89%	2.055%
8	5.084	303	306	320	rBV	605581	802650	68.43%	6.731%
9	6.170	399	401	409	rBV	484321	860934	73.40%	7.220%
10	6.285	409	411	430	rVV	839949	982105	83.74%	8.236%
11	6.525	430	432	443	rVV	168102	238931	20.37%	2.004%
12	6.673	443	445	463	rVB	665616	728995	62.15%	6.113%
13	7.096	479	482	500	rBV	447444	562434	47.95%	4.717%
14	7.805	542	544	557	rBV	212940	340022	28.99%	2.851%
15	8.890	636	639	656	rBV	1153711	1172867	100.00%	9.836%
16	9.291	672	674	686	rBB	180615	161283	13.75%	1.353%
17	9.553	695	697	708	rBB	443169	413989	35.30%	3.472%
18	10.342	764	766	776	rBV	480989	627085	53.47%	5.259%
19	10.479	776	778	782	rVB	14346	18217	1.55%	0.153%
20	10.925	815	817	818	rBV	11695	11954	1.02%	0.100%
21	11.028	824	826	843	rBV	363313	412067	35.13%	3.456%
22	12.228	930	931	934	rBV	13323	15012	1.28%	0.126%
23	12.457	949	951	954	rBV	14075	16599	1.42%	0.139%
24	12.605	962	964	967	rBV	897307	1001714	85.41%	8.400%
25	13.520	1042	1044	1052	rBB	23198	40630	3.46%	0.341%
26	13.645	1053	1055	1062	rBV	320928	352465	30.05%	2.956%
27	14.411	1120	1122	1126	rBV2	21032	24015	2.05%	0.201%
28	14.640	1140	1142	1147	rBV2	6894	11883	1.01%	0.100%
29	14.983	1170	1172	1179	rVB	177157	259738	22.15%	2.178%

Sum of corrected areas: 11924502

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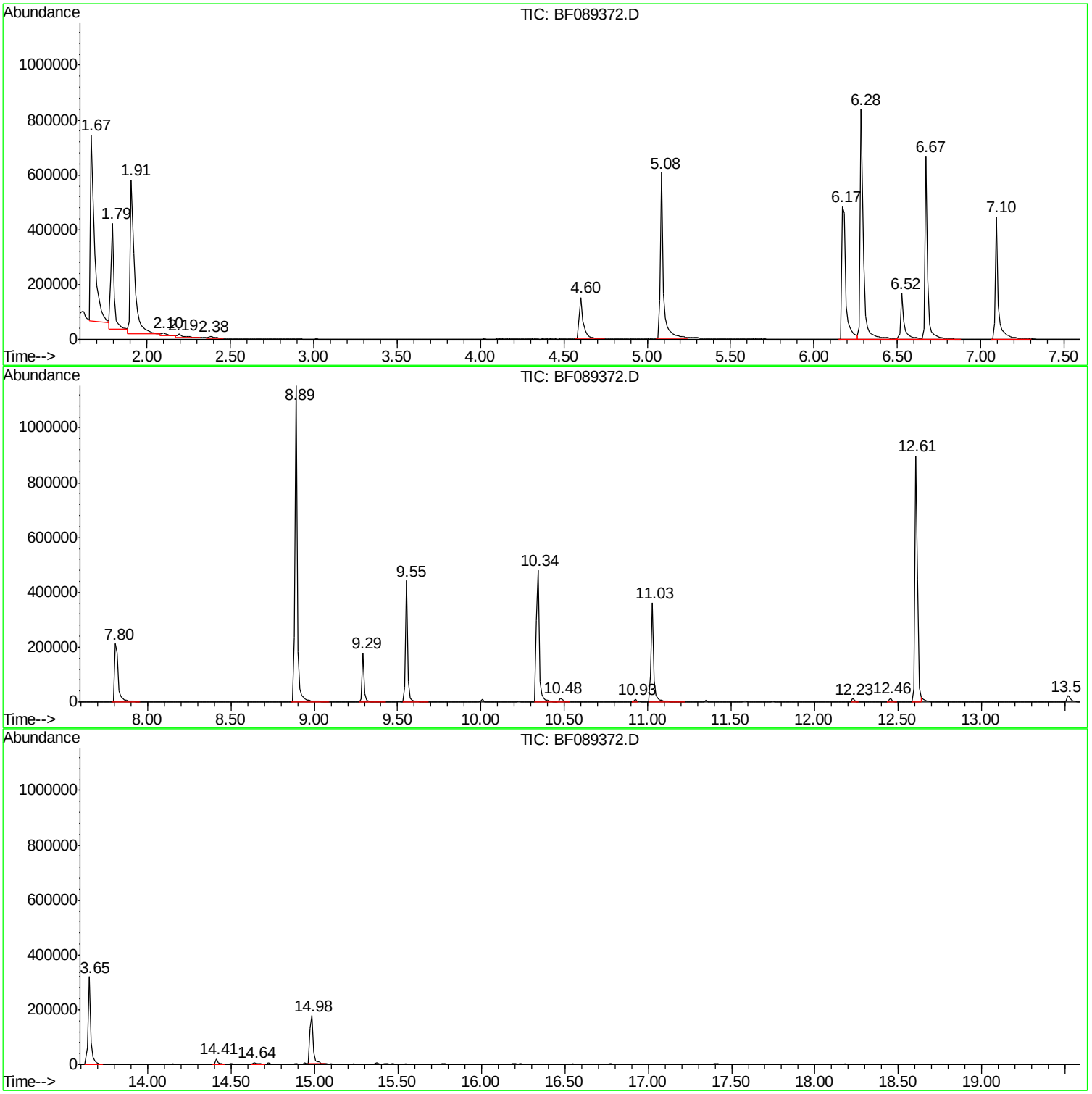
WCMH1-COMP(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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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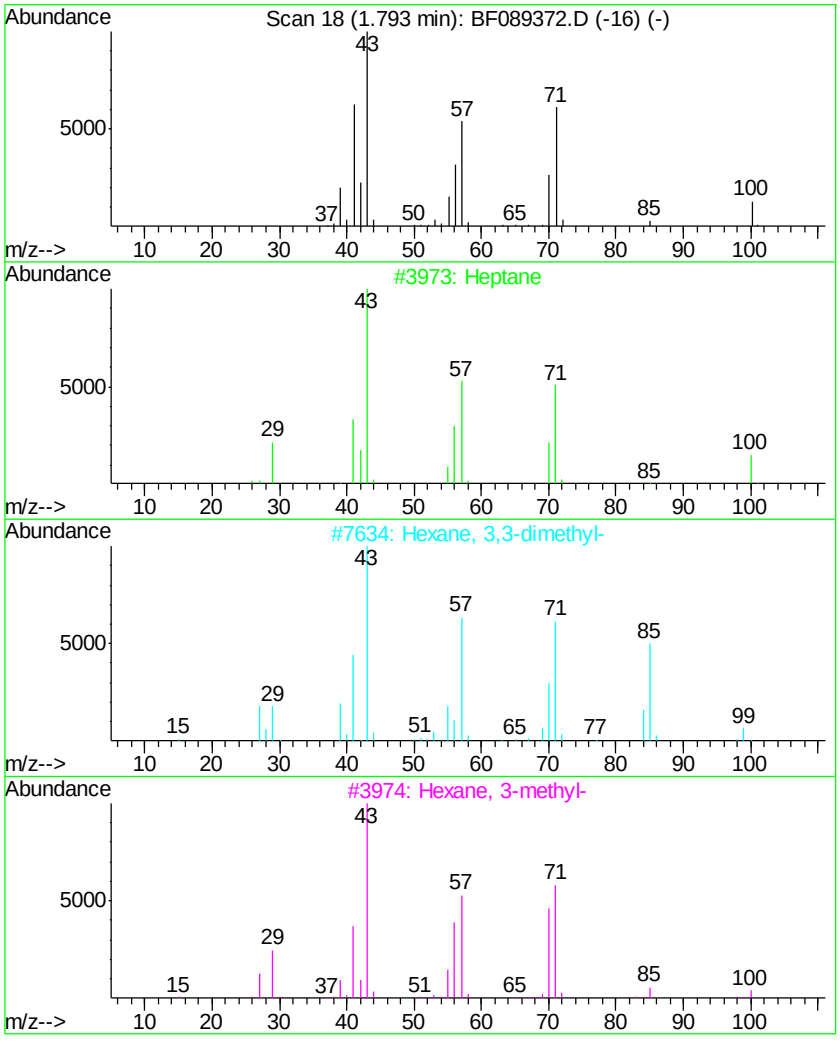
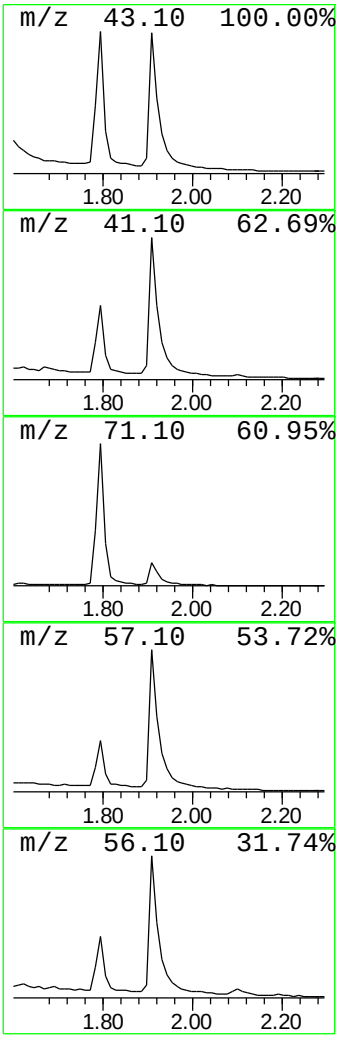
Peak Number 2 Heptane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.79	43.65 ng	521430	1,4-Dichlorobenzene-d4	6.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	43
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	40
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	38





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Instrument : BNA_F
ClientSampleId : WCMH1-COMP(1-5)

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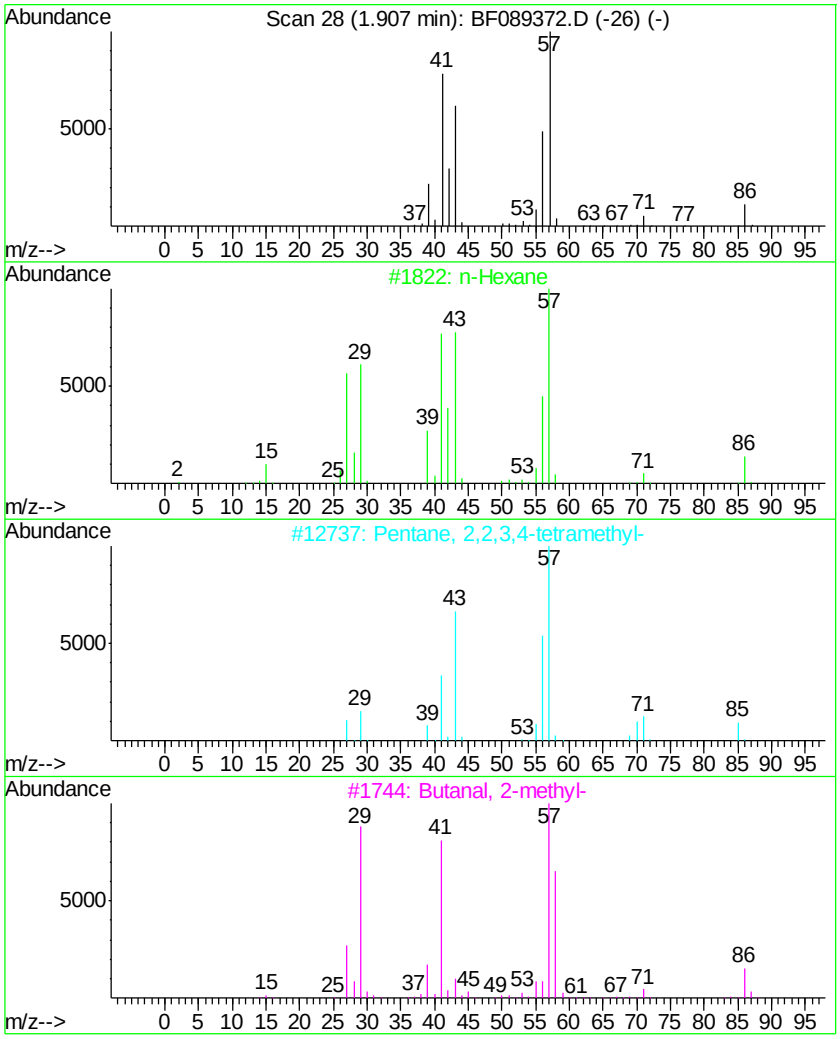
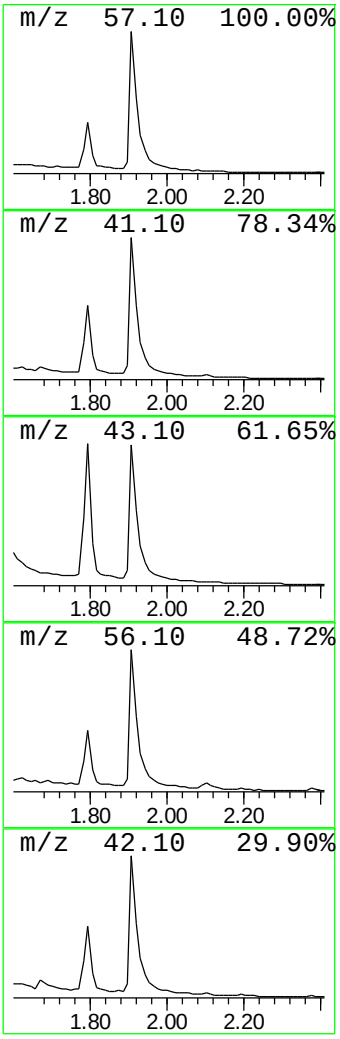
Peak Number 3 n-Hexane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.91	74.81 ng	893666	1,4-Dichlorobenzene-d4	6.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	40
3	Butanal, 2-methyl-	86	C5H10O	000096-17-3	38
4	Methane, isocyanato-	57	C2H3NO	000624-83-9	32
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	28





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Operator : UM/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : WCMH1-COMP(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
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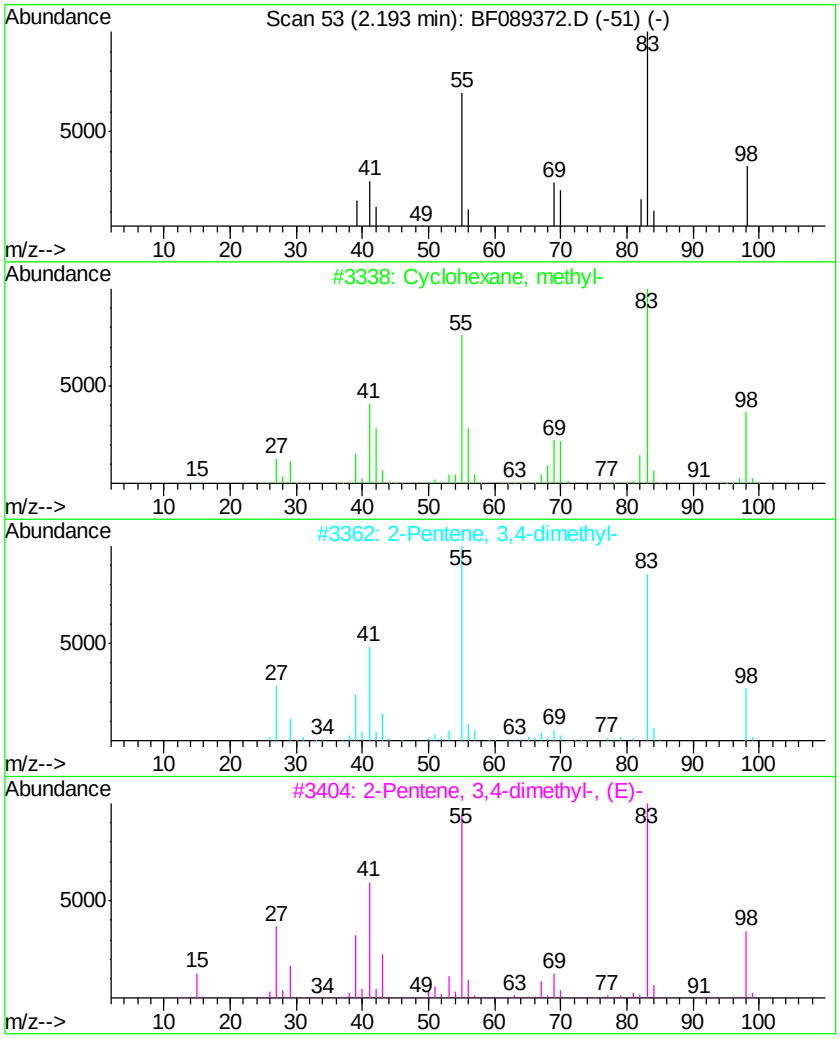
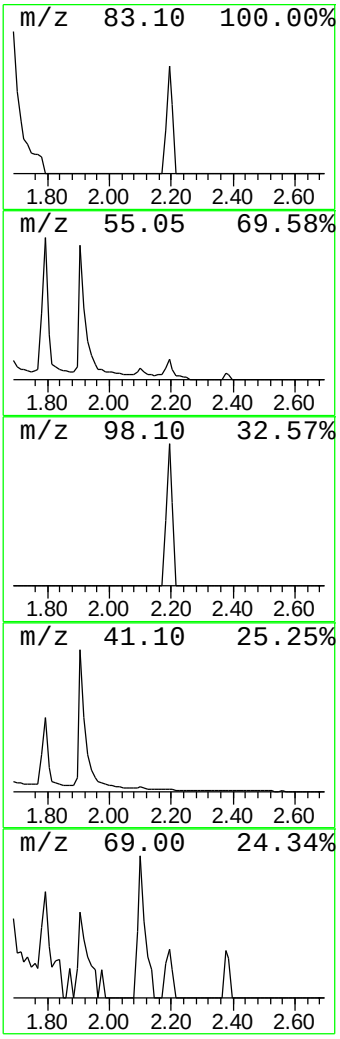
Peak Number 4 Cyclohexane, methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	2.96 ng	35336	1,4-Dichlorobenzene-d4	6.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	86
2	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	72
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	72
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	72
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	72





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ClientSampleId : WCMH1-COMP(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
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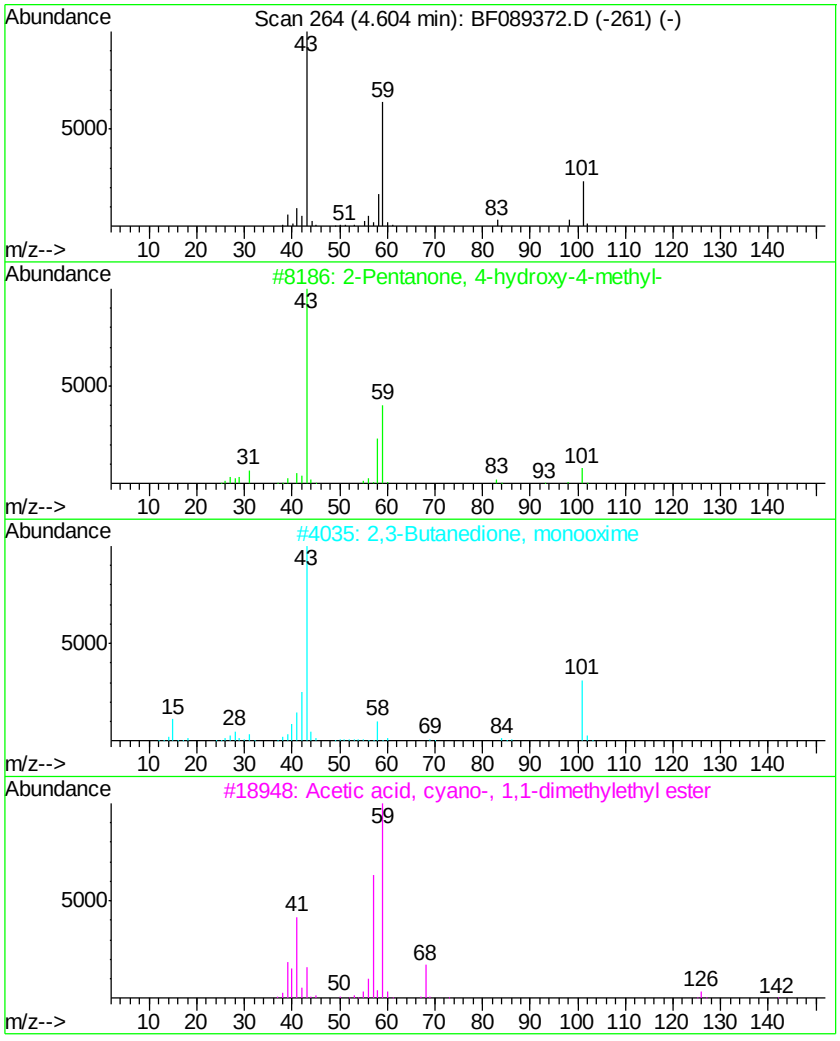
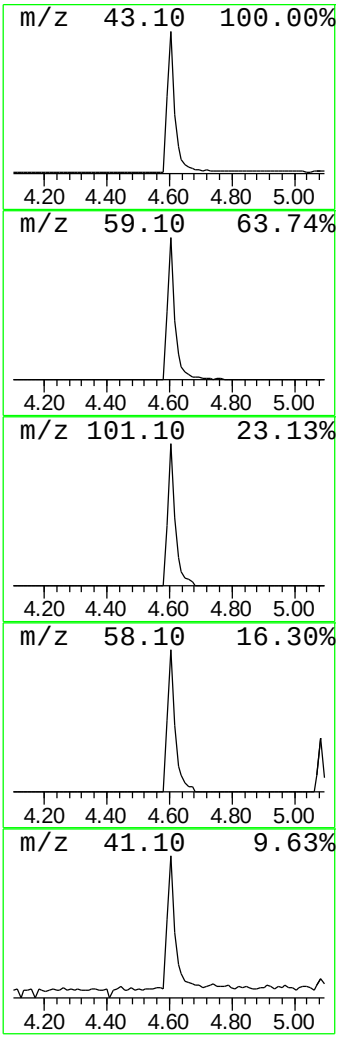
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	20.51 ng	244997	1,4-Dichlorobenzene-d4	6.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Acetone	58	C3H6O	000067-64-1	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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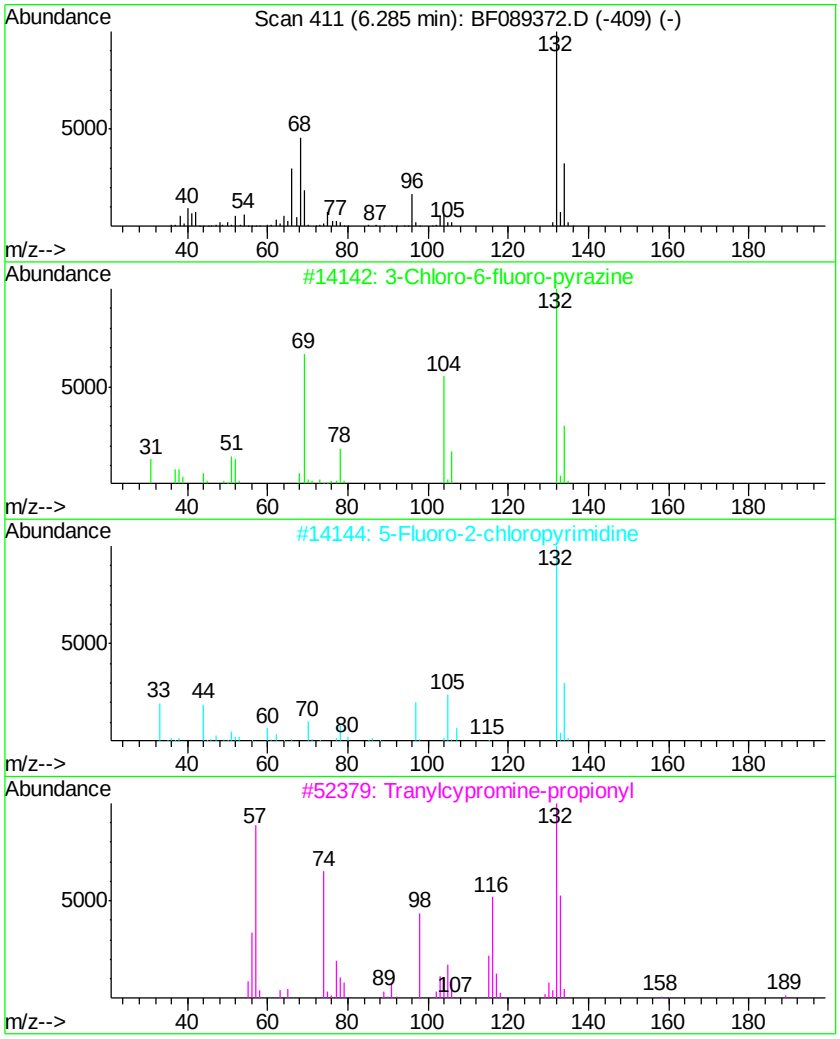
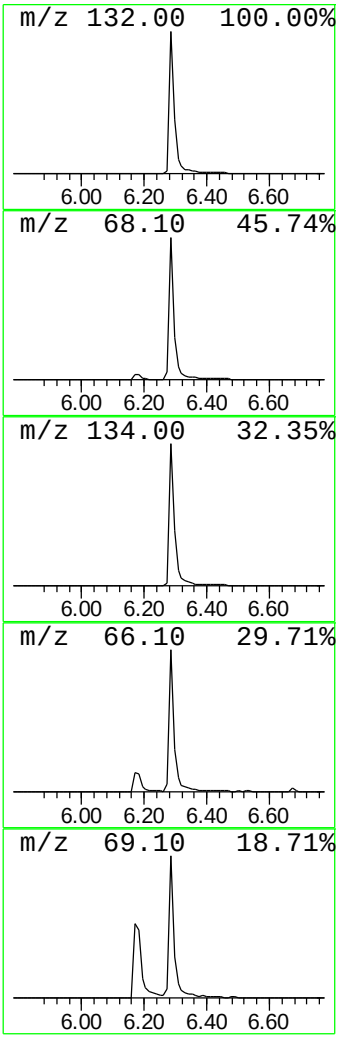
Peak Number 6 unknown6.28 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.28	82.21 ng	982105	1,4-Dichlorobenzene-d4	6.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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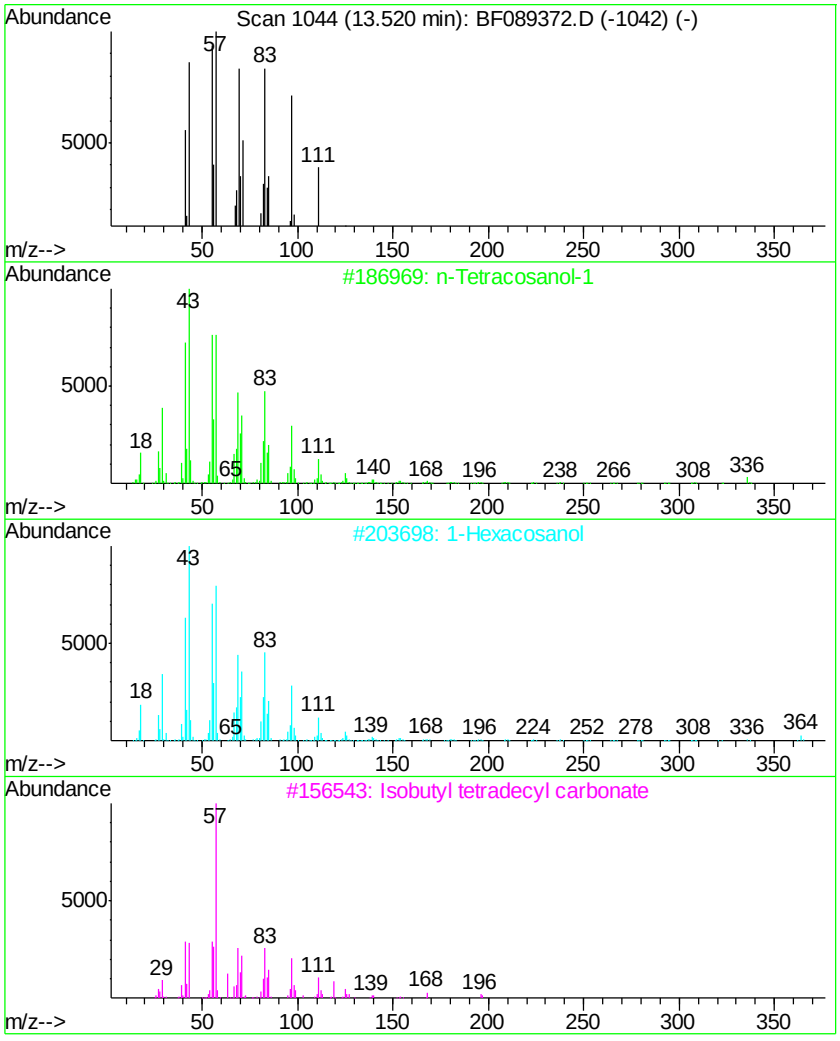
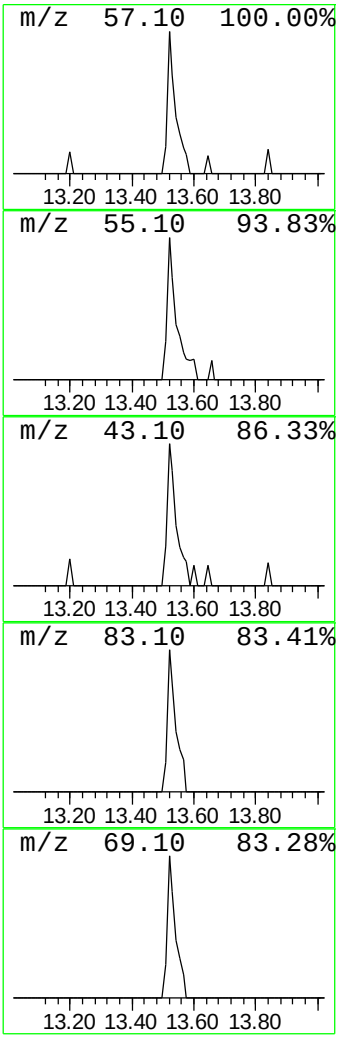
Peak Number 8 n-Tetracosanol-1 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	2.31 ng	40630	Chrysene-d12	13.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
2	1-Hexacosanol	382	C26H54O	000506-52-5	87
3	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	58
4	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	50
5	Cyclotetradecane	196	C14H28	000295-17-0	43





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Heptane	1.79	43.6	ng	521430	1	6.52	238931	20.0
n-Hexane	1.91	74.8	ng	893666	1	6.52	238931	20.0
Cyclohexane, methyl-	2.19	3.0	ng	35336	1	6.52	238931	20.0
2-Pentanone, 4-hy...	4.60	20.5	ng	244997	1	6.52	238931	20.0
unknown6.28	6.28	82.2	ng	982105	1	6.52	238931	20.0
n-Tetracosanol-1	13.52	2.3	ng	40630	5	13.65	352465	20.0