LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
Data File : BF142570.D
Acq On : 30 May 2025 15:21
Operator : RC/JU
Sample : Q2150-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-54

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-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142570.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.304	13	19	31	rBV2	25126	45043	1.48%	0.212%
2	5.122	489	498	506	rBV	192771	301649	9.94%	1.421%
3	5.516	559	565	570	rBV	1915484	2596113	85.53%	12.233%
4	6.522	729	736	741	rVB	1881074	2685951	88.49%	12.656%
5	6.898	795	800	805	rBV	540480	664947	21.91%	3.133%
6	7.457	889	895	900	rBV	1274566	1700937	56.04%	8.015%
7	7.710	934	938	947	rVB	31521	41540	1.37%	0.196%
8	8.181	1012	1018	1023	rBV	686761	858279	28.28%	4.044%
9	9.257	1195	1201	1206	rBV	2365398	3035149	100.00%	14.301%
10	9.933	1311	1316	1326	rBV	750939	958238	31.57%	4.515%
11	10.651	1433	1438	1445	rBV	246638	303148	9.99%	1.428%
12	10.727	1445	1451	1456	rBV	1630652	2127815	70.11%	10.026%
13	11.422	1564	1569	1575	rBV	693882	905627	29.84%	4.267%
14	11.951	1653	1659	1679	rBV	391813	626761	20.65%	2.953%
15	12.651	1772	1778	1786	rBV6	12813	34081	1.12%	0.161%
16	12.733	1787	1792	1805	rVV	73858	127848	4.21%	0.602%
17	13.010	1834	1839	1844	rBV	2001553	2583432	85.12%	12.173%
18	13.904	1986	1991	2007	rBV	133859	260305	8.58%	1.227%
19	14.068	2011	2019	2028	rVV	434334	580839	19.14%	2.737%
20	14.533	2094	2098	2111	rBV3	20345	48772	1.61%	0.230%
21	14.921	2160	2164	2170	rVB	60418	83775	2.76%	0.395%
22	15.562	2267	2273	2282	rBV	380488	601105	19.80%	2.832%
23	16.098	2359	2364	2372	rBV5	15604	51647	1.70%	0.243%

Sum of corrected areas: 21223001

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Instrument :
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ClientSampleId :
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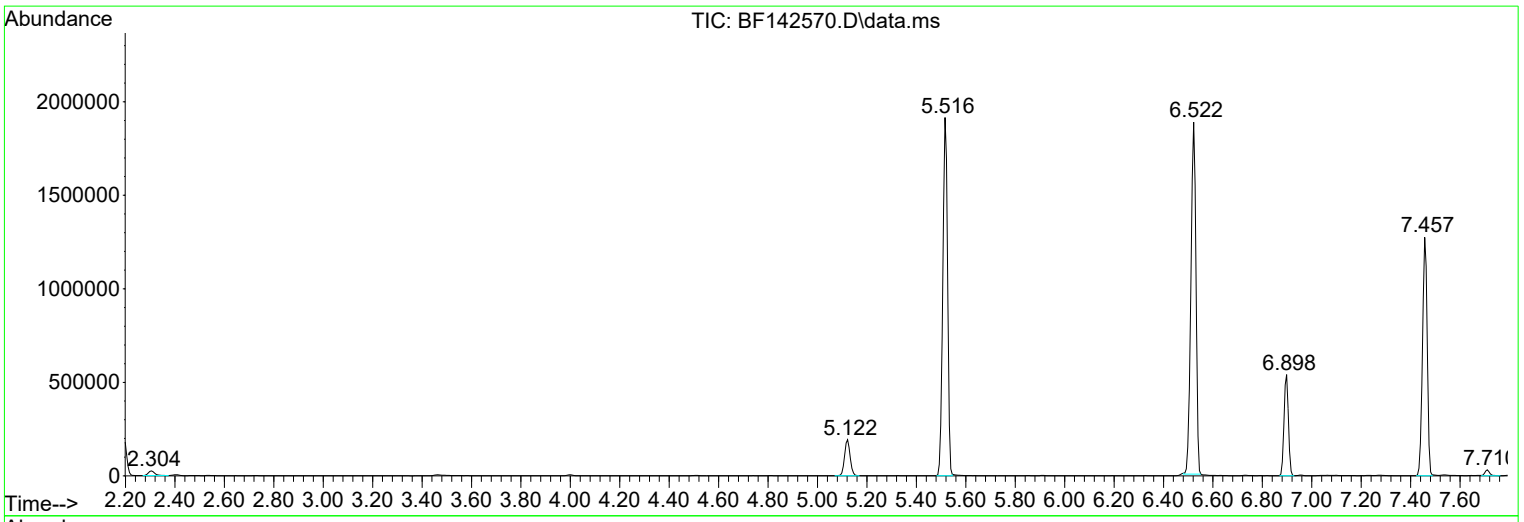
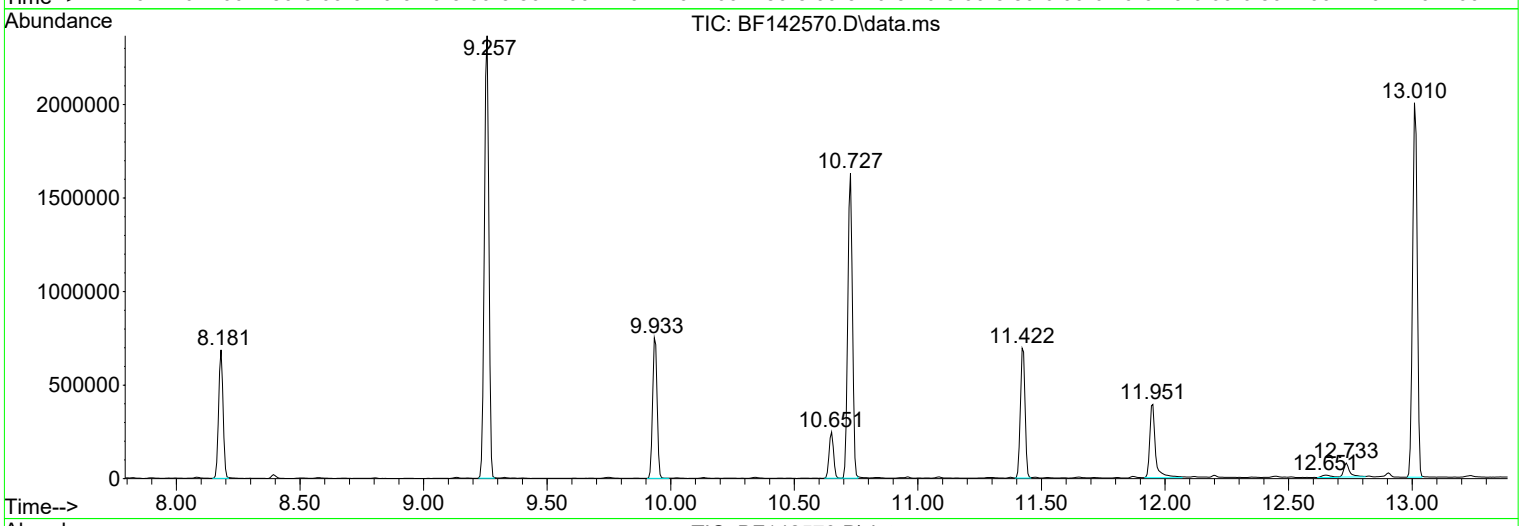
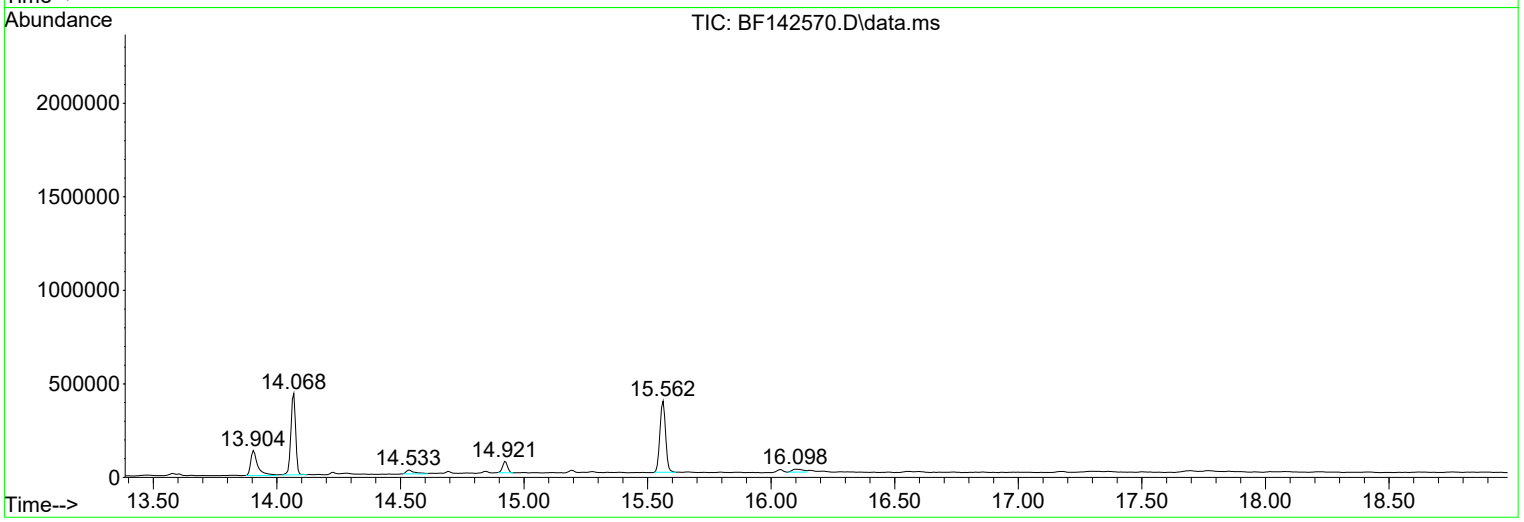
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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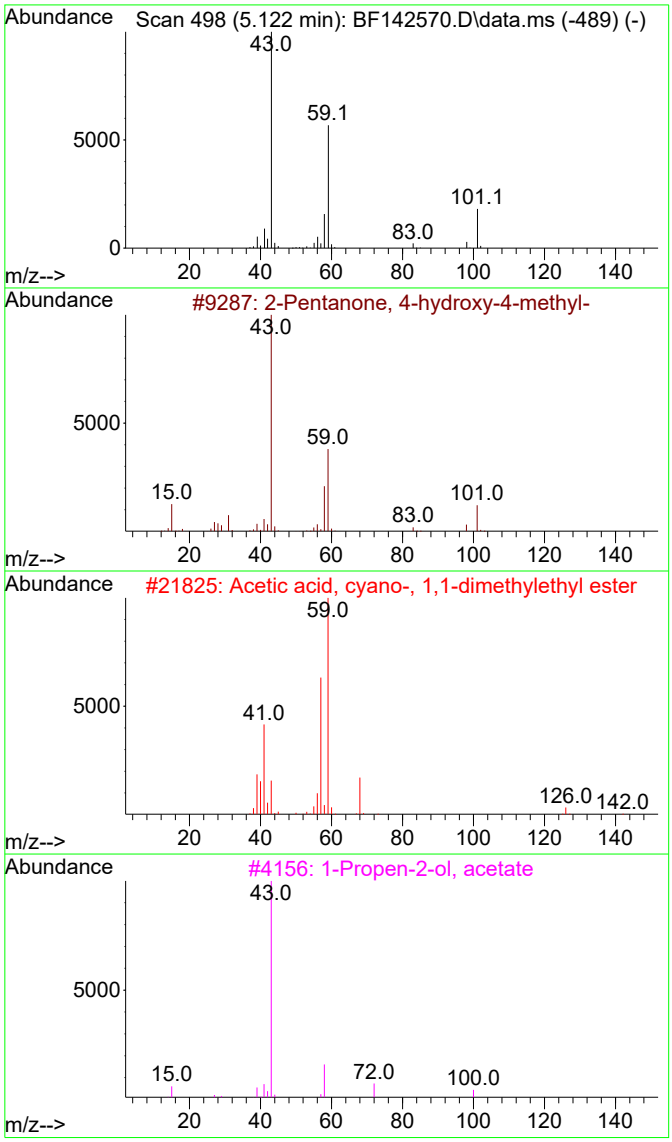
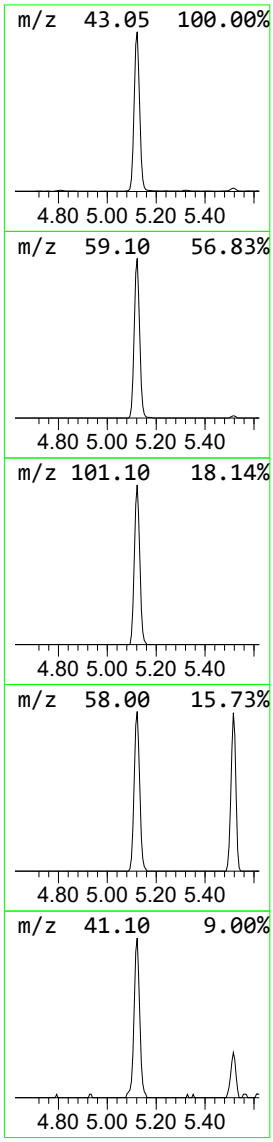
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.122	9.07 ng	301649	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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TIC Library : C:\Database\NIST20.L
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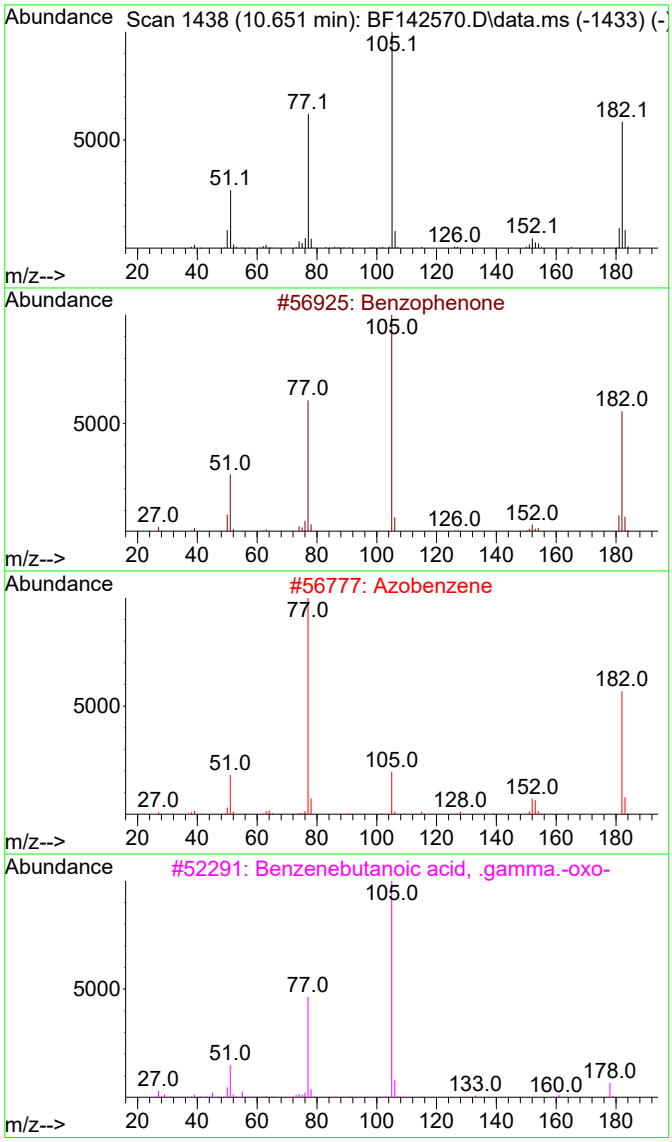
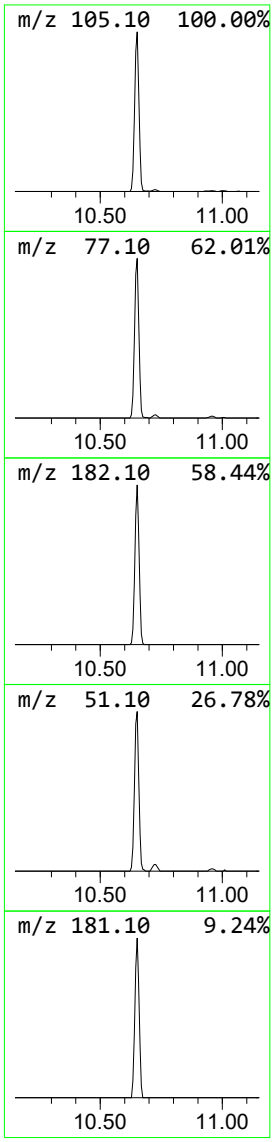
Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.651	6.33 ng	303148	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
4	Vinyl benzoate	148	C9H8O2	000769-78-8	47
5	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47





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Operator : RC/JU
Sample : Q2150-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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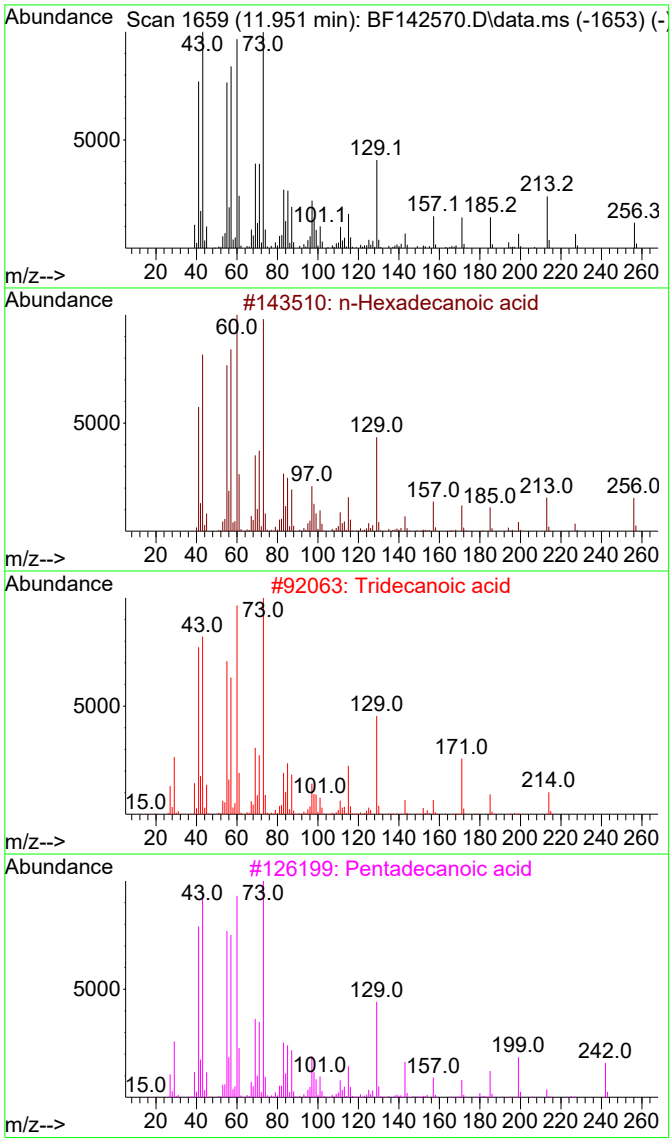
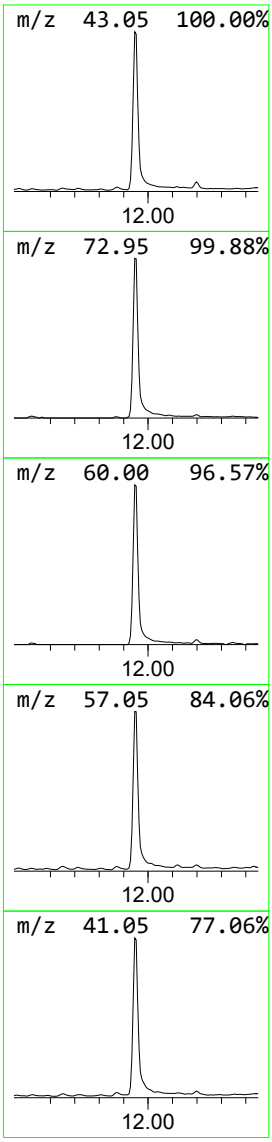
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	13.84 ng	626761	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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Acq On : 30 May 2025 15:21
Operator : RC/JU
Sample : Q2150-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
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TIC Integration Parameters: LSCINT.P

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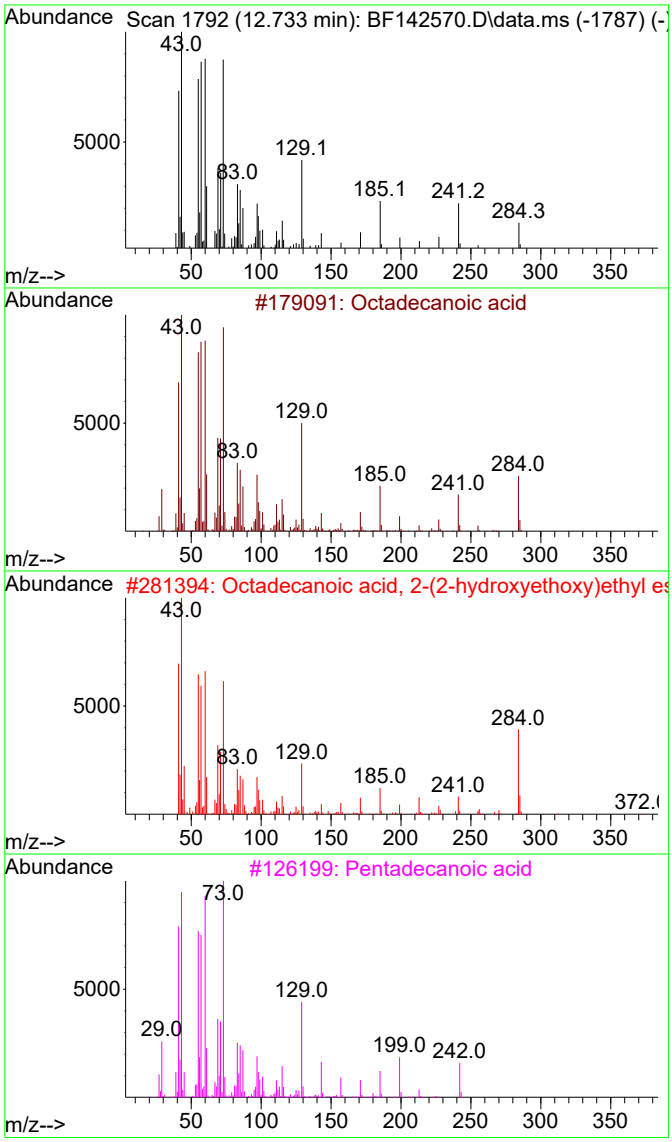
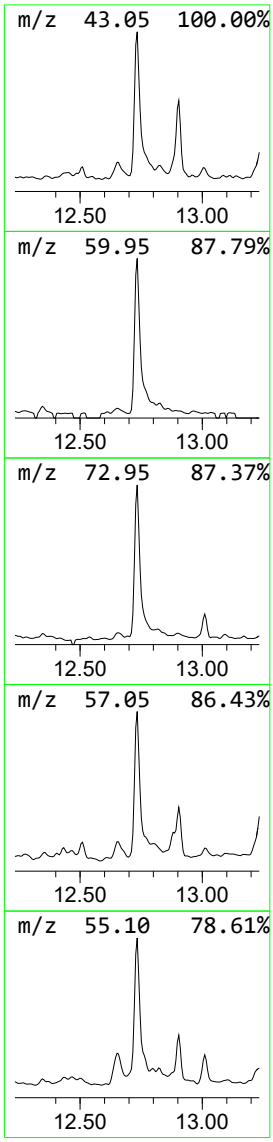
Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	2.82 ng	127848	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





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ALS Vial : 6 Sample Multiplier: 1

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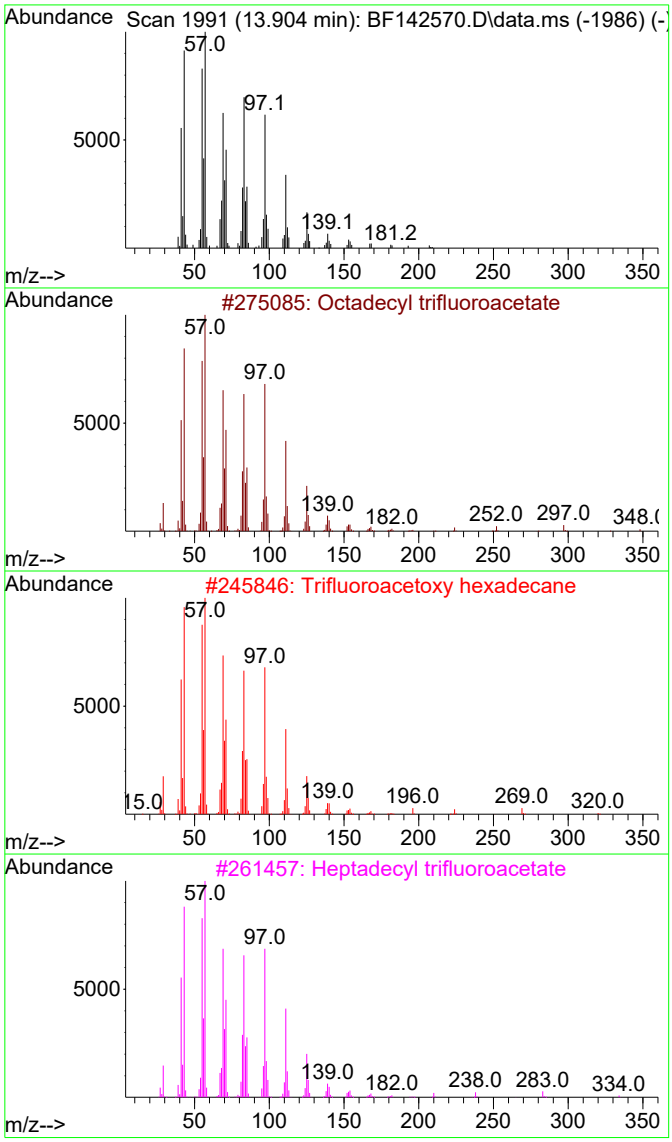
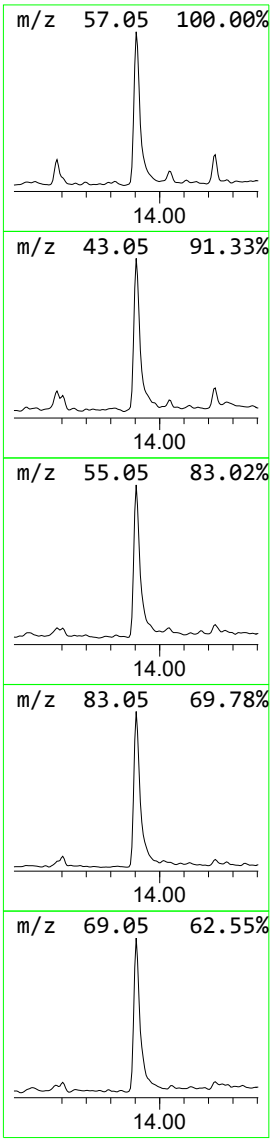
Peak Number 5 Octadecyl trifluoroacetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	8.96 ng	260305	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	93





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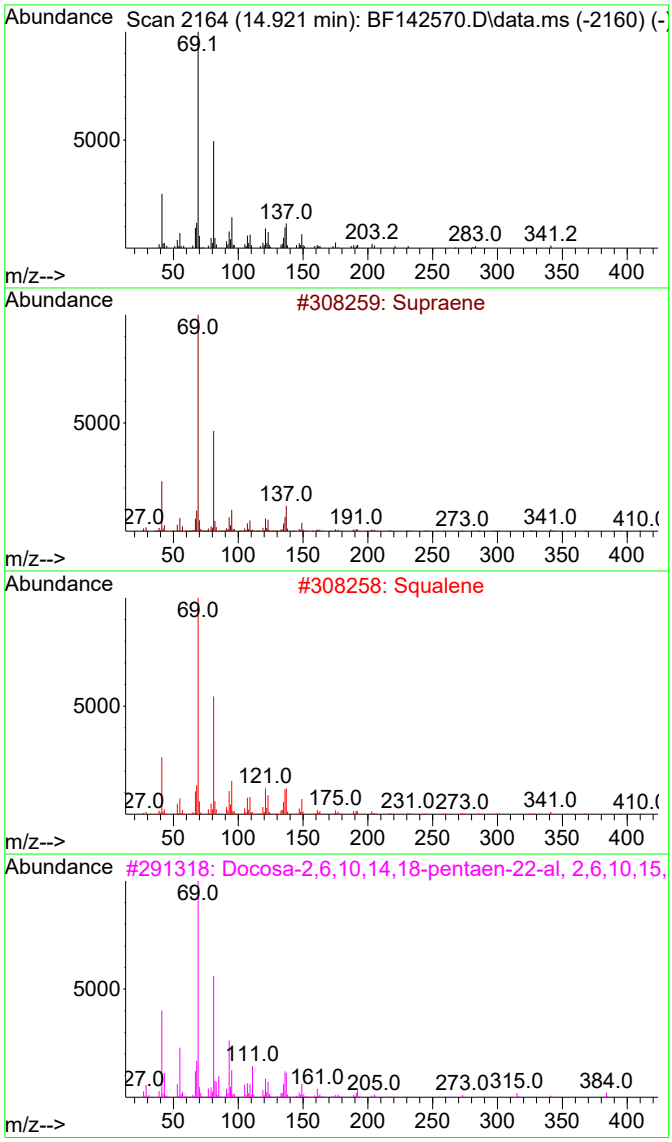
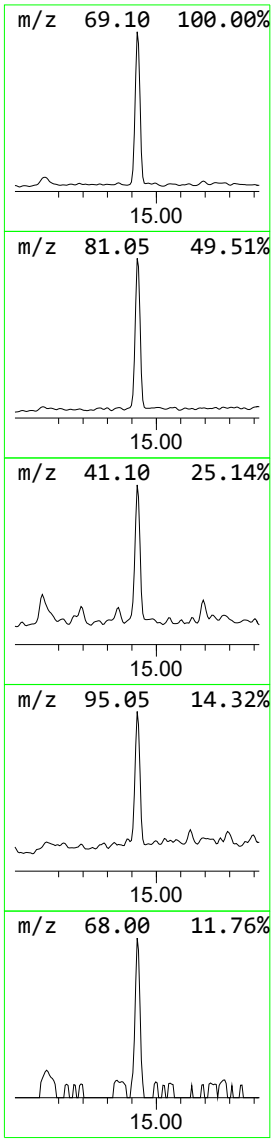
Peak Number 6 Supraene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.921	2.79 ng	83775	Perylene-d12	15.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	91
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	90
4	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	87
5	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	83





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-...	5.122	9.1	ng	301649	1	6.898	664947	20.0
Benzophenone	10.651	6.3	ng	303148	3	9.933	958238	20.0
n-Hexadecanoic ...	11.951	13.8	ng	626761	4	11.422	905627	20.0
Octadecanoic acid	12.733	2.8	ng	127848	4	11.422	905627	20.0
Octadecyl trifl...	13.904	9.0	ng	260305	5	14.068	580839	20.0
Supraene	14.921	2.8	ng	83775	6	15.563	601105	20.0