LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
Data File : BF142934.D
Acq On : 01 Jul 2025 00:45
Operator : RC/JU
Sample : Q2452-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-2

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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142934.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.087	484	492	508	rVB	76343	118515	8.64%	1.307%
2	5.493	555	561	578	rVB	881895	1144507	83.40%	12.624%
3	6.504	727	733	750	rVB	839499	1173082	85.48%	12.939%
4	6.869	790	795	802	rBV	266542	337741	24.61%	3.725%
5	7.116	833	837	846	rVV2	10031	14432	1.05%	0.159%
6	7.434	881	891	896	rBV	576334	780463	56.87%	8.609%
7	7.640	920	926	931	rBV	25601	32063	2.34%	0.354%
8	7.828	951	958	965	rBV3	13885	25014	1.82%	0.276%
9	7.892	965	969	973	rBV	25938	35162	2.56%	0.388%
10	8.157	1005	1014	1019	rBV	347143	460904	33.59%	5.084%
11	8.728	1105	1111	1118	rVB3	13183	17285	1.26%	0.191%
12	9.234	1191	1197	1202	rBV	1093764	1372268	100.00%	15.136%
13	9.910	1307	1312	1321	rVB	338710	431822	31.47%	4.763%
14	10.628	1428	1434	1439	rBV	53620	66877	4.87%	0.738%
15	10.704	1441	1447	1456	rBV	545031	692941	50.50%	7.643%
16	11.404	1560	1566	1571	rBV	286496	363214	26.47%	4.006%
17	11.922	1650	1654	1670	rBV2	59154	101254	7.38%	1.117%
18	12.986	1830	1835	1840	rBV	791959	989557	72.11%	10.915%
19	13.880	1982	1987	2002	rBV	42457	90402	6.59%	0.997%
20	14.045	2010	2015	2024	rVB	263593	339421	24.73%	3.744%
21	14.139	2026	2031	2038	rVV	49357	67252	4.90%	0.742%
22	14.510	2089	2094	2106	rBV8	7945	24027	1.75%	0.265%
23	15.539	2263	2269	2280	rBV	241833	372674	27.16%	4.111%
24	16.068	2354	2359	2365	rBV7	5472	15174	1.11%	0.167%

Sum of corrected areas: 9066051

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Instrument :
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ClientSampleId :
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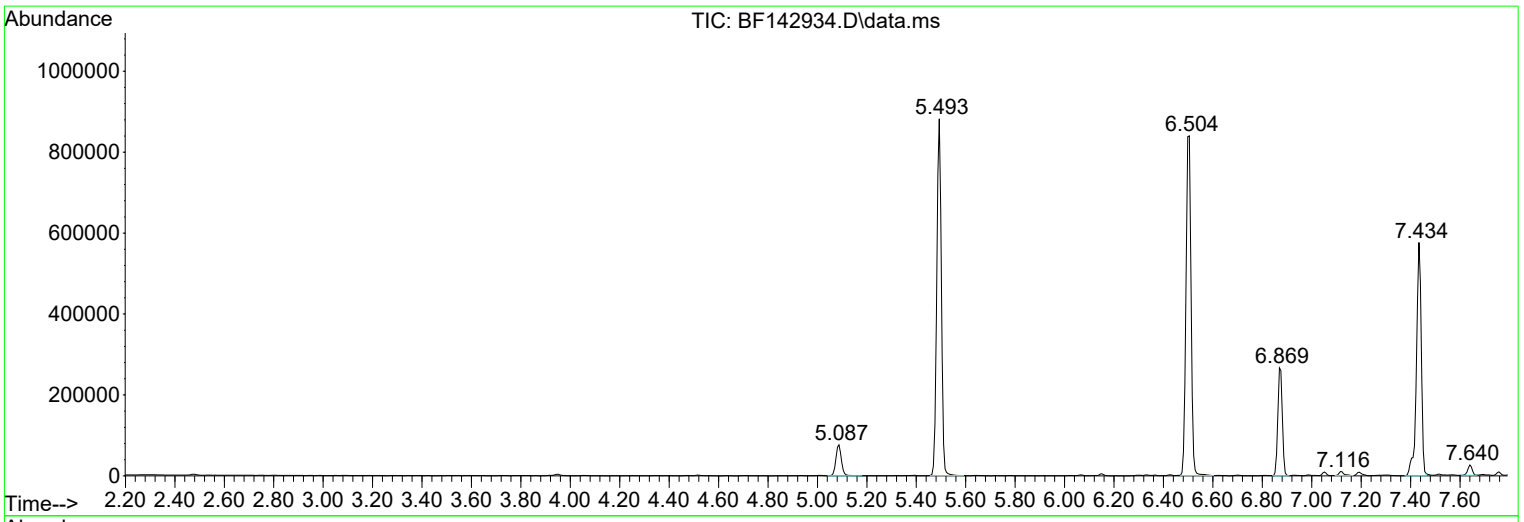
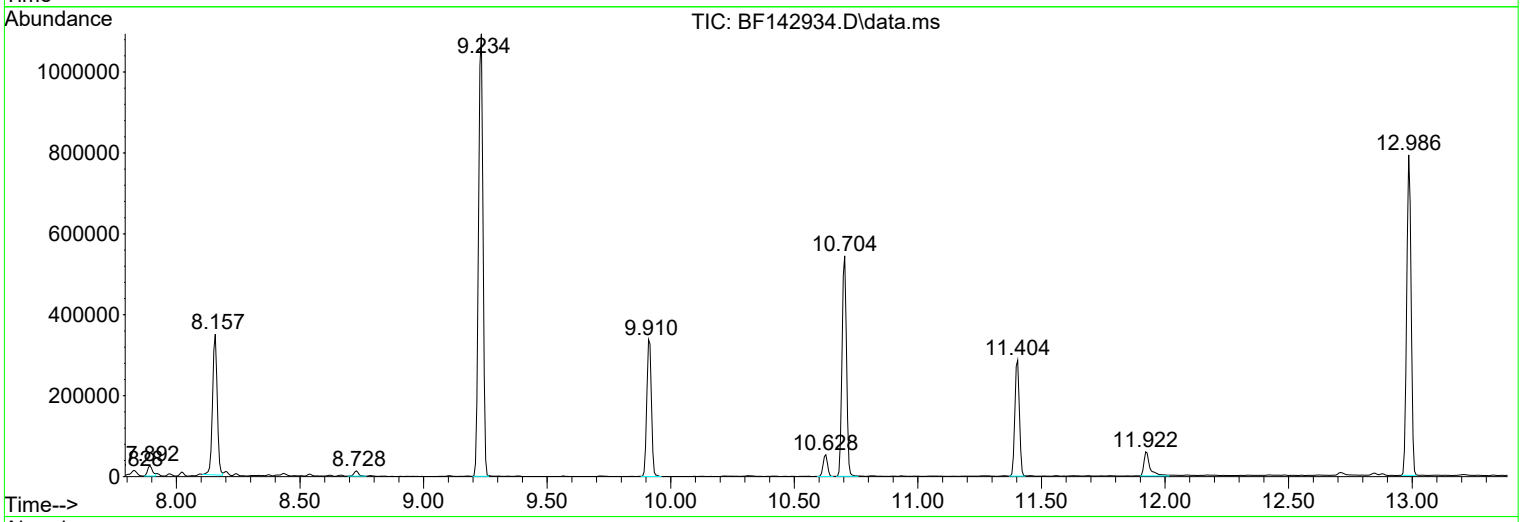
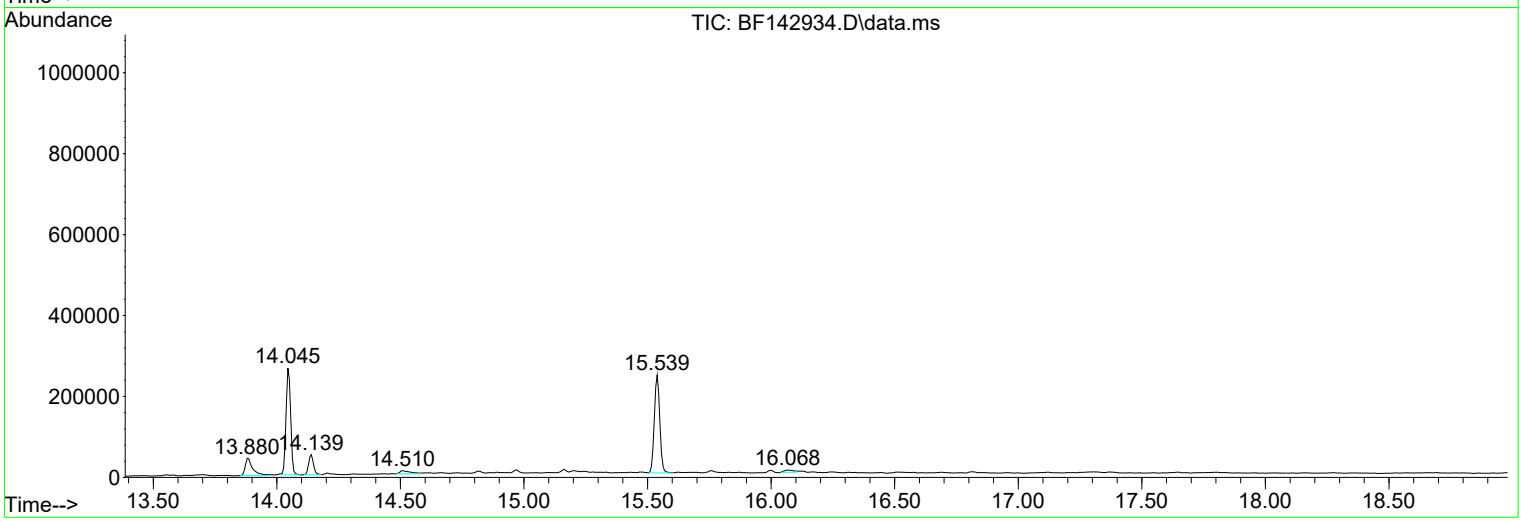
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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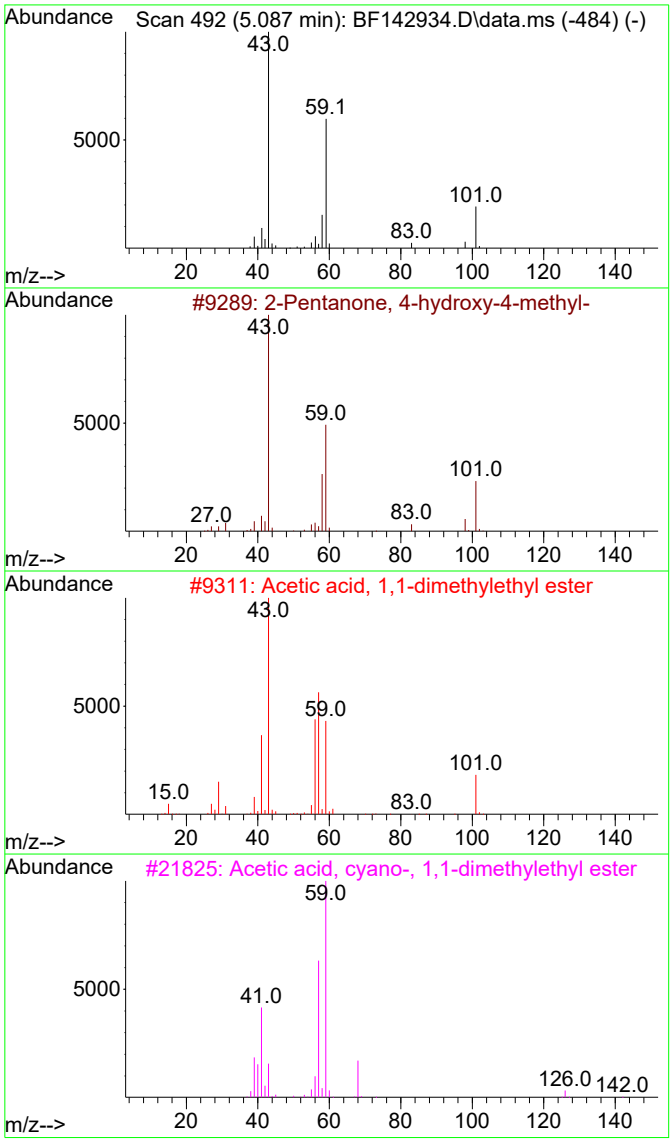
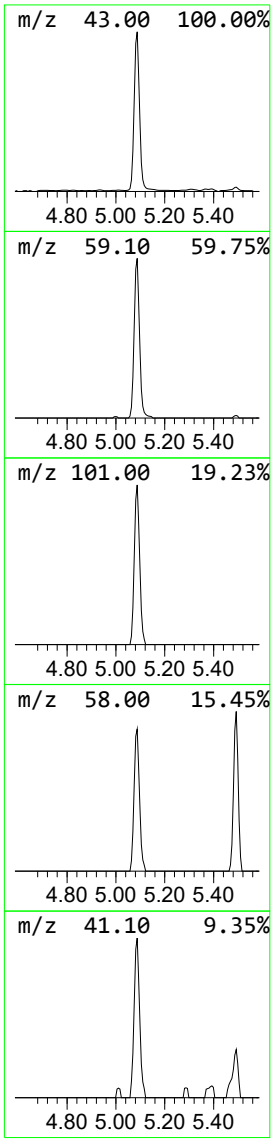
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	7.02 ng	118515	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
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	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Instrument :
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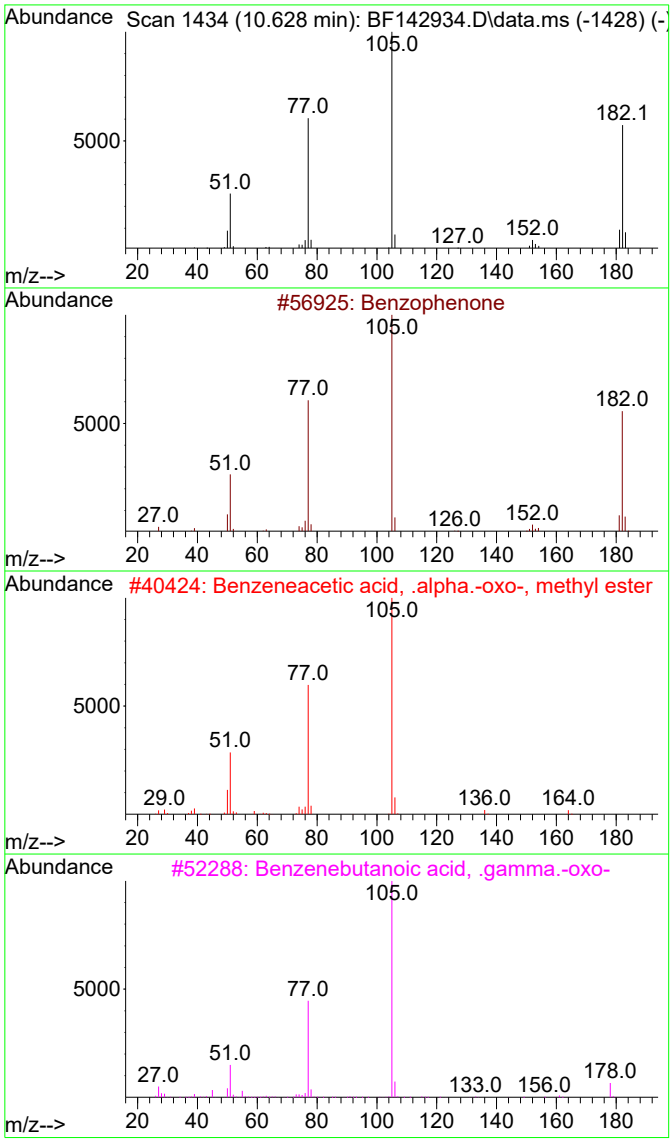
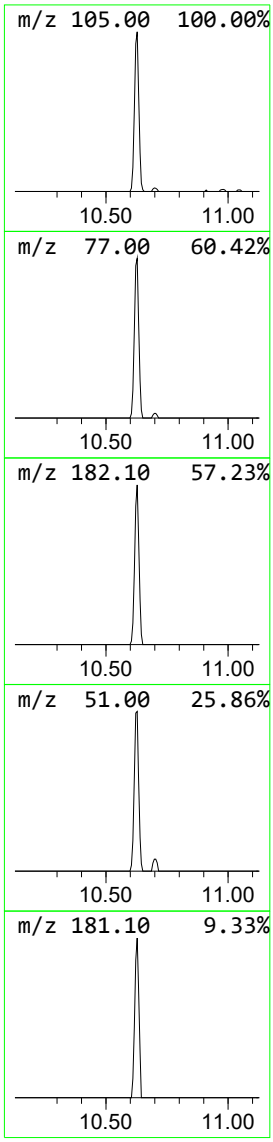
Peak Number 2 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	3.10 ng	66877	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47
3	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
4	2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47
5	acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	47





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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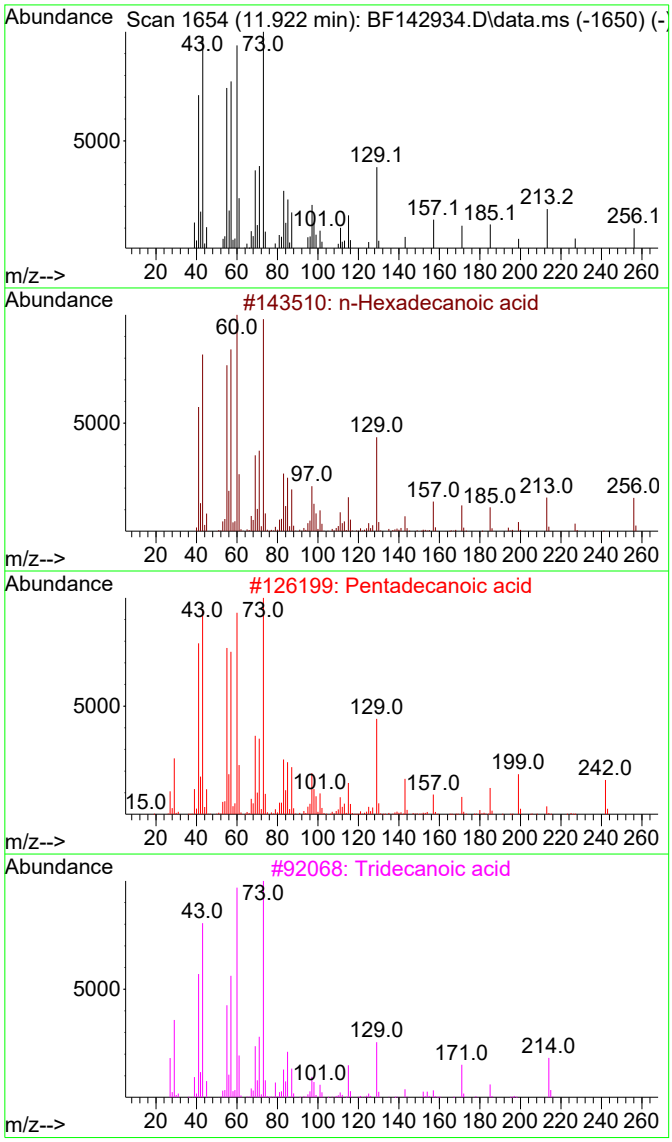
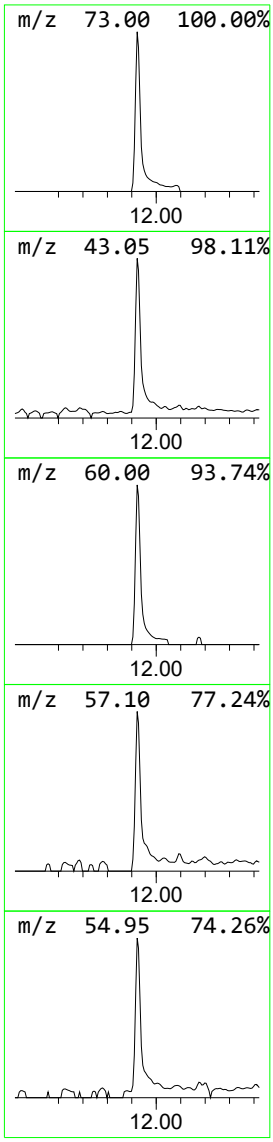
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	5.58 ng	101254	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	5-Methyloctanoic acid	158	C9H18O2	060218-42-0	38





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Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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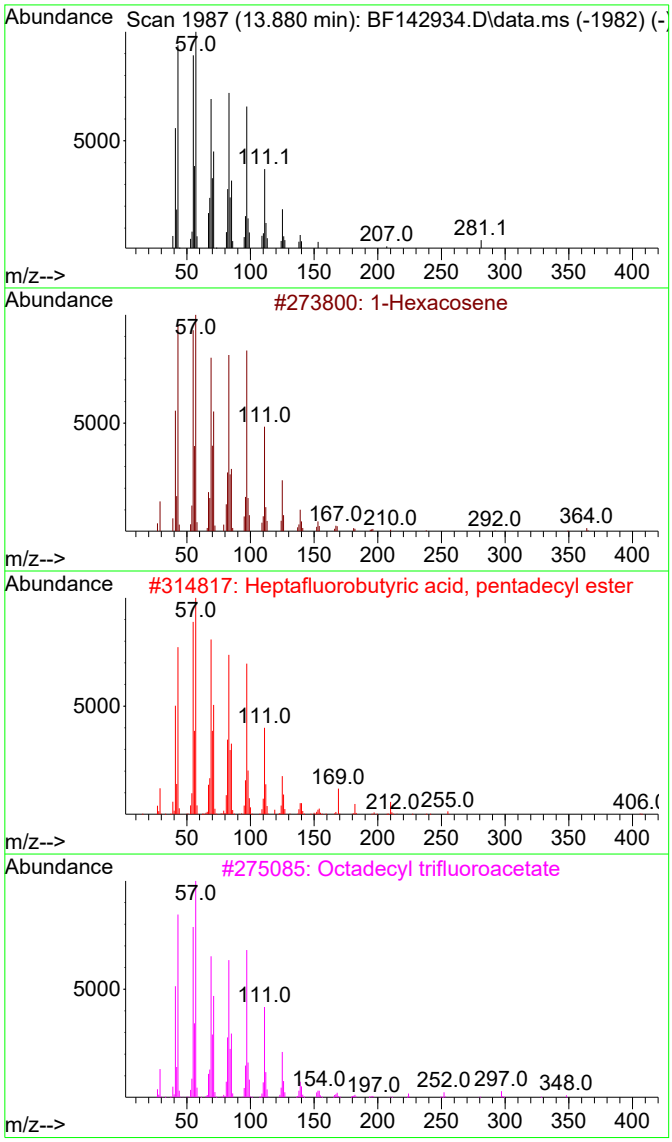
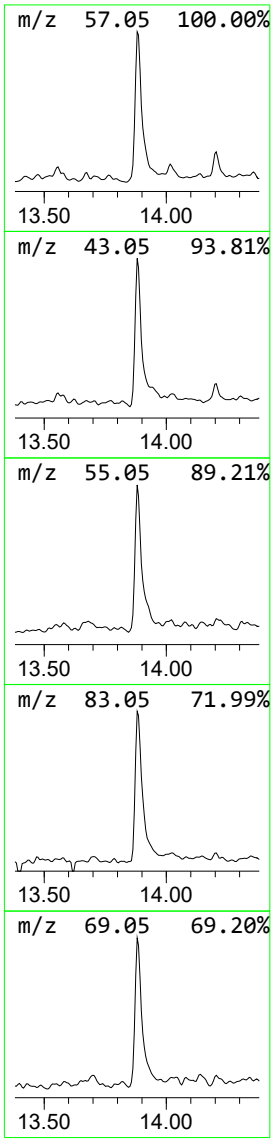
Peak Number 4 1-Hexacosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	5.33 ng	90402	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	95
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	95
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	95
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	95
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	95





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ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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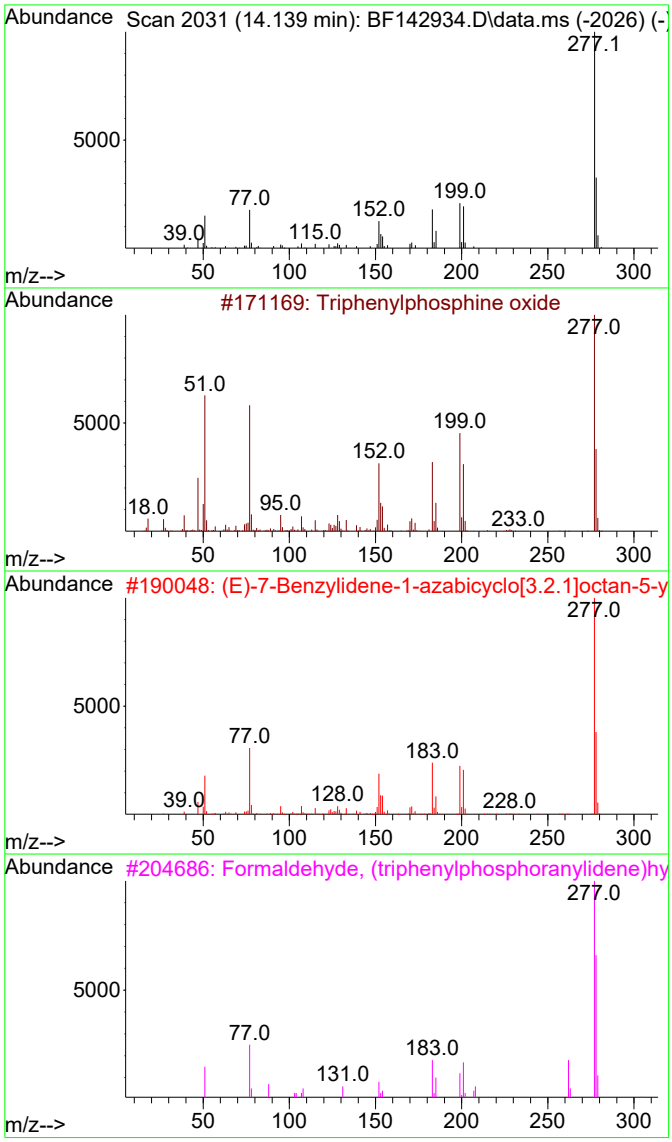
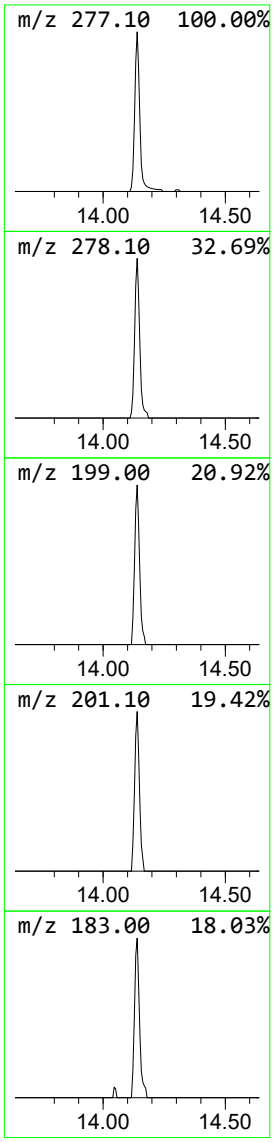
Peak Number 5 Triphenylphosphine oxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.139	3.96 ng	67252	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	47
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	45
4	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	33
5	Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	25





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-...	5.087	7.0	ng	118515	1	6.875	337741	20.0
Benzophenone	10.628	3.1	ng	66877	3	9.910	431822	20.0
n-Hexadecanoic ...	11.922	5.6	ng	101254	4	11.404	363214	20.0
1-Hexacosene	13.880	5.3	ng	90402	5	14.045	339421	20.0
Triphenylphosph...	14.139	4.0	ng	67252	5	14.045	339421	20.0