LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087337.D
Acq On : 24 May 2016 12:21
Operator : UM/SJ
Sample : H3168-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-14-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	43	rVB	2396685	6426880	100.00%	15.556%
2	4.890	287	289	307	rBV	162486	477700	7.43%	1.156%
3	5.530	342	345	375	rBV	2057040	3671265	57.12%	8.886%
4	7.153	484	487	494	rBV	2673269	3788662	58.95%	9.170%
5	7.268	494	497	506	rVB	2891997	3871655	60.24%	9.371%
6	7.610	524	527	538	rVB	702533	945725	14.72%	2.289%
7	7.850	545	548	558	rBV	1880417	2846850	44.30%	6.891%
8	8.525	604	607	623	rBV	1807938	2610543	40.62%	6.319%
9	9.645	702	705	721	rBV	803438	1247214	19.41%	3.019%
10	11.416	857	860	863	rBV	2784535	4108404	63.93%	9.944%
11	12.114	919	921	925	rBV	216013	282954	4.40%	0.685%
12	12.468	950	952	958	rBV	1005262	1431916	22.28%	3.466%
13	13.302	1022	1025	1028	rBV	117990	137303	2.14%	0.332%
14	13.668	1051	1057	1058	rBV	29426	67503	1.05%	0.163%
15	13.760	1062	1065	1068	rBV	1487320	2376093	36.97%	5.751%
16	14.080	1090	1093	1098	rBV	102510	167800	2.61%	0.406%
17	14.880	1160	1163	1172	rVB	769432	1278638	19.90%	3.095%
18	17.211	1364	1367	1370	rBV	2986745	3434178	53.43%	8.312%
19	18.526	1477	1482	1483	rBV	49091	122619	1.91%	0.297%
20	18.560	1483	1485	1487	rVV	629698	1012547	15.75%	2.451%
21	18.606	1487	1489	1494	rVB	88464	168108	2.62%	0.407%
22	19.577	1571	1574	1581	rBV	96871	134479	2.09%	0.326%
23	20.217	1628	1630	1636	rVB	475917	704804	10.97%	1.706%

Sum of corrected areas: 41313840

LSC Report - Integrated Chromatogram

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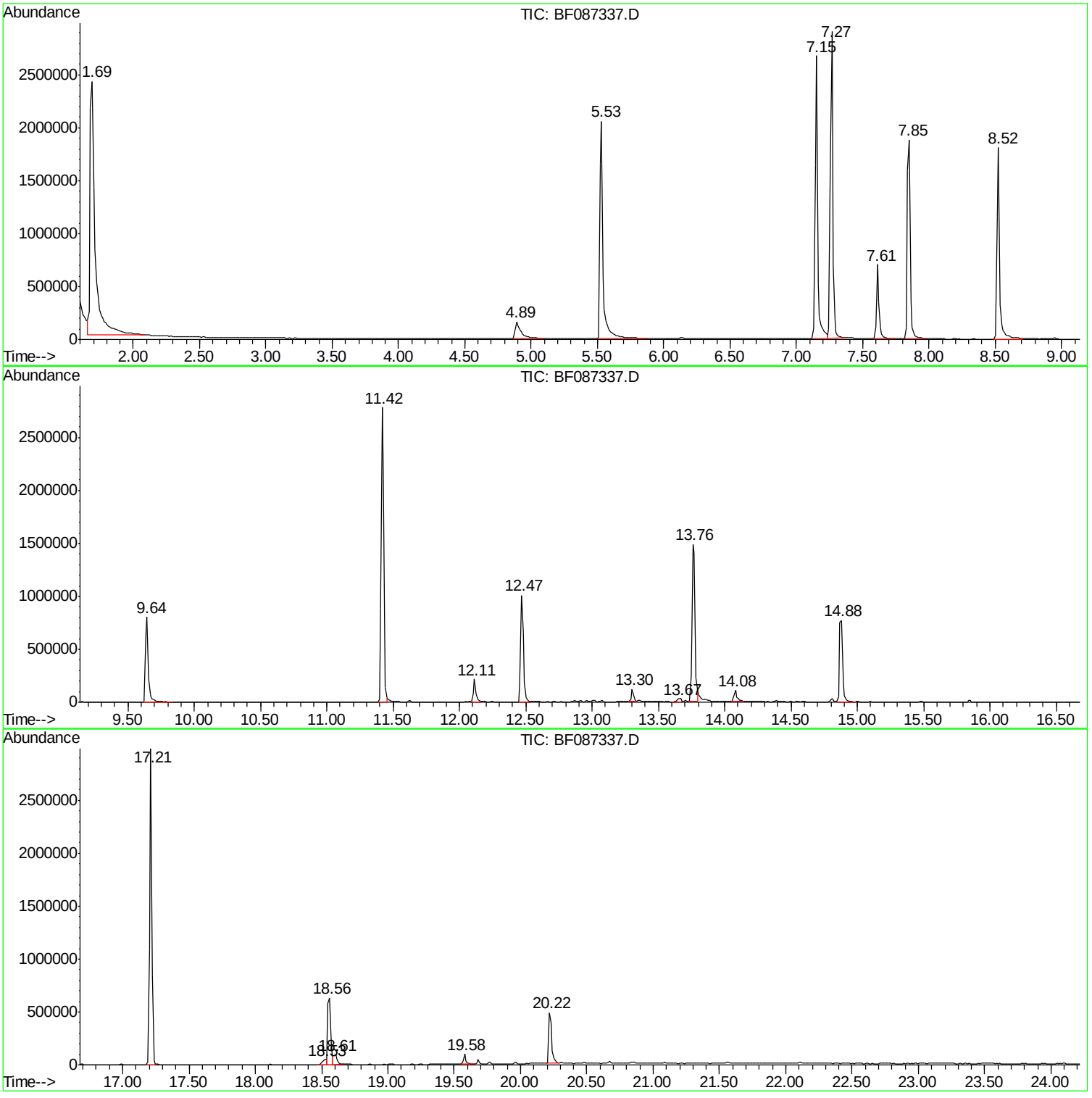
ClientSampleId : SB-14-COMP

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



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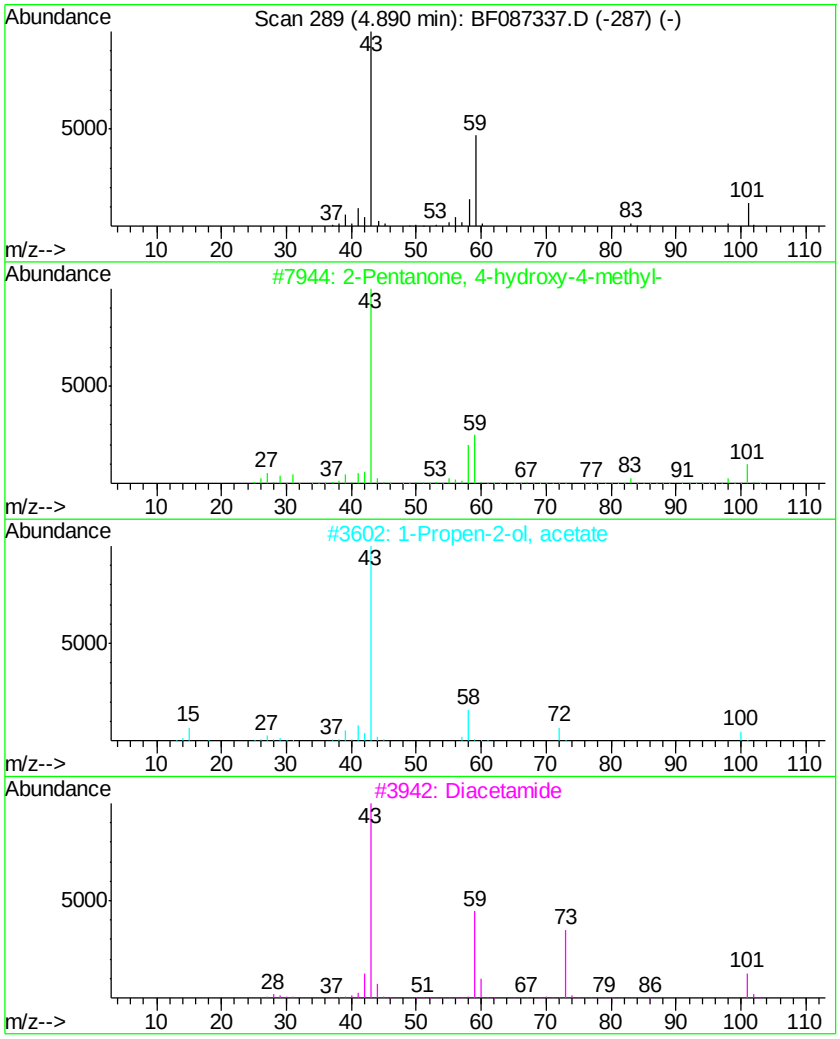
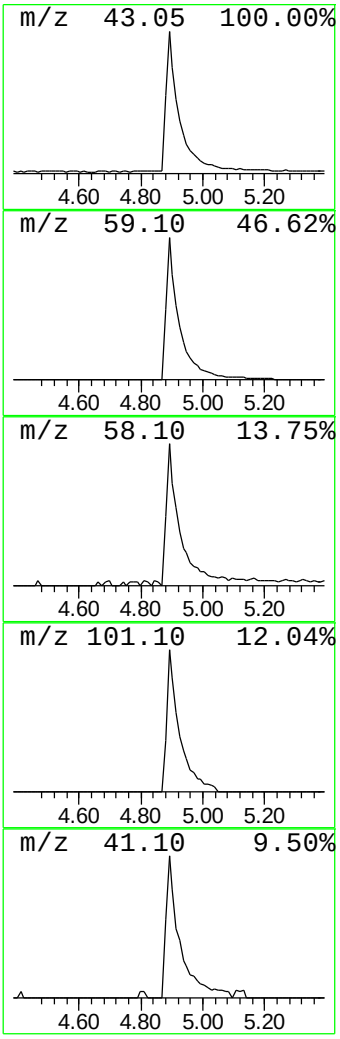
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	10.10 ng	477700	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	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	Diacetamide	101	C4H7NO2	000625-77-4	9
4	Butane	58	C4H10	000106-97-8	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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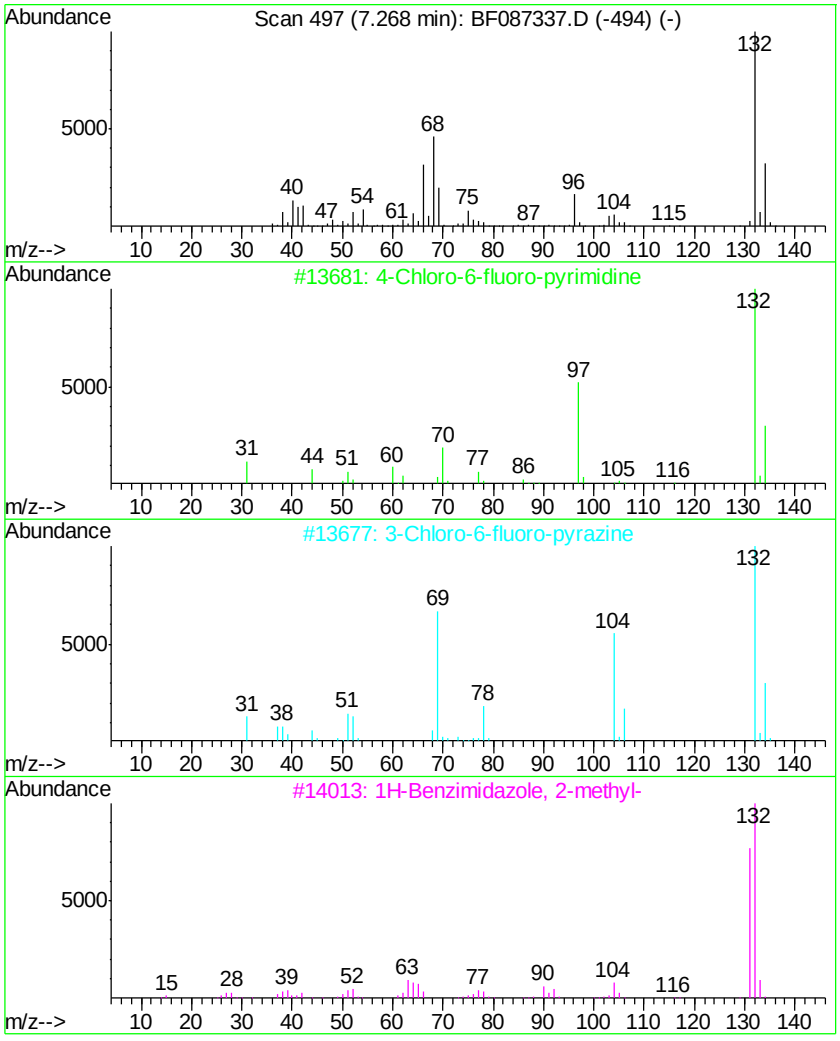
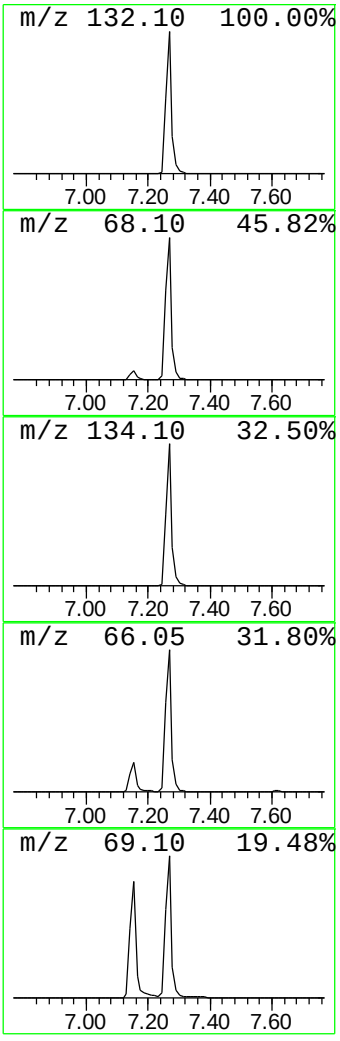
Peak Number 3 unknown7.27 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	81.88 ng	3871660	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	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





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ClientSampleId : SB-14-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
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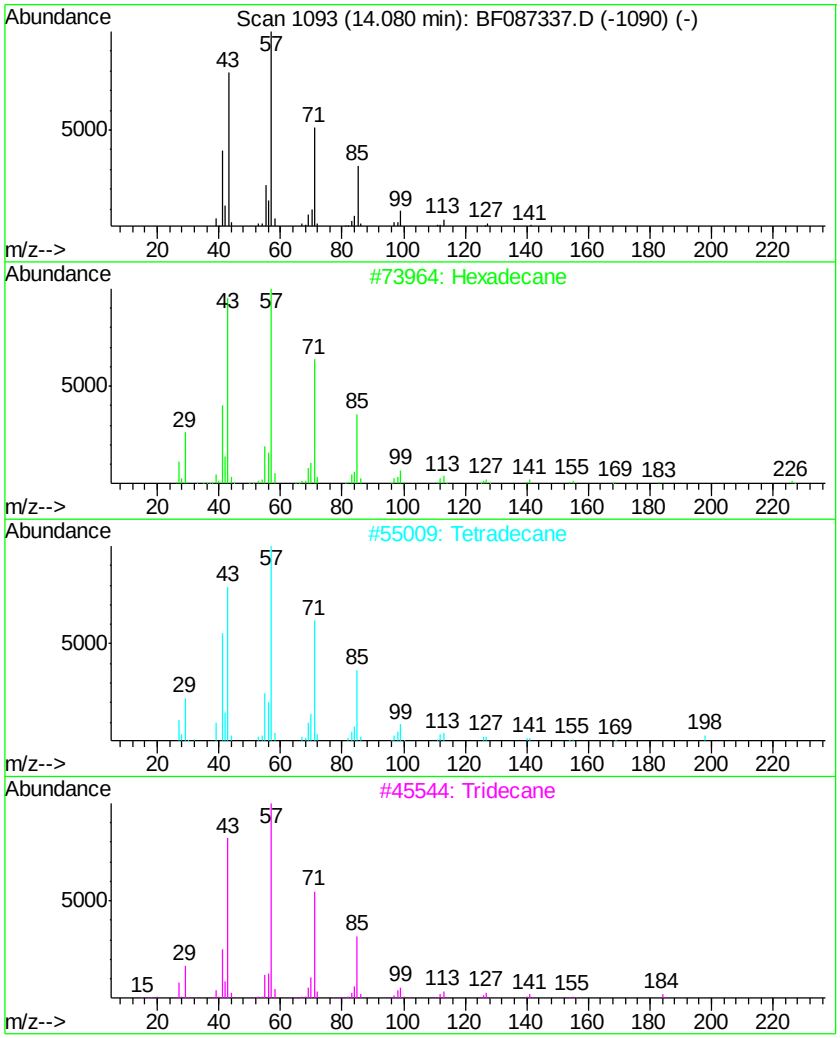
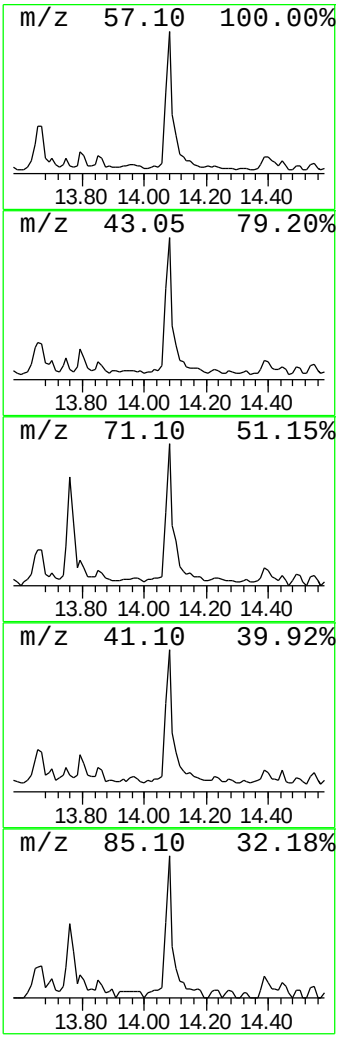
Peak Number 5 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	2.62 ng	167800	Phenanthrene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tridecane	184	C13H28	000629-50-5	86
4	Eicosane	282	C20H42	000112-95-8	80
5	Octadecane	254	C18H38	000593-45-3	80





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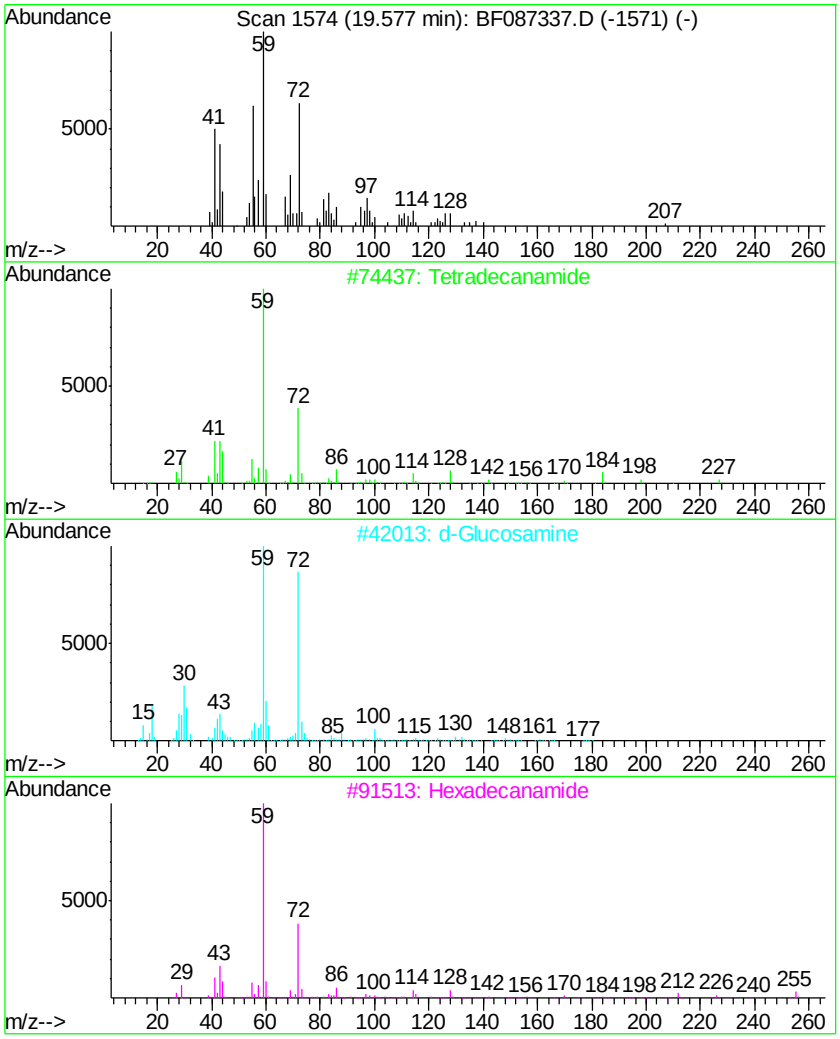
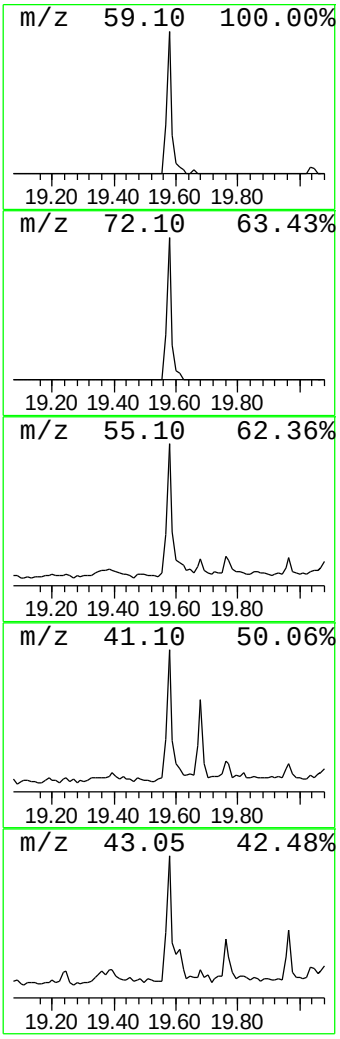
Peak Number 6 Tetradecanamide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.58	3.82 ng	134479	Perylene-d12	20.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanamide	227	C14H29NO	000638-58-4	64
2	d-Glucosamine	179	C6H13NO5	000090-77-7	53
3	Hexadecanamide	255	C16H33NO	000629-54-9	50
4	Dodecanamide	199	C12H25NO	001120-16-7	42
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	38





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.89	10.1	ng	477700	1	7.61	945725	20.0
unknown7.27	7.27	81.9	ng	3871660	1	7.61	945725	20.0
Hexadecane	14.08	2.6	ng	167800	4	14.88	1278640	20.0
Tetradecanamide	19.58	3.8	ng	134479	6	20.22	704804	20.0