LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107182.D
Acq On : 6 Jul 2018 19:27
Operator : JU/SJ
Sample : J3854-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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	5.178	475	483	498	rBB	115115	133806	13.09%	1.203%
2	5.584	548	552	574	rBV	843515	824199	80.65%	7.413%
3	6.590	718	723	741	rBV	877265	867866	84.92%	7.806%
4	6.719	741	745	754	rBV	898117	859870	84.14%	7.734%
5	6.943	779	783	790	rBB	437147	362740	35.50%	3.263%
6	7.101	805	810	821	rBB	779965	693922	67.90%	6.241%
7	7.507	874	879	902	rBV	528329	543415	53.17%	4.888%
8	8.231	996	1002	1027	rBB	471362	477622	46.74%	4.296%
9	9.301	1178	1184	1193	rBV	1136359	1021945	100.00%	9.192%
10	9.695	1245	1251	1260	rBB	179355	160413	15.70%	1.443%
11	9.989	1293	1301	1310	rBB	519598	512849	50.18%	4.613%
12	10.783	1431	1436	1448	rBV	572177	547532	53.58%	4.925%
13	11.483	1549	1555	1565	rBV2	484859	561304	54.93%	5.048%
14	12.095	1656	1659	1686	rVB4	31948	49856	4.88%	0.448%
15	12.701	1757	1762	1770	rBV	127318	108015	10.57%	0.972%
16	12.930	1794	1801	1807	rBV	173052	174339	17.06%	1.568%
17	13.066	1819	1824	1834	rVB	981544	960047	93.94%	8.635%
18	13.260	1849	1857	1864	rBV2	24243	39789	3.89%	0.358%
19	13.942	1969	1973	2000	rVB3	87112	131811	12.90%	1.186%
20	14.136	2000	2006	2021	rBV2	545376	668202	65.39%	6.010%
21	14.254	2021	2026	2068	rBV2	18459	115751	11.33%	1.041%
22	14.566	2075	2079	2129	rBV9	29967	168297	16.47%	1.514%
23	15.230	2184	2192	2206	rBV2	50940	132721	12.99%	1.194%
24	15.601	2251	2255	2262	rBV2	39260	75262	7.36%	0.677%
25	15.665	2262	2266	2333	rVV	288013	426096	41.69%	3.832%
26	16.083	2333	2337	2423	rVB3	26864	99800	9.77%	0.898%
27	17.242	2529	2534	2827	rVB3	23085	400787	39.22%	3.605%

Sum of corrected areas: 11118256

LSC Report - Integrated Chromatogram

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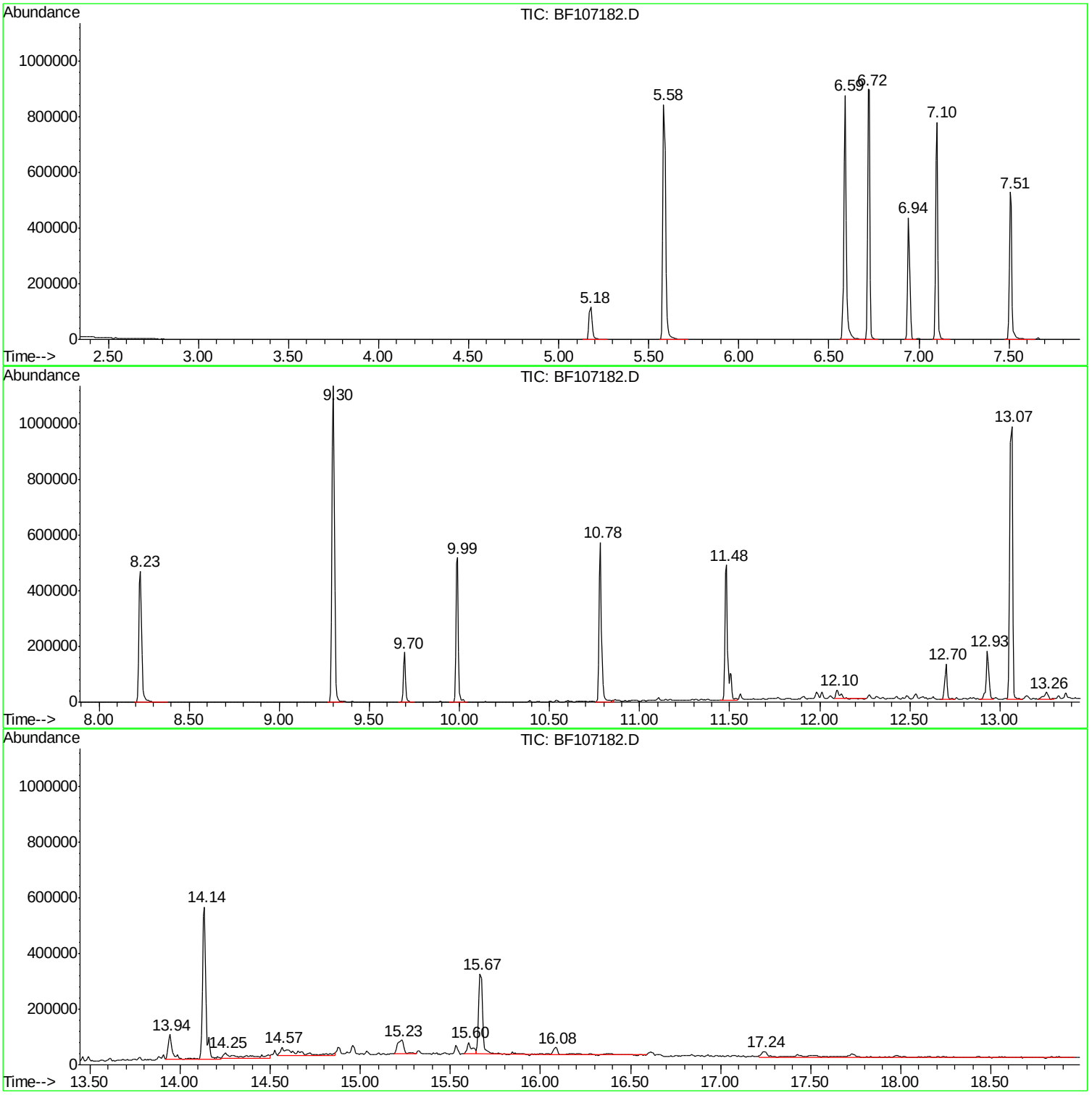
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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TIC Library : C:\DATABASE\NIST02.L
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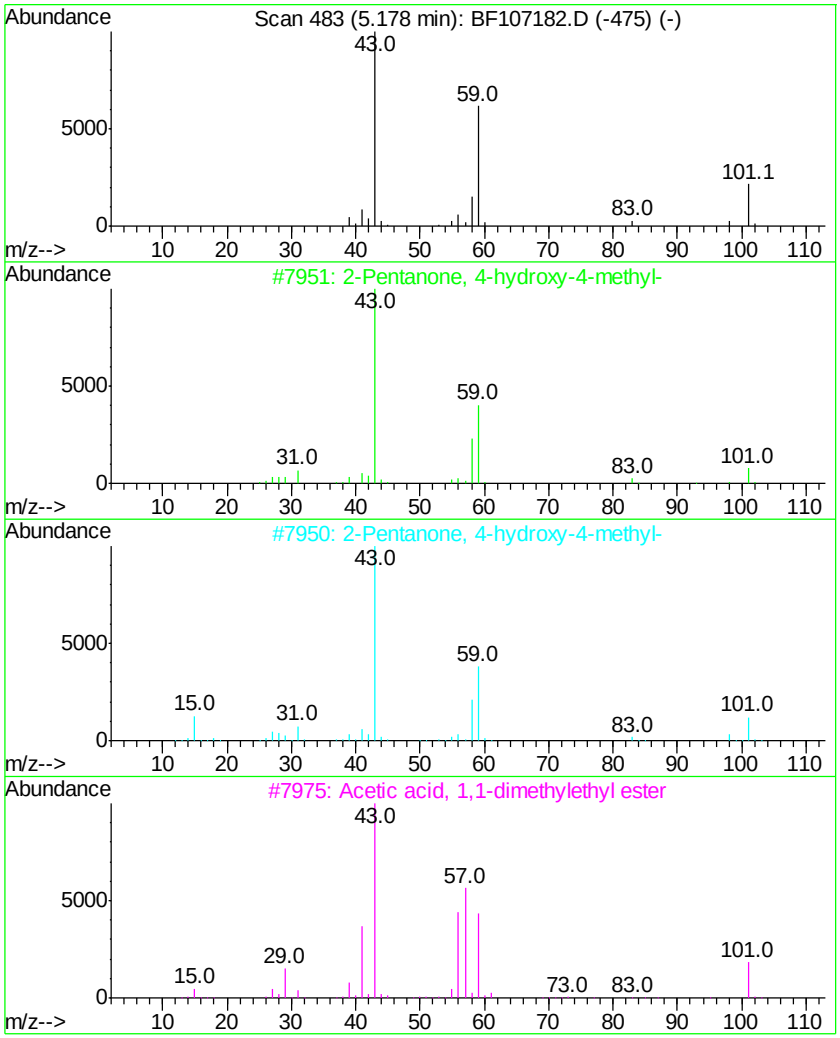
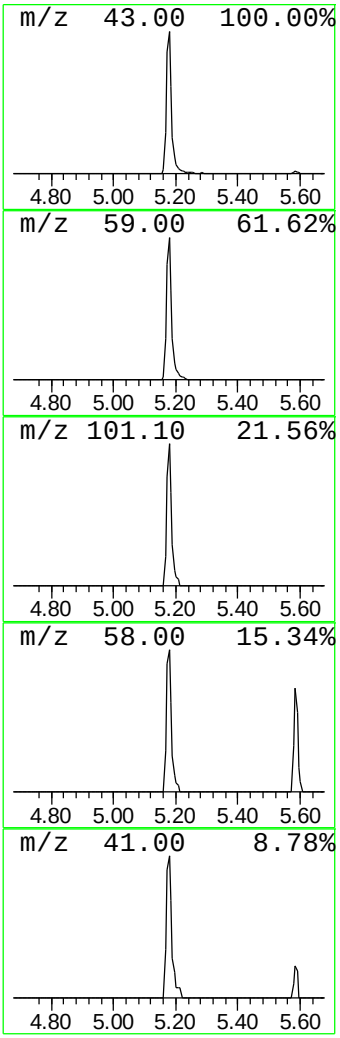
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	7.38 ng	133806	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Library Search Compound Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

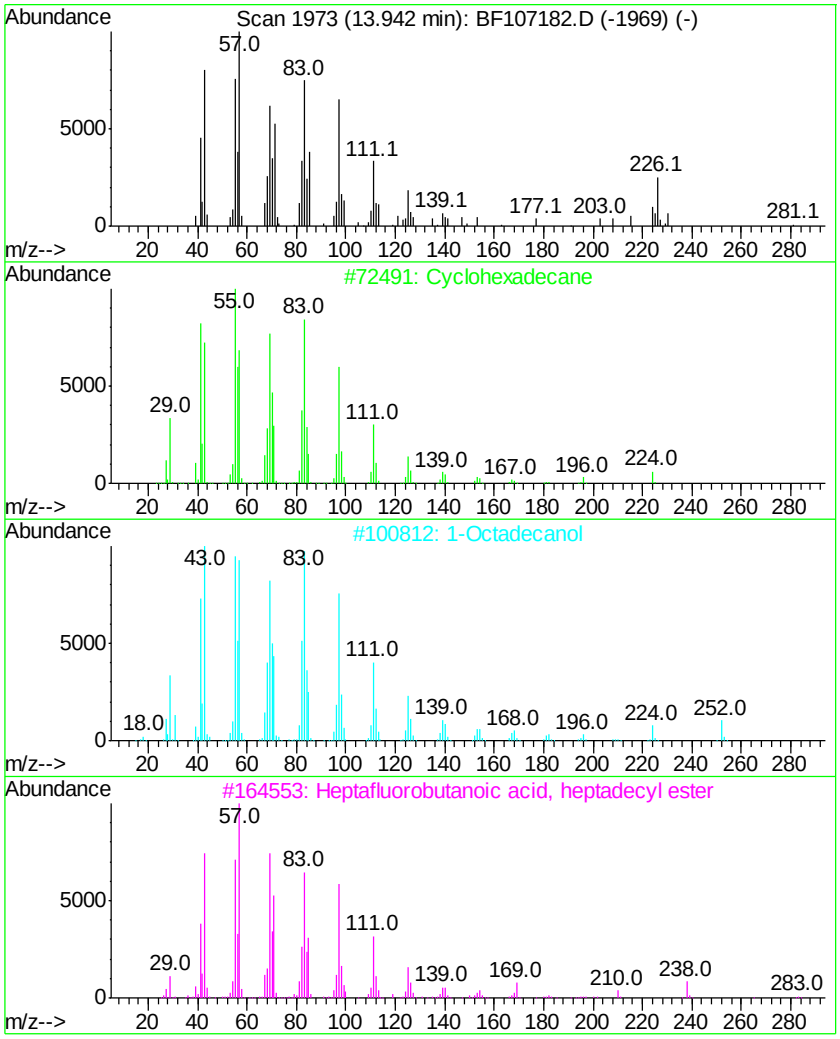
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

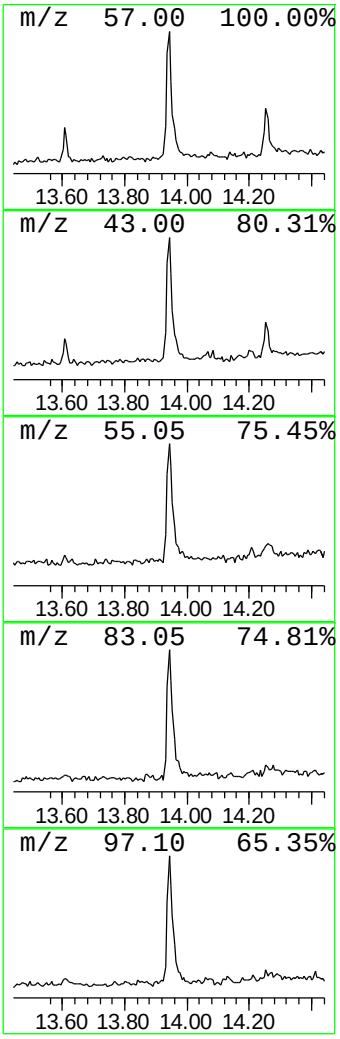
****

Peak Number 2 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	3.95 ng	131811	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	1-Octadecanol	270	C18H38O	000112-92-5	93
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	93
4	1-Hexadecene	224	C16H32	000629-73-2	90
5	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	89





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Sample : J3854-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
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TIC Integration Parameters: RTEINT.P

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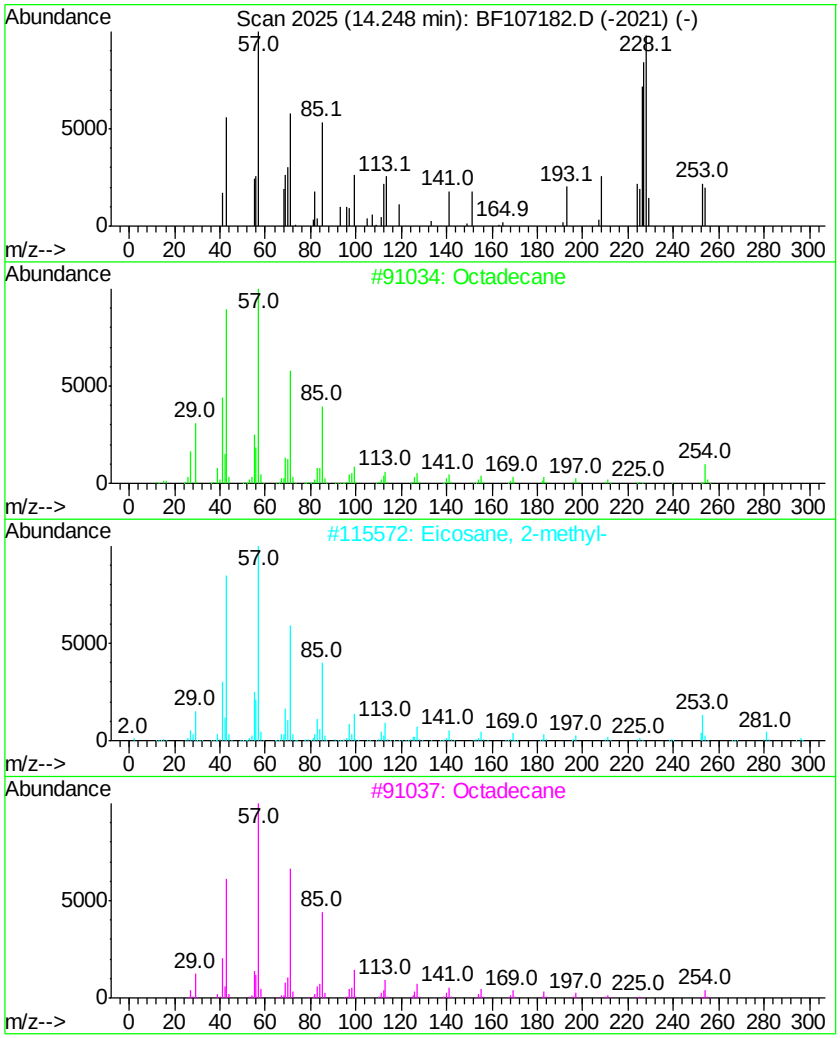
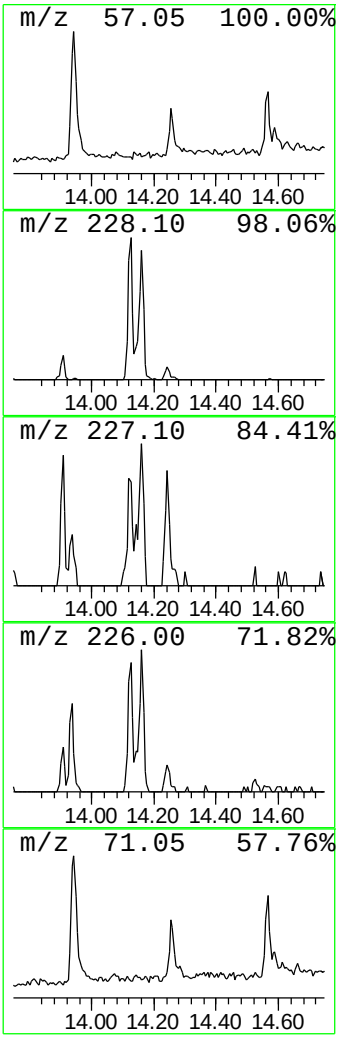
Peak Number 3 unknown14.25 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	3.46 ng	115751	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	49
2	Eicosane, 2-methyl-	296	C21H44	001560-84-5	47
3	Octadecane	254	C18H38	000593-45-3	47
4	Octadecane	254	C18H38	000593-45-3	47
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	43





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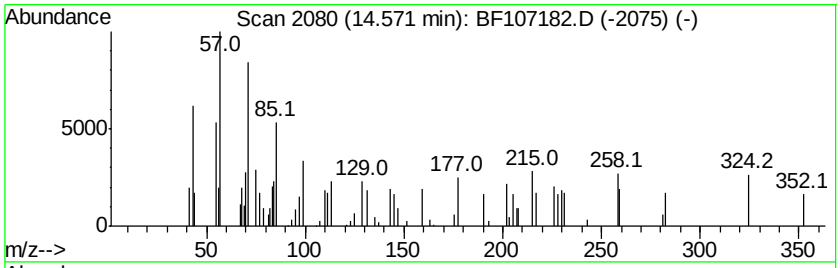
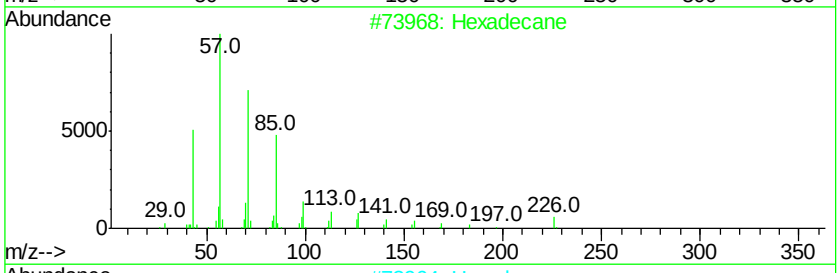
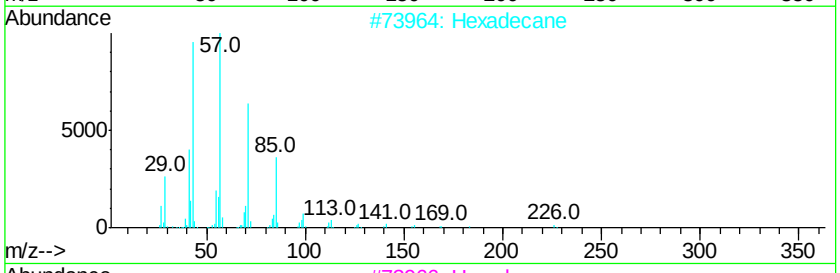
Peak Number 4 Hexadecane Concentration Rank 2

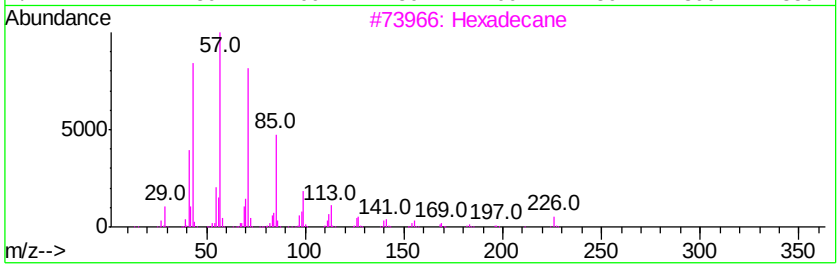
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	5.04 ng	168297	Chrysene-d12	14.14

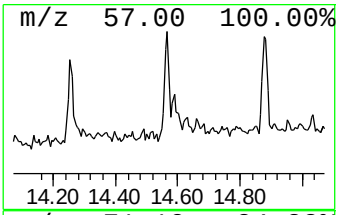
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Hexadecane	226	C16H34	000544-76-3	89
3	Hexadecane	226	C16H34	000544-76-3	87
4	Hexadecane	226	C16H34	000544-76-3	78
5	Hexadecane	226	C16H34	000544-76-3	70

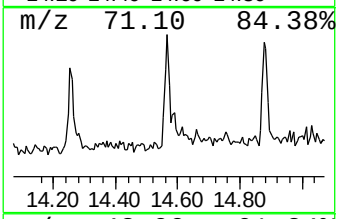


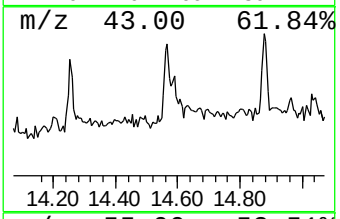


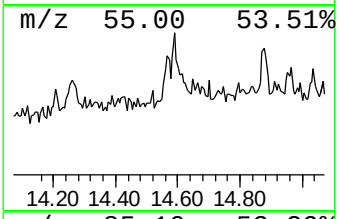


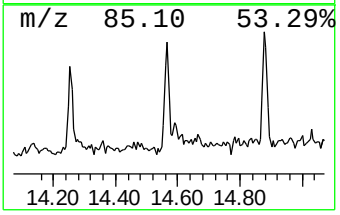












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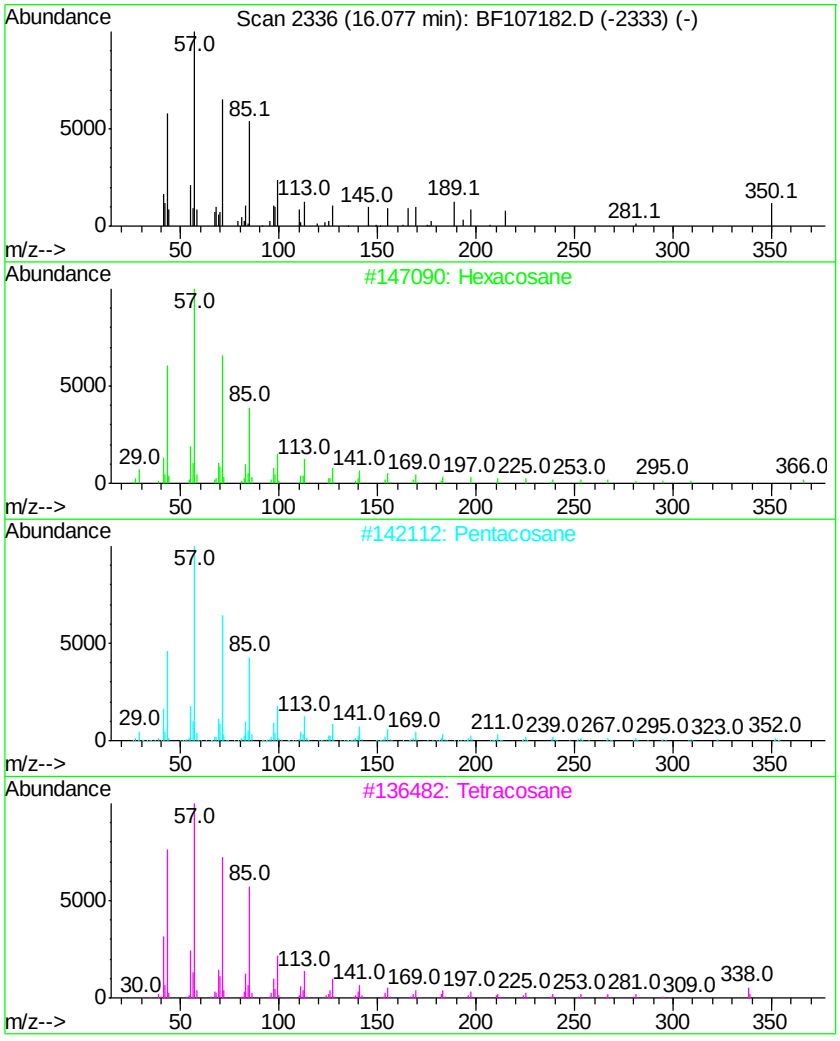
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

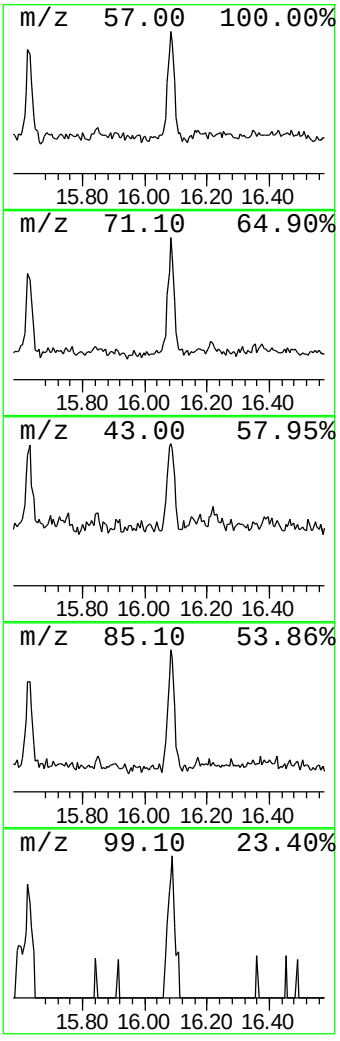
****

Peak Number 5 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	4.68 ng	99800	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tetracosane	338	C24H50	000646-31-1	90





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...	5.18	7.4	ng	133806	1	6.94	362740	20.0
Cyclohexadecane	13.94	4.0	ng	131811	5	14.14	668202	20.0
unknown14.25	14.25	3.5	ng	115751	5	14.14	668202	20.0
Hexadecane	14.57	5.0	ng	168297	5	14.14	668202	20.0
Hexacosane	16.08	4.7	ng	99800	6	15.67	426096	20.0