LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133335.D
Acq On : 10 May 2023 17:31
Operator : CG\JU
Sample : 02719-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02_0-2_20230509

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-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133335.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.257	365	369	376	rBV	69908	86095	1.95%	0.278%
2	4.910	475	480	490	rVB	1213071	1562777	35.36%	5.051%
3	5.340	548	553	556	rBV	3853588	3936124	89.05%	12.721%
4	5.728	616	619	624	rBV	148134	119363	2.70%	0.386%
5	6.363	723	727	730	rBV	3930991	3939317	89.12%	12.731%
6	6.722	784	788	791	rBV	1384615	1140289	25.80%	3.685%
7	7.287	879	884	887	rBV	3037165	2569128	58.12%	8.303%
8	8.004	1002	1006	1009	rBV	2087774	1566853	35.45%	5.064%
9	9.081	1185	1189	1192	rBV	5379529	4420075	100.00%	14.285%
10	9.757	1300	1304	1307	rBV	2056794	1748874	39.57%	5.652%
11	10.469	1421	1425	1428	rBV	360874	309497	7.00%	1.000%
12	10.545	1434	1438	1456	rBV	1752298	1706523	38.61%	5.515%
13	11.239	1552	1556	1558	rBV	1912676	1629640	36.87%	5.267%
14	11.257	1558	1559	1564	rVB	128117	95791	2.17%	0.310%
15	12.445	1758	1761	1767	rVB	83117	77125	1.74%	0.249%
16	12.674	1794	1800	1803	rBV	67242	64521	1.46%	0.209%
17	12.822	1821	1825	1829	rBV	3543921	3431252	77.63%	11.089%
18	13.757	1975	1984	1997	rBV6	78657	310800	7.03%	1.004%
19	13.874	2000	2004	2007	rBV	1043186	998027	22.58%	3.225%
20	15.292	2240	2245	2249	rBV	1050819	1230762	27.84%	3.978%

Sum of corrected areas: 30942833

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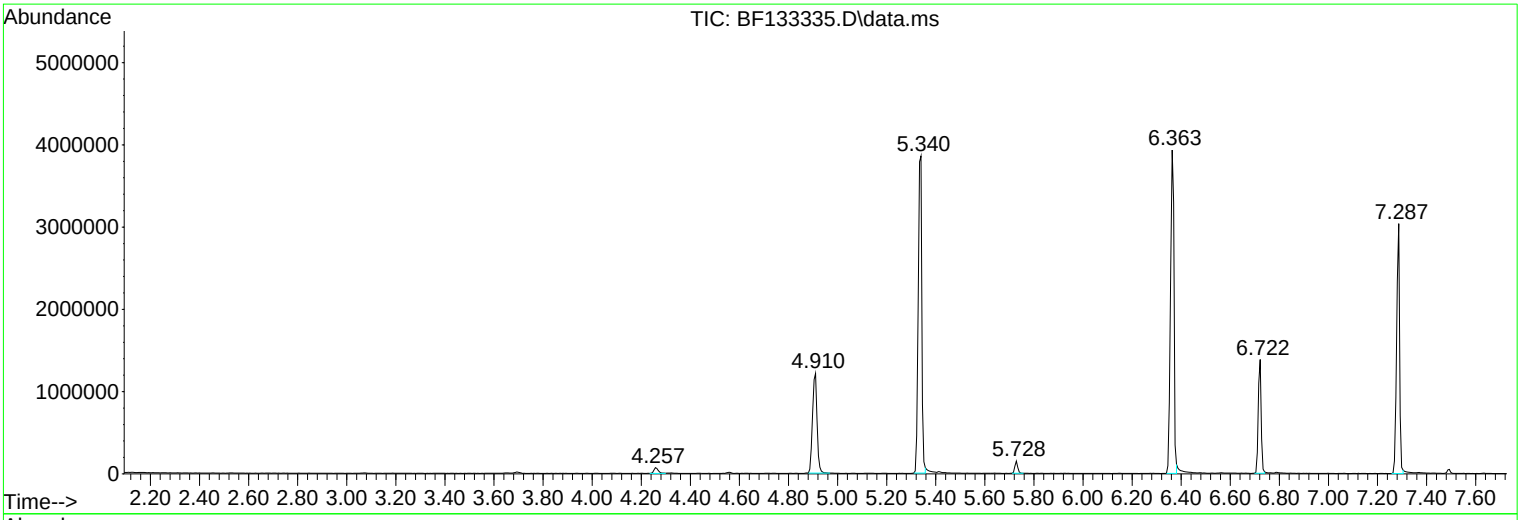
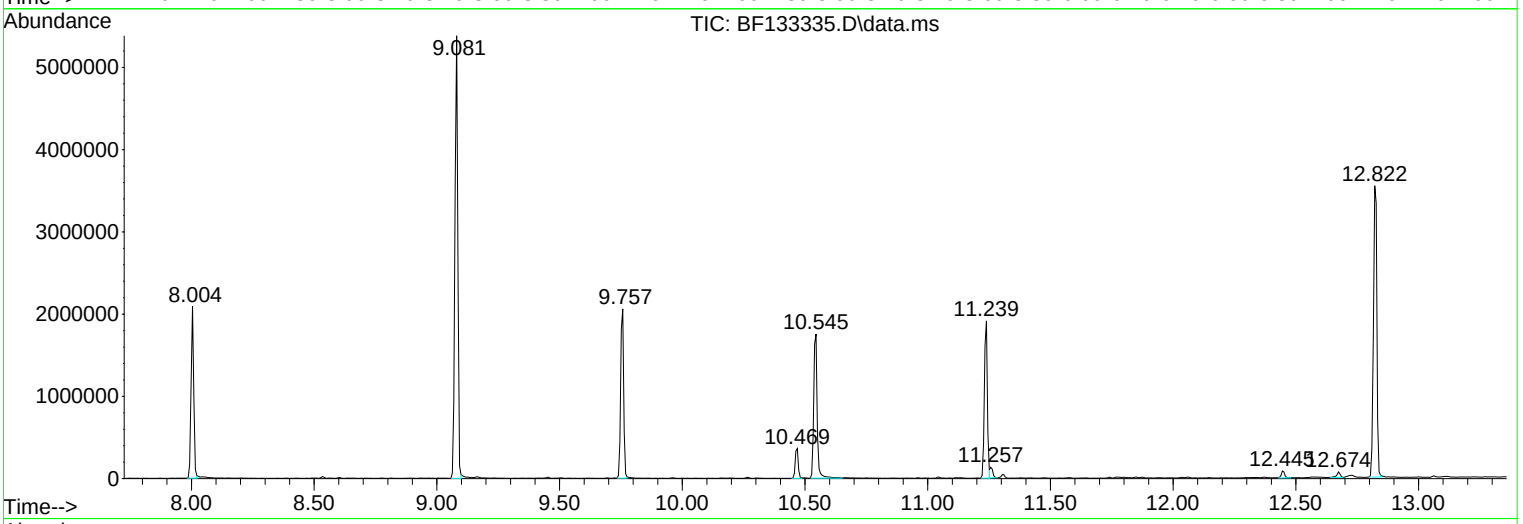
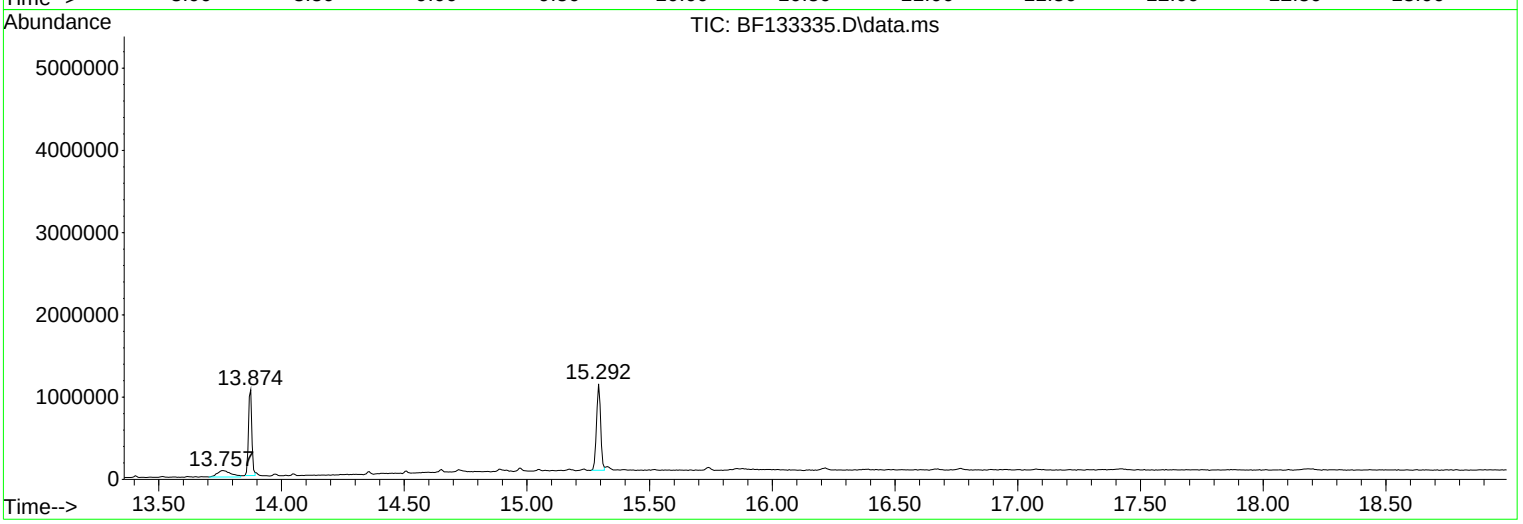
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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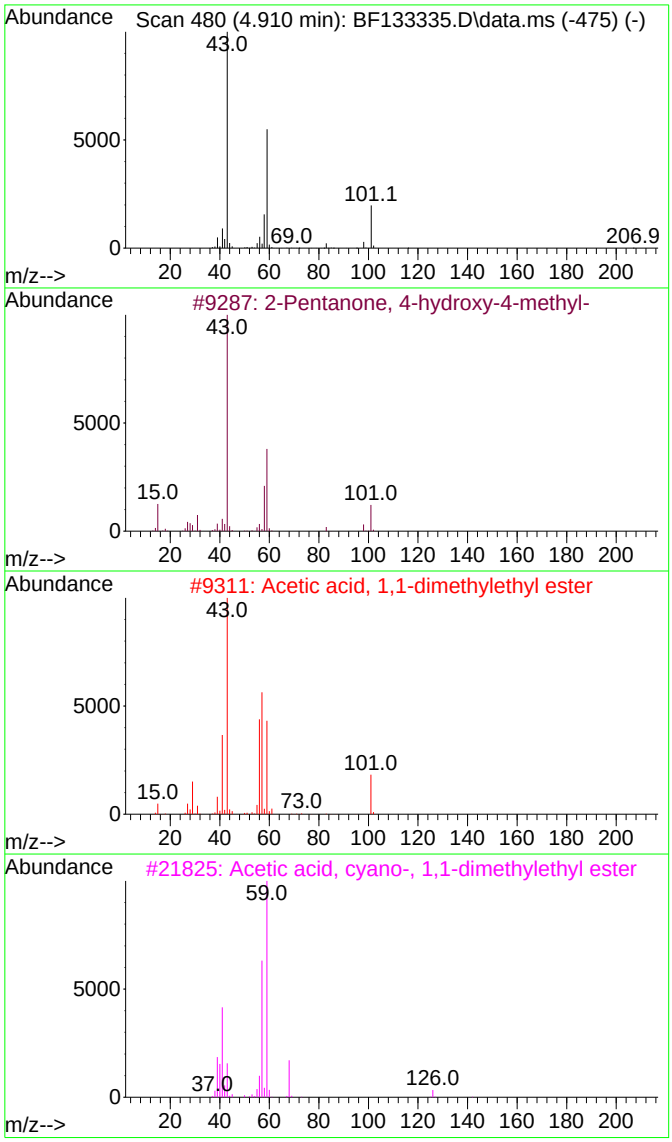
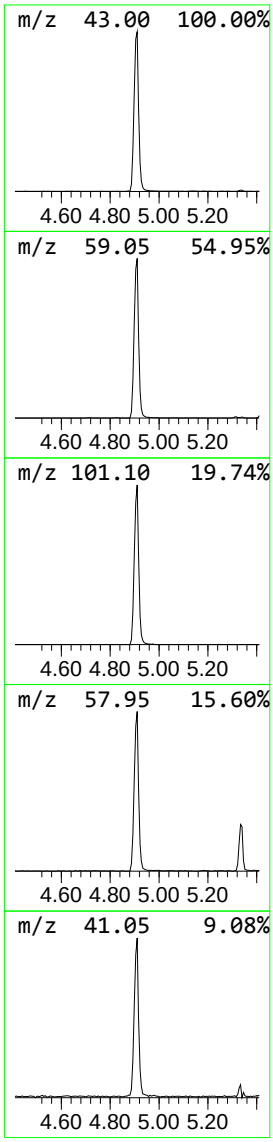
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.910	27.41 ng	1562780	1,4-Dichlorobenzene-d4	6.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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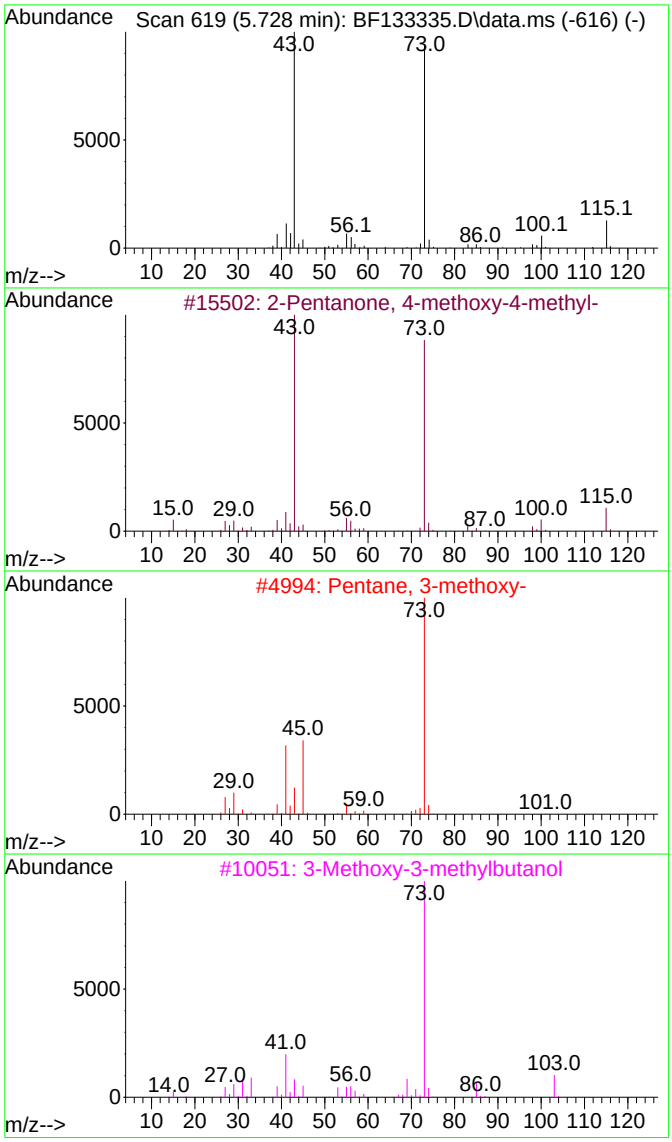
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

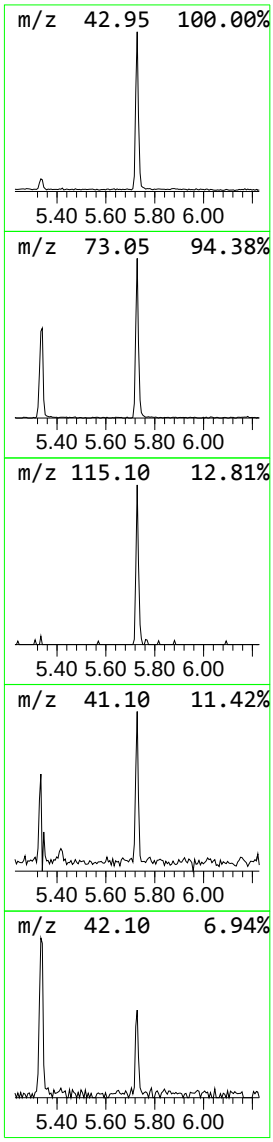
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-methoxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.728	2.09 ng	119363	1,4-Dichlorobenzene-d4	6.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
3	3-Methoxy-3-methylbutanol	118	C6H14O2	056539-66-3	10
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	10
5	Acetamide, N-butyl-	115	C6H13NO	001119-49-9	9





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Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
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TIC Library : C:\Database\NIST20.L
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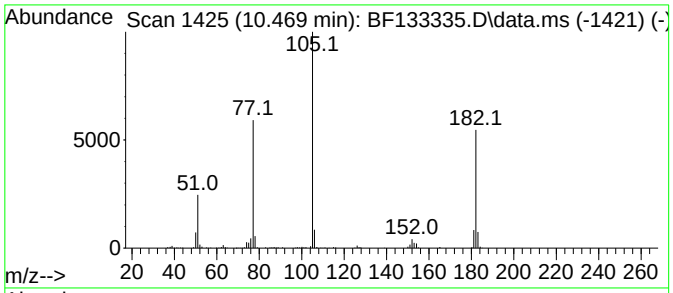
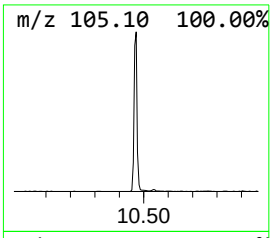
****

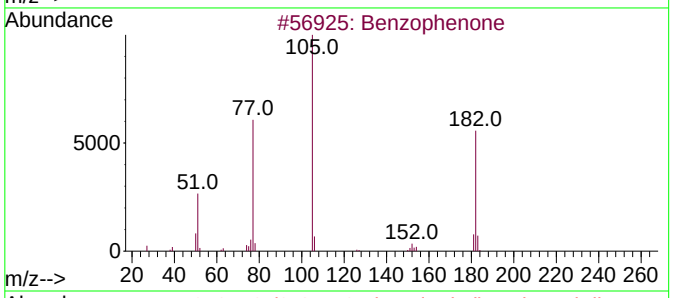
Peak Number 3 Benzophenone Concentration Rank 3

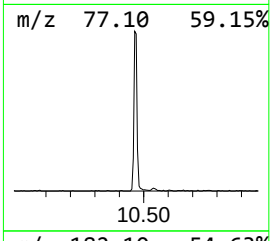
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.469	3.54 ng	309497	Acenaphthene-d10	9.757

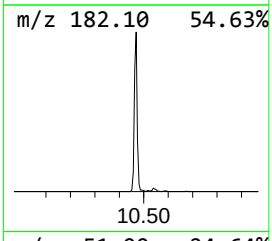
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47
3	acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	47
4	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47

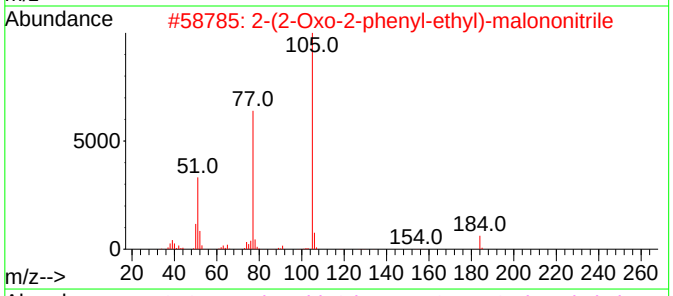


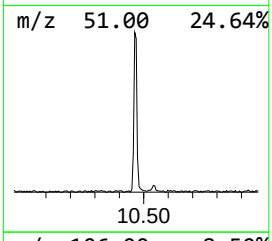


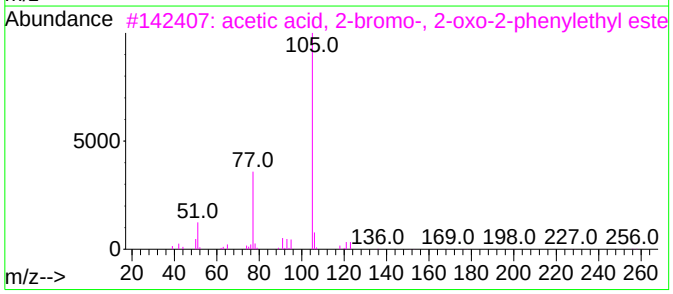


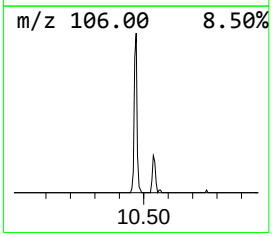












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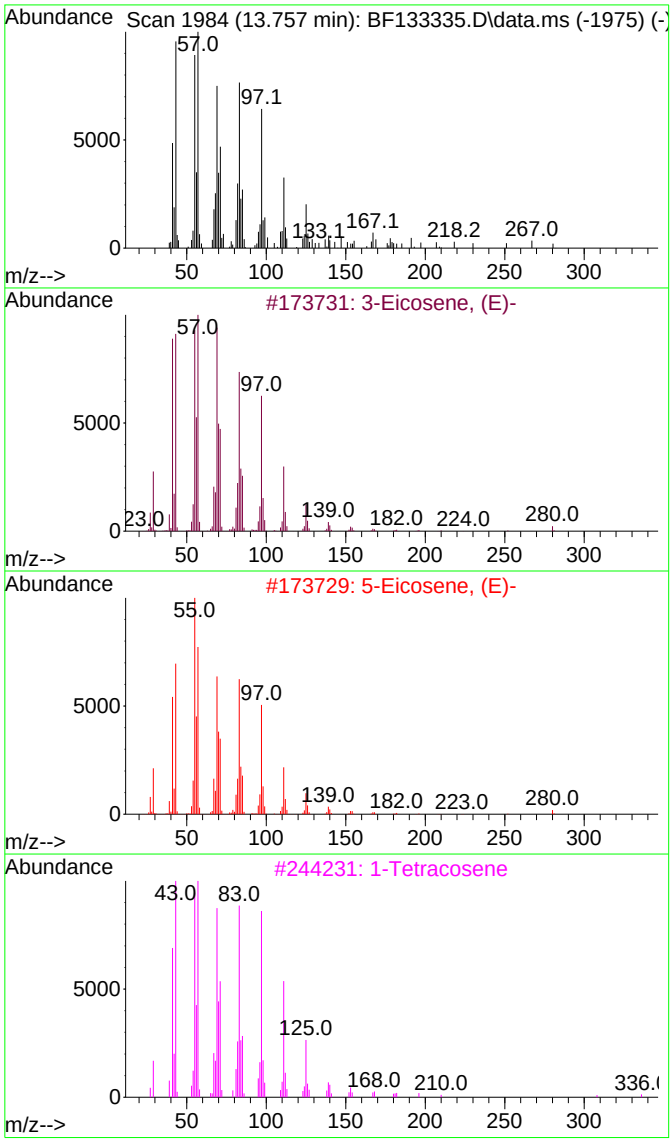
TIC Integration Parameters: LSCINT.P

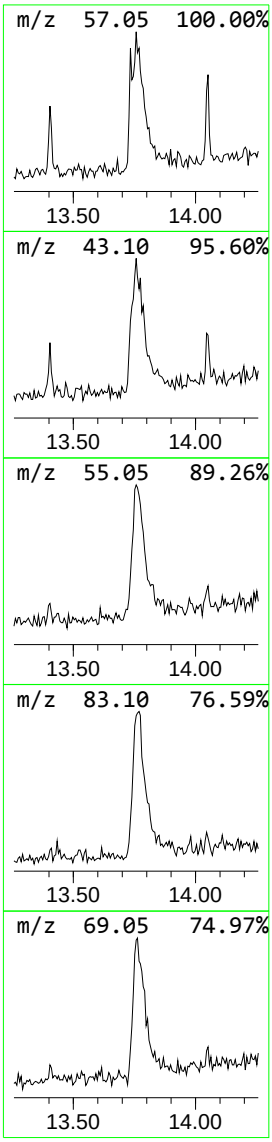
****

Peak Number 4 3-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	6.23 ng	310800	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
3	1-Tetracosene	336	C24H48	010192-32-2	94
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
5	1-Hexacosene	364	C26H52	018835-33-1	94





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
2-Pentanone, 4-...	4.910	27.4	ng	1562780	1	6.722	1140290	20.0
2-Pentanone, 4-...	5.728	2.1	ng	119363	1	6.722	1140290	20.0
Benzophenone	10.469	3.5	ng	309497	3	9.757	1748870	20.0
3-Eicosene, (E)-	13.757	6.2	ng	310800	5	13.874	998027	20.0