LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087329.D
Acq On : 24 May 2016 7:52
Operator : UM/SJ
Sample : H3168-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20-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-BF052316.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	1.690	6	9	20	rVV	2193475	5158218	100.00%	12.359%
2	1.838	20	22	28	rVB	94151	198594	3.85%	0.476%
3	1.918	28	29	44	rVB	81941	220795	4.28%	0.529%
4	4.890	288	289	311	rBV	152426	487484	9.45%	1.168%
5	5.530	343	345	372	rBV	2343282	3575871	69.32%	8.568%
6	7.153	484	487	494	rBV	2555730	3659400	70.94%	8.768%
7	7.268	494	497	506	rVB	2769839	3772130	73.13%	9.038%
8	7.610	525	527	540	rVB	774696	1050730	20.37%	2.518%
9	7.850	545	548	557	rBV	1712406	2673585	51.83%	6.406%
10	8.525	604	607	634	rBV	1728002	2560151	49.63%	6.134%
11	9.645	702	705	716	rBV	859764	1375644	26.67%	3.296%
12	11.416	857	860	863	rBV	2745265	4085940	79.21%	9.790%
13	12.114	919	921	925	rBV	304176	389891	7.56%	0.934%
14	12.468	949	952	958	rBV	1074517	1643871	31.87%	3.939%
15	13.302	1022	1025	1028	rVB	132562	156290	3.03%	0.374%
16	13.657	1051	1056	1059	rBV	34609	83917	1.63%	0.201%
17	13.771	1062	1066	1072	rBV	1571564	2584923	50.11%	6.194%
18	14.080	1090	1093	1098	rBV	123662	205831	3.99%	0.493%
19	14.811	1154	1157	1160	rBV	67324	88935	1.72%	0.213%
20	14.880	1160	1163	1171	rVB	952645	1500880	29.10%	3.596%
21	17.051	1351	1353	1356	rVB	89946	91766	1.78%	0.220%
22	17.211	1364	1367	1370	rBV	3152757	3668782	71.12%	8.790%
23	17.977	1431	1434	1436	rBV	59950	59821	1.16%	0.143%
24	18.503	1477	1480	1482	rBV	38929	98738	1.91%	0.237%
25	18.560	1482	1485	1488	rVV	750350	1278391	24.78%	3.063%
26	18.606	1488	1489	1496	rVB	90466	108793	2.11%	0.261%
27	19.577	1571	1574	1576	rBV	36269	52696	1.02%	0.126%
28	20.217	1628	1630	1636	rBV	579331	849867	16.48%	2.036%
29	21.086	1703	1706	1714	rVB2	23954	53917	1.05%	0.129%

Sum of corrected areas: 41735851

LSC Report - Integrated Chromatogram

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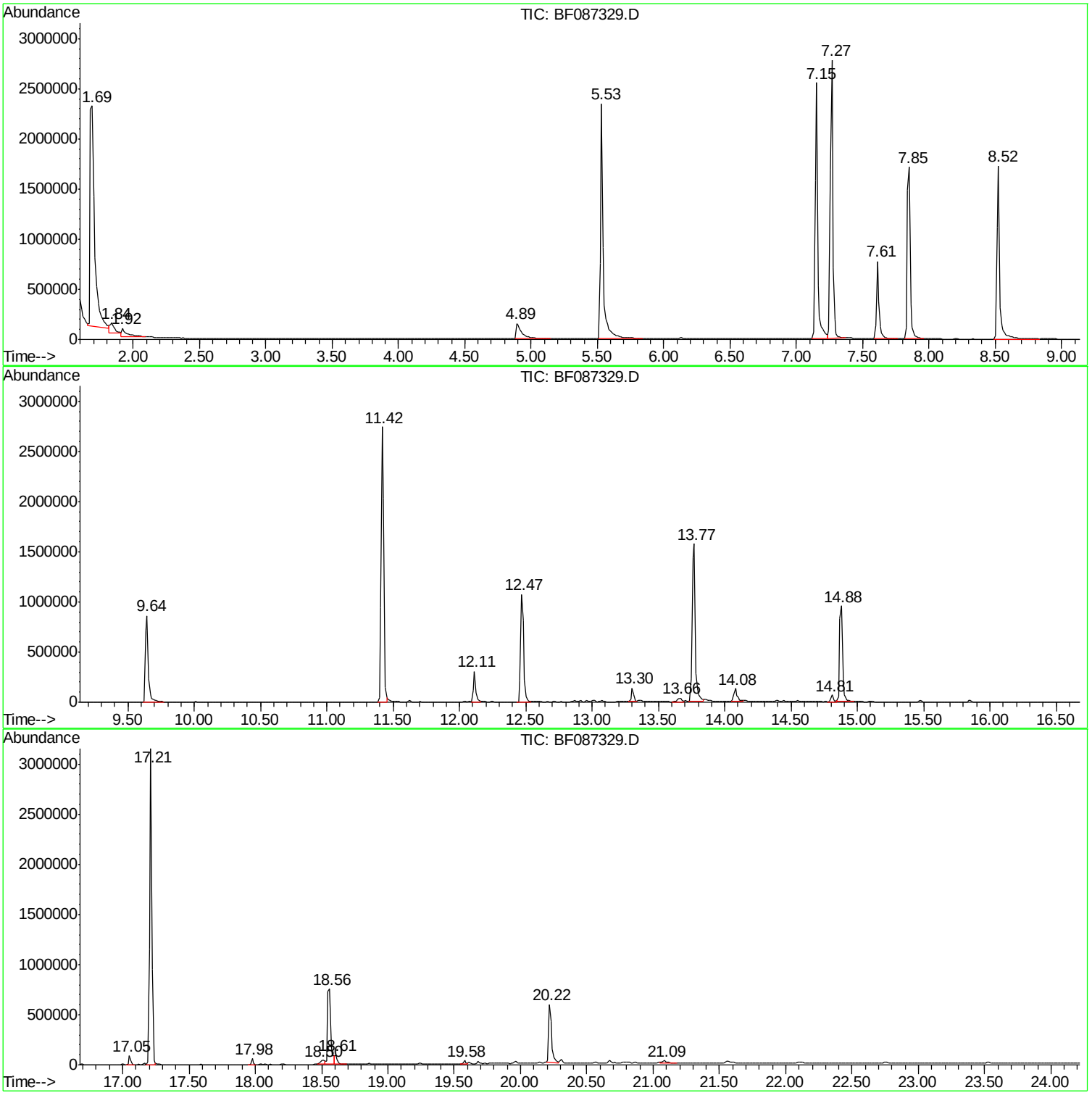
Instrument :
BNA_F
ClientSampleId :
SB-20-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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

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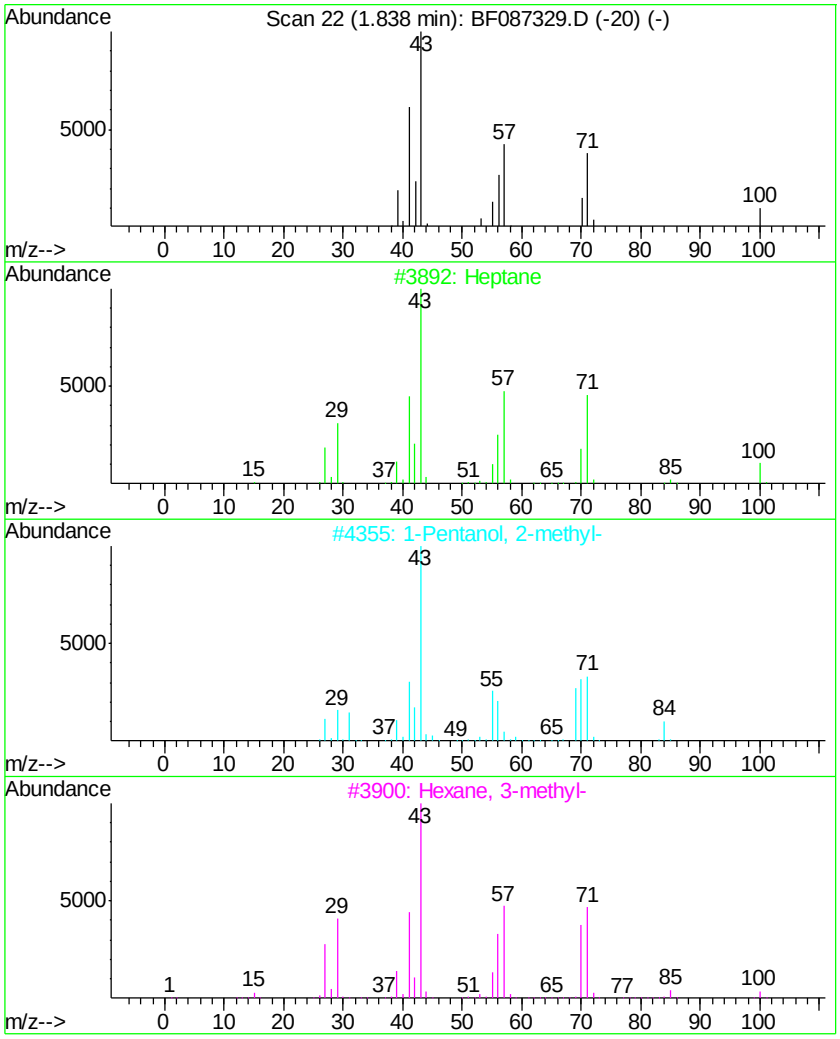
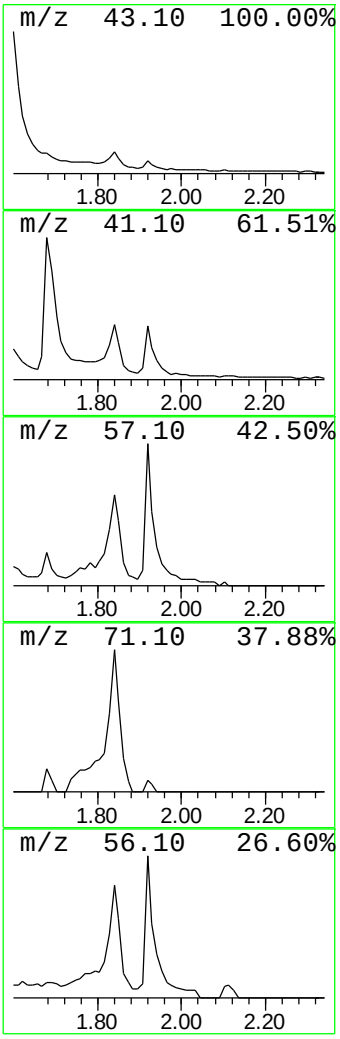
Peak Number 2 Heptane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.84	3.78 ng	198594	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	36
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	33
4	1-Hexanamine, N-nitro-	146	C6H14N2O2	098275-81-1	28
5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	25





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-20-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
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TIC Library : C:\DATABASE\NIST02.L
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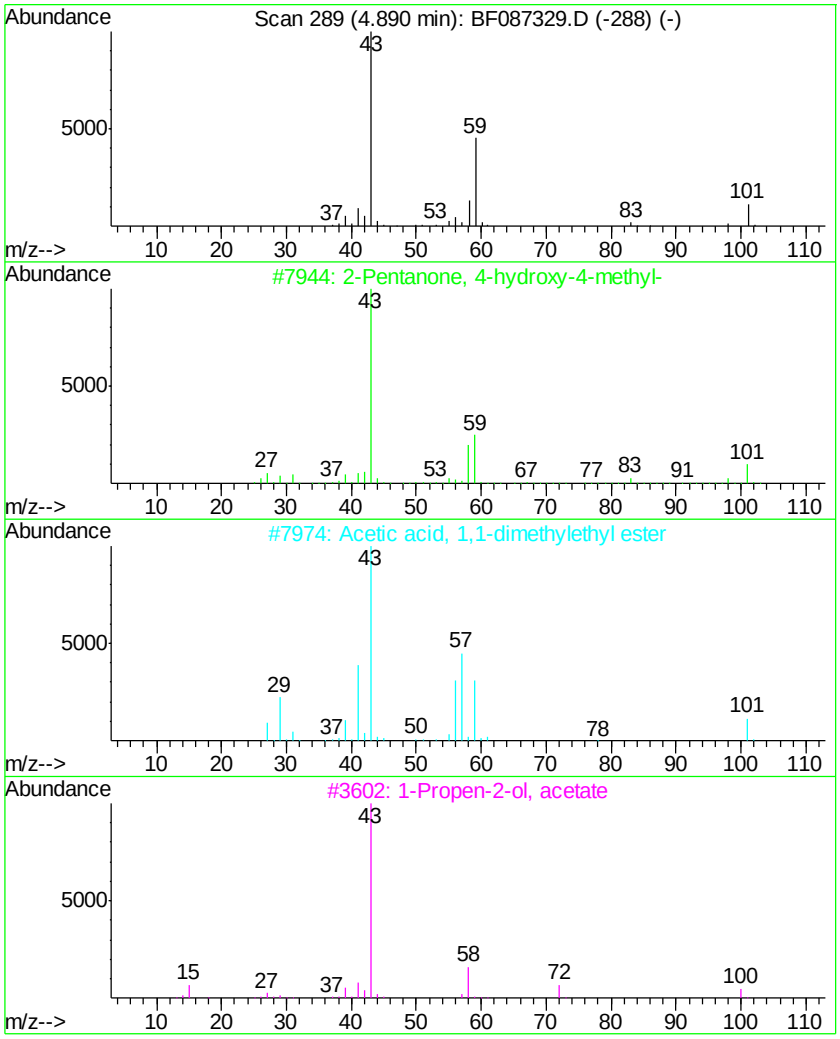
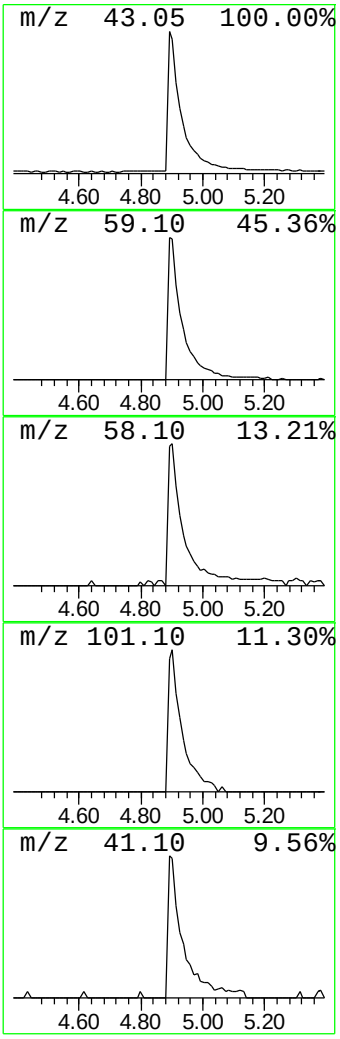
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	9.28 ng	487484	1,4-Dichlorobenzene-d4	7.61

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
5	Acetic acid, 2-propenyl ester	100	C5H8O2	000591-87-7	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : SB-20-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
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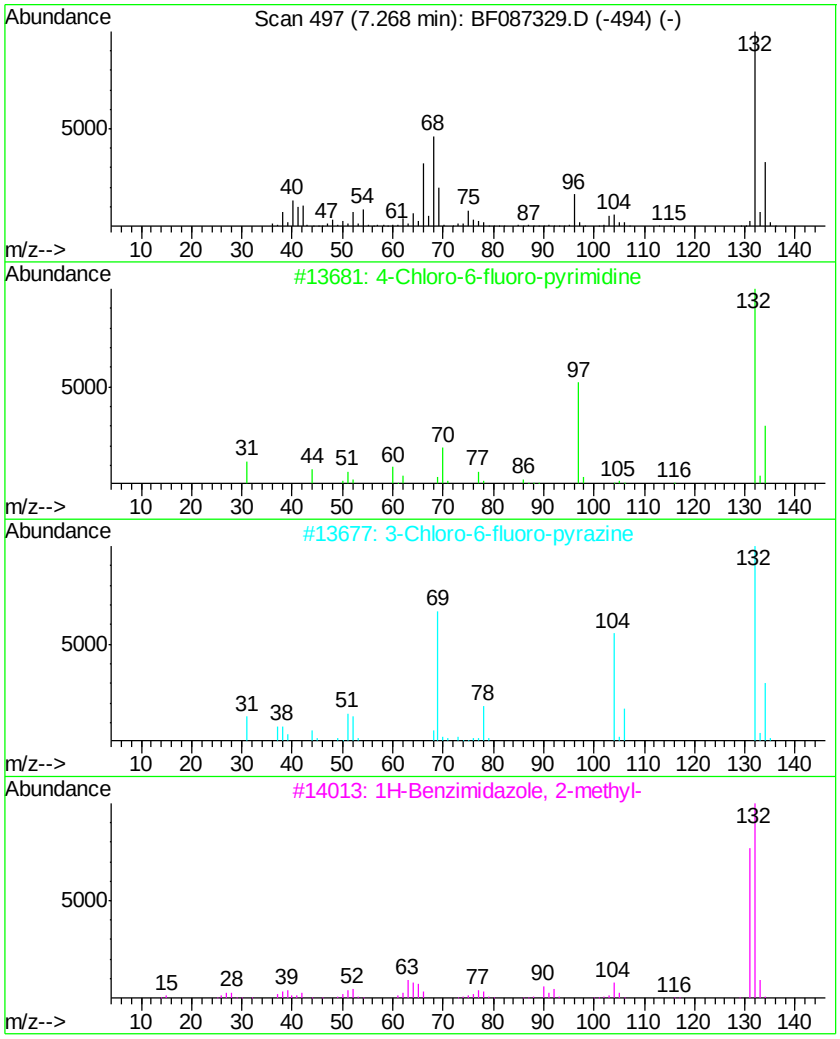
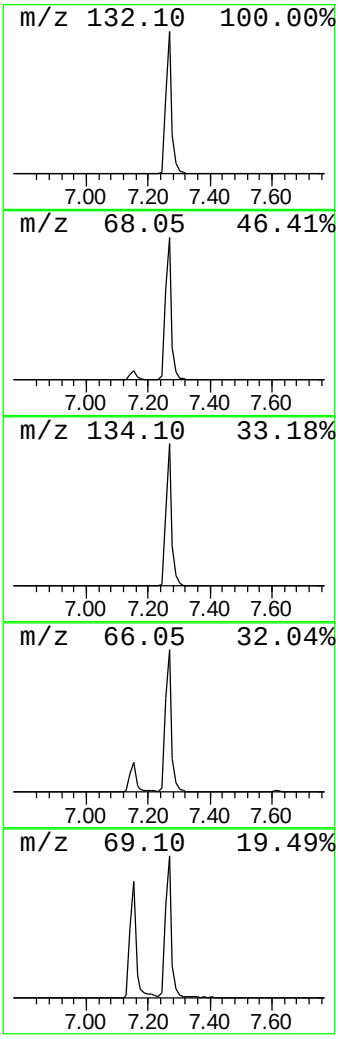
Peak Number 5 unknown7.27 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	71.80 ng	3772130	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10





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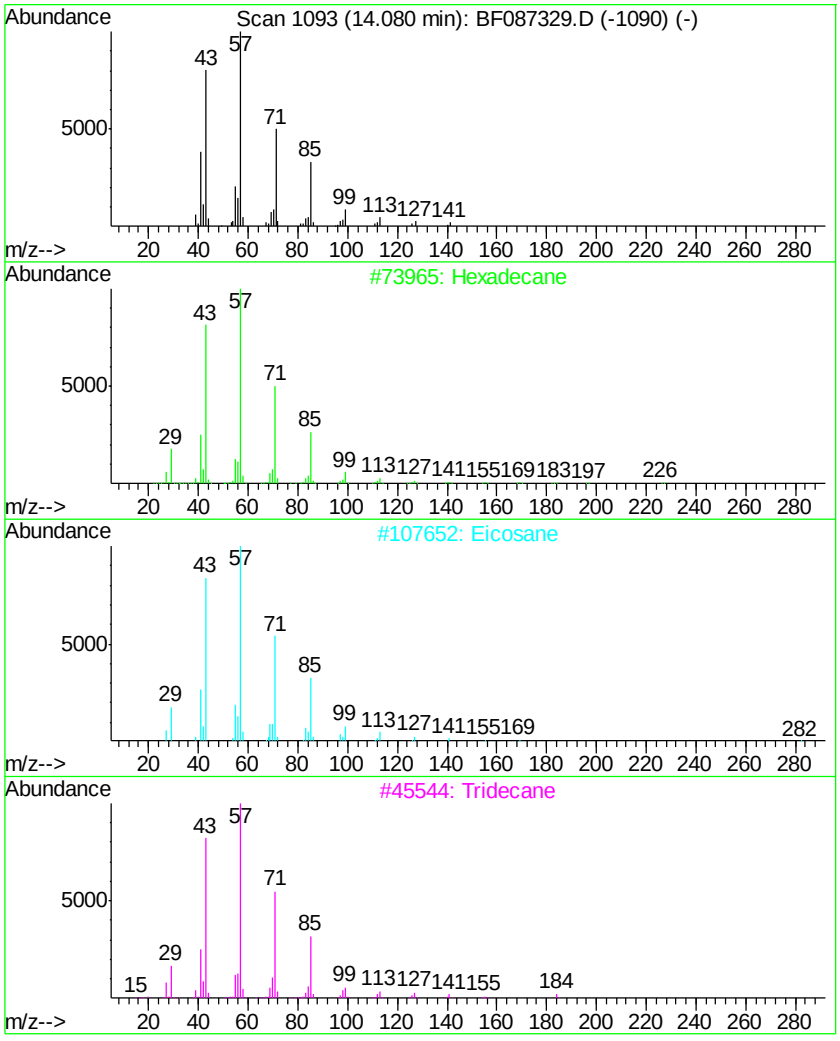
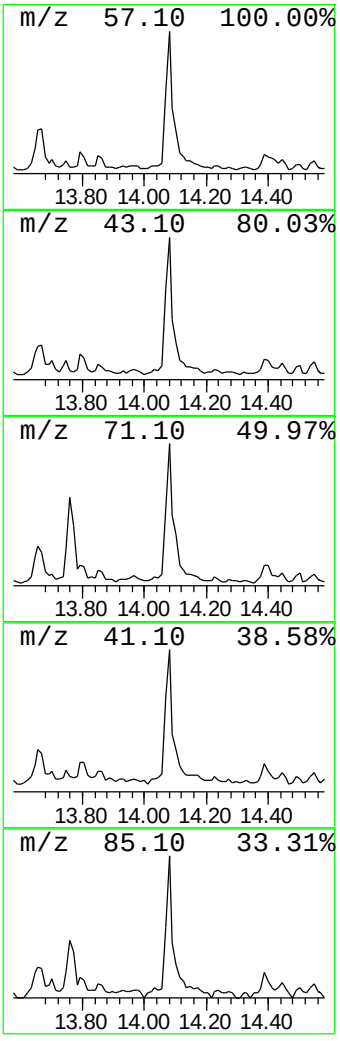
Peak Number 7 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	2.74 ng	205831	Phenanthrene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane	282	C20H42	000112-95-8	87
3	Tridecane	184	C13H28	000629-50-5	86
4	Octadecane	254	C18H38	000593-45-3	86
5	Tetradecane	198	C14H30	000629-59-4	80





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Heptane	1.84	3.8	ng	198594	1	7.61	1050730	20.0
2-Pentanone, 4-hy...	4.89	9.3	ng	487484	1	7.61	1050730	20.0
unknown7.27	7.27	71.8	ng	3772130	1	7.61	1050730	20.0
Hexadecane	14.08	2.7	ng	205831	4	14.88	1500880	20.0