LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024548.D
Acq On : 06 May 2025 15:46
Operator : RC/JU
Sample : Q1937-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-D

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_P\Methods\8270E-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024548.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.875	298	304	314	rBV	168641	237598	3.17%	0.635%
2	5.334	375	382	396	rBV	1879035	2775469	37.05%	7.418%
3	6.899	640	648	669	rBV	1720682	2928540	39.10%	7.828%
4	7.705	778	785	795	rBV	622607	971643	12.97%	2.597%
5	8.852	972	980	997	rBV	1078062	1894547	25.29%	5.064%
6	10.475	1247	1256	1270	rBV	785260	1377245	18.39%	3.681%
7	12.951	1669	1677	1690	rBV	3057191	4497252	60.04%	12.021%
8	14.340	1906	1913	1921	rBV	1223410	1810556	24.17%	4.839%
9	15.722	2139	2148	2158	rBV	449473	647541	8.65%	1.731%
10	15.857	2163	2171	2181	rBV	2744826	3901004	52.08%	10.427%
11	17.133	2381	2388	2396	rBV2	1335756	2147315	28.67%	5.739%
12	18.069	2542	2547	2557	rBV	342015	634194	8.47%	1.695%
13	19.398	2770	2773	2784	rBV	78493	137924	1.84%	0.369%
14	19.857	2845	2851	2863	rBV	5716797	7490282	100.00%	20.020%
15	21.245	3083	3087	3098	rBV3	128823	318637	4.25%	0.852%
16	21.569	3136	3142	3157	rVB2	1554467	2715874	36.26%	7.259%
17	24.910	3701	3710	3724	rVB2	1021959	2927469	39.08%	7.825%

Sum of corrected areas: 37413090

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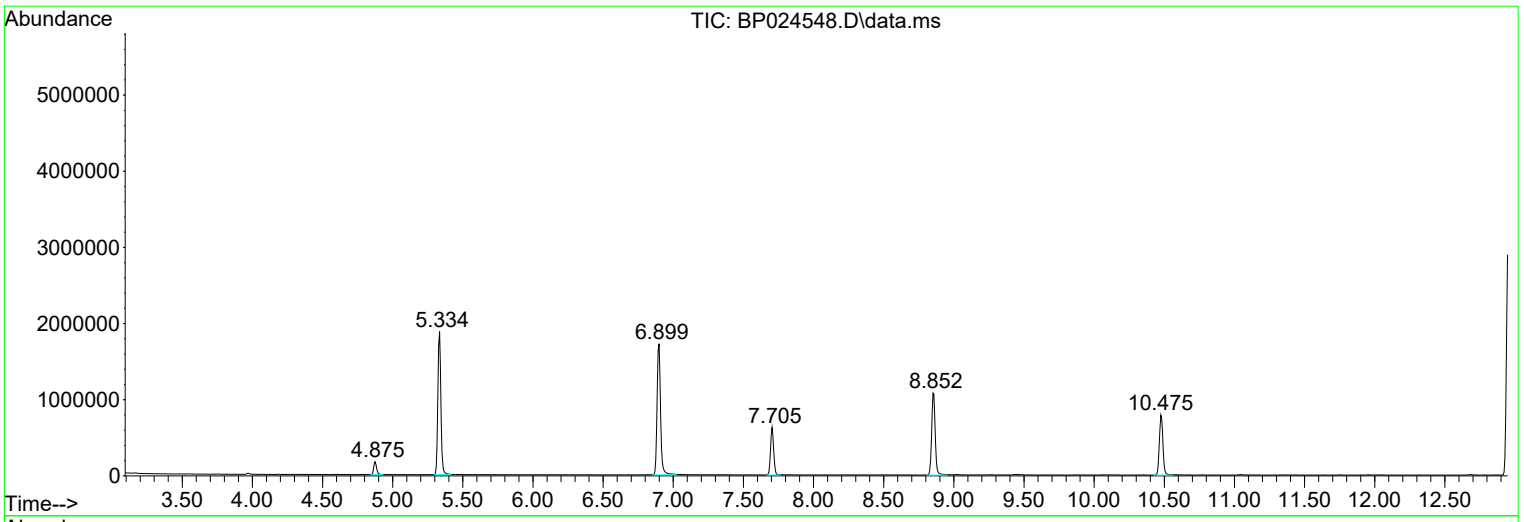
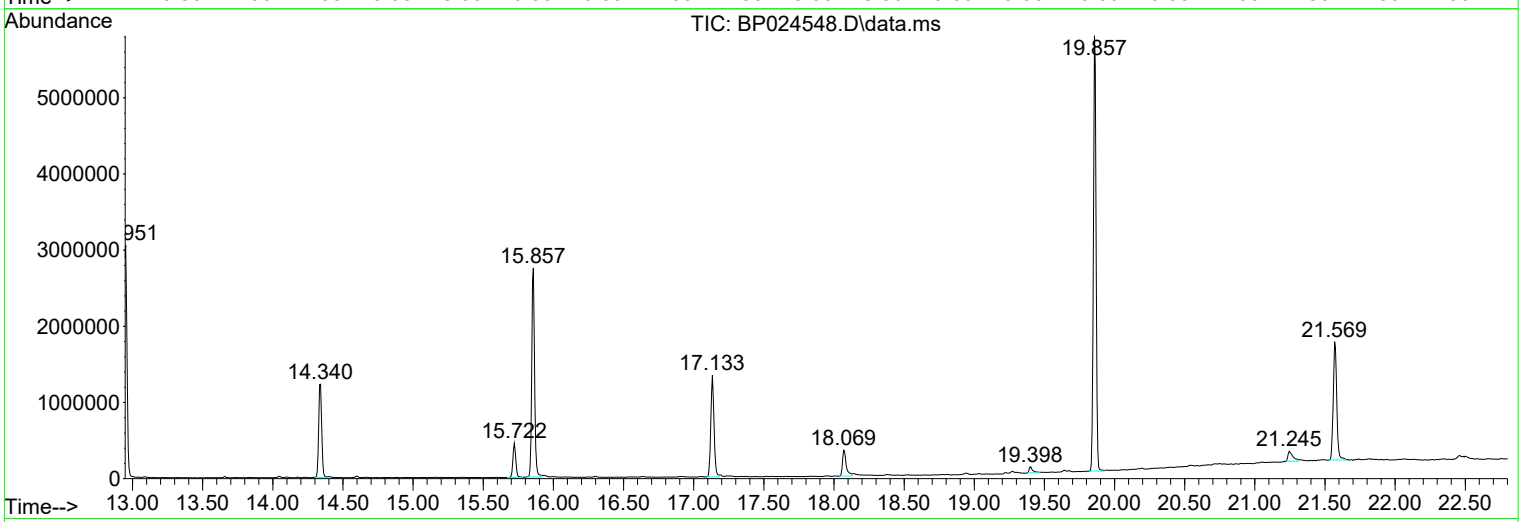
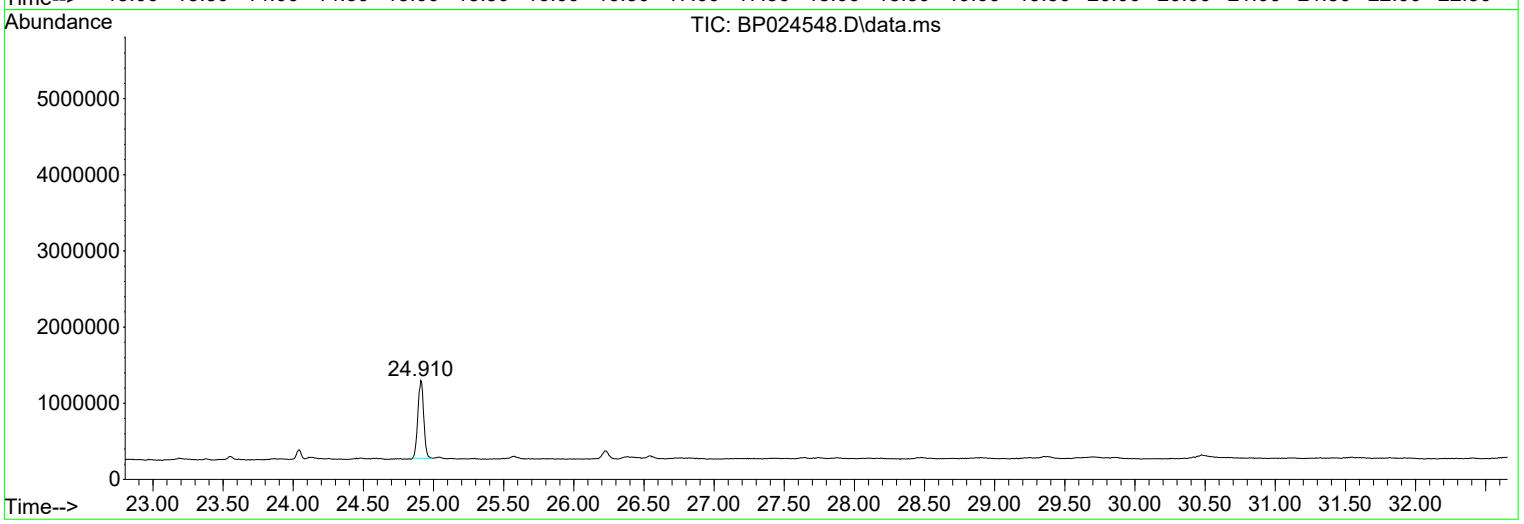
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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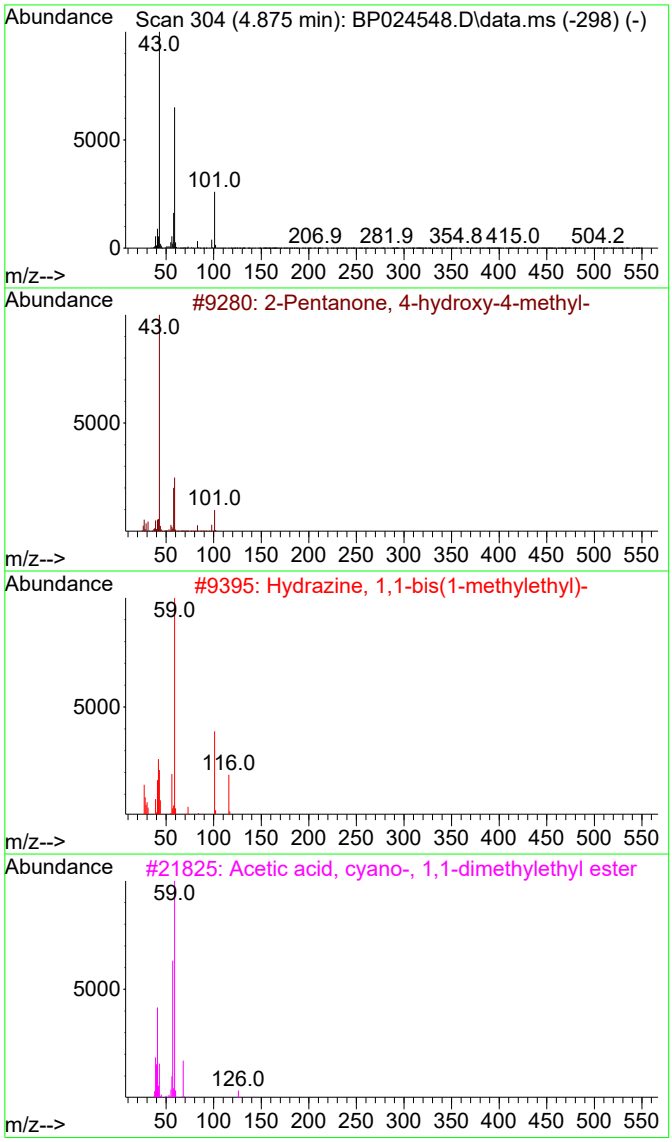
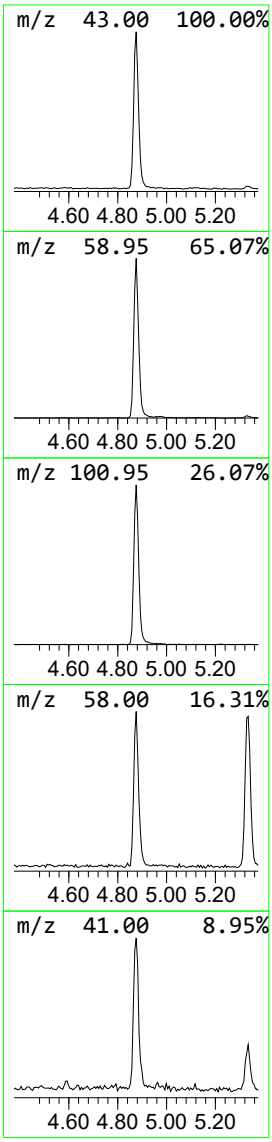
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.875	4.89 ng	237598	1,4-Dichlorobenzene-d4	7.705

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	17
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17





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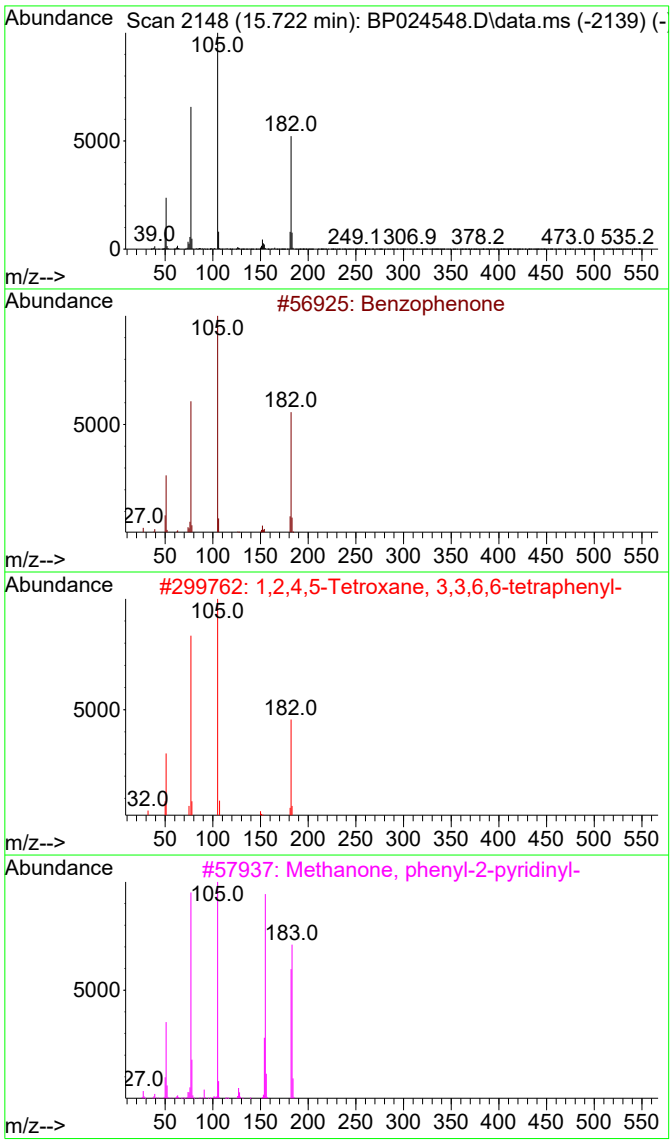
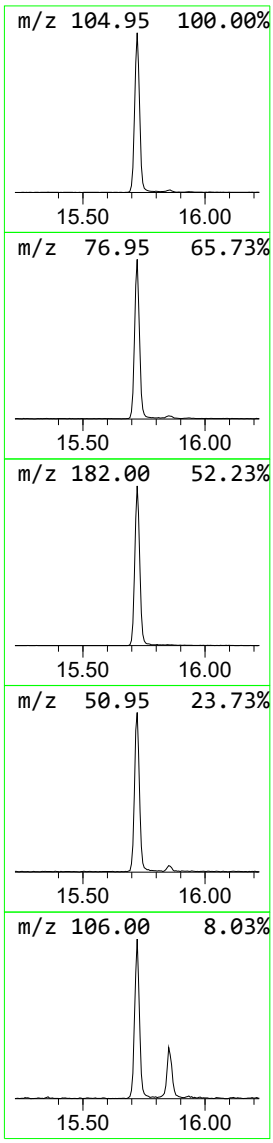
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.722	7.15 ng	647541	Acenaphthene-d10	14.334

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
4	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45
5	Azobenzene	182	C12H10N2	000103-33-3	45





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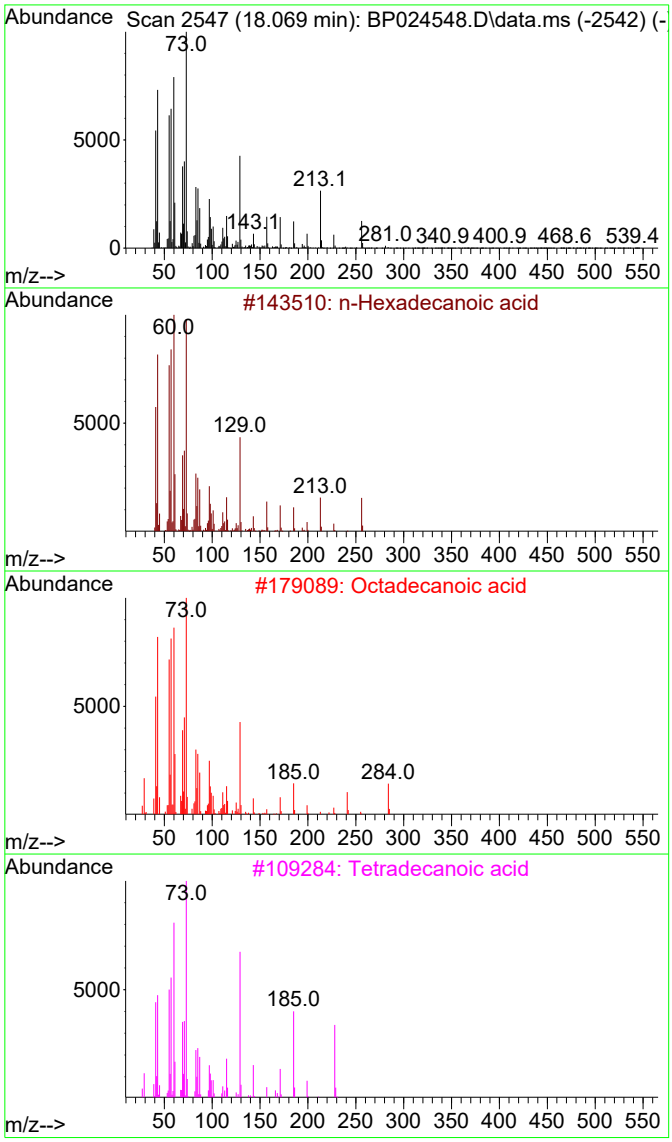
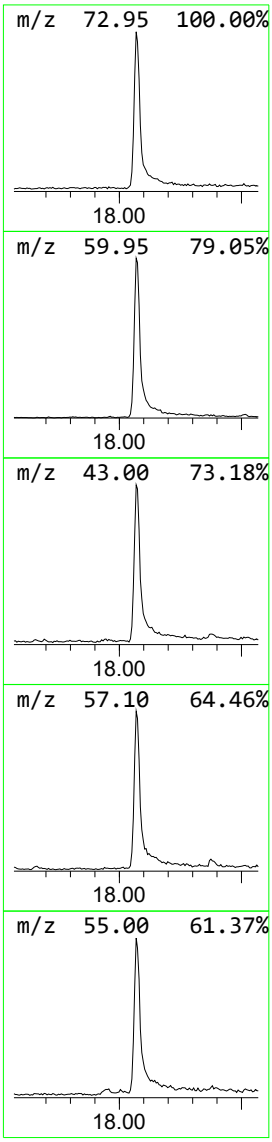
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.069	5.91 ng	634194	Phenanthrene-d10	17.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





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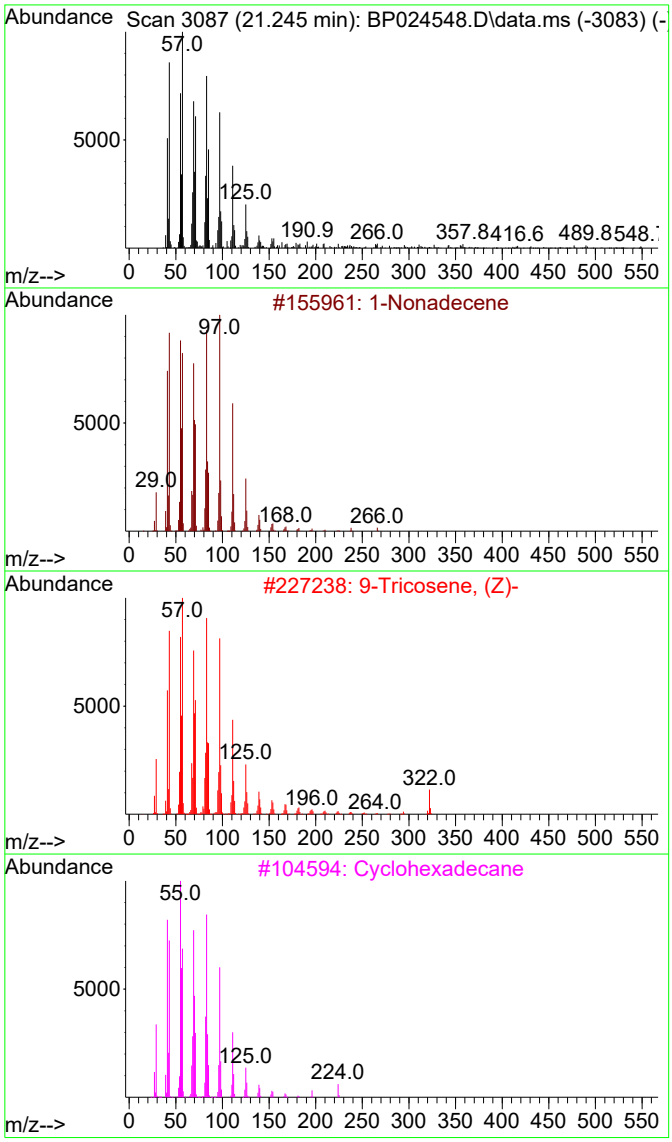
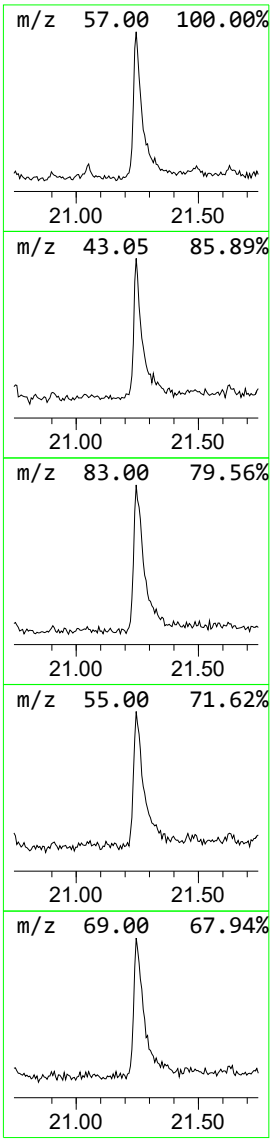
Peak Number 4 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.245	2.35 ng	318637	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	99
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	95
3	Cyclohexadecane	224	C16H32	000295-65-8	94
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





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-...	4.875	4.9	ng	237598	1	7.705	971643	20.0
Benzophenone	15.722	7.2	ng	647541	3	14.334	1810560	20.0
n-Hexadecanoic ...	18.069	5.9	ng	634194	4	17.134	2147320	20.0
1-Nonadecene	21.245	2.4	ng	318637	5	21.569	2715870	20.0