LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033125\
Data File : BF142190.D
Acq On : 31 Mar 2025 19:56
Operator : RC/JU
Sample : Q1664-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-007-01

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-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142190.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	3	9	21	rVB	1104834	1779537	41.01%	6.464%
2	5.092	499	510	524	rBV	183868	318355	7.34%	1.156%
3	5.487	570	577	582	rBV	2396187	3337442	76.92%	12.123%
4	6.492	741	748	753	rBV	2511443	3657269	84.29%	13.285%
5	6.863	806	811	819	rBV	567564	708722	16.33%	2.574%
6	7.428	900	907	917	rBV	1726577	2354976	54.27%	8.554%
7	8.145	1024	1029	1048	rBV	698798	935673	21.56%	3.399%
8	9.222	1206	1212	1222	rBV	3390578	4339086	100.00%	15.762%
9	9.904	1320	1328	1342	rBV	740440	967418	22.30%	3.514%
10	10.616	1444	1449	1456	rBV	357687	454976	10.49%	1.653%
11	10.692	1456	1462	1477	rVV	1935463	2513578	57.93%	9.130%
12	10.810	1477	1482	1489	rVB3	26080	48030	1.11%	0.174%
13	11.386	1575	1580	1589	rBV	634897	865854	19.95%	3.145%
14	11.910	1665	1669	1684	rBV3	38573	88300	2.03%	0.321%
15	12.974	1844	1850	1863	rBV	2561342	3315157	76.40%	12.042%
16	13.868	1997	2002	2019	rBV	107071	234490	5.40%	0.852%
17	14.033	2022	2030	2039	rVV	482142	698128	16.09%	2.536%
18	14.786	2154	2158	2168	rBV4	25741	54890	1.27%	0.199%
19	15.504	2274	2280	2291	rBV	477009	798944	18.41%	2.902%
20	16.033	2365	2370	2379	rBV7	18323	58691	1.35%	0.213%

Sum of corrected areas: 27529516

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ClientSampleId :
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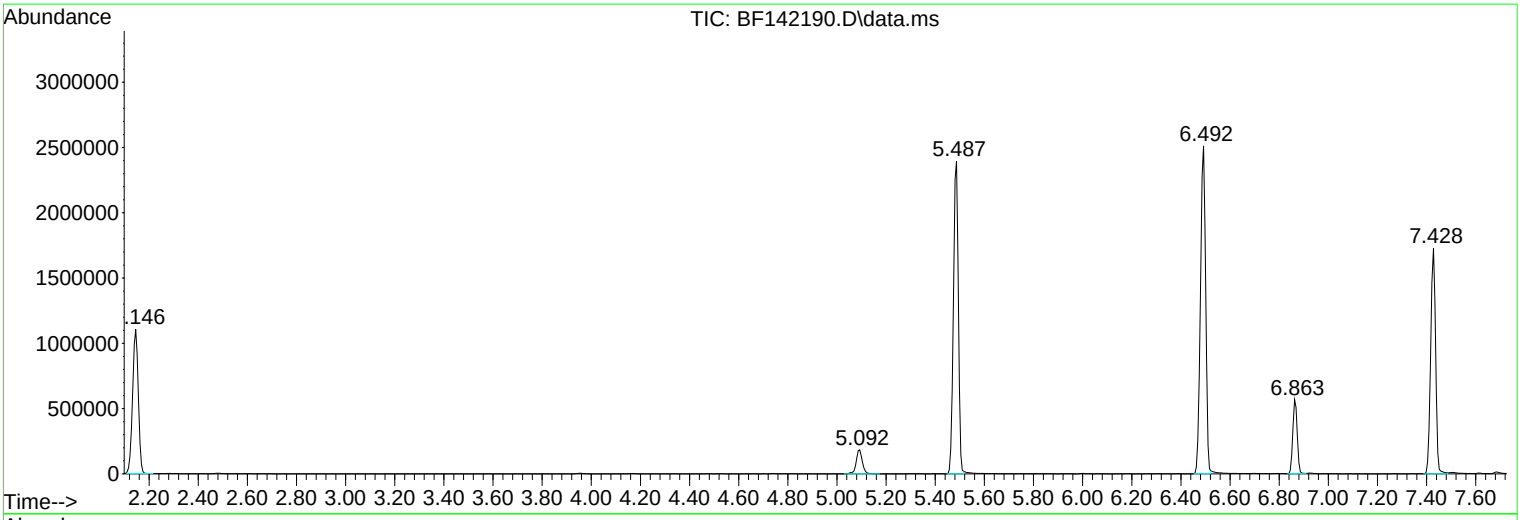
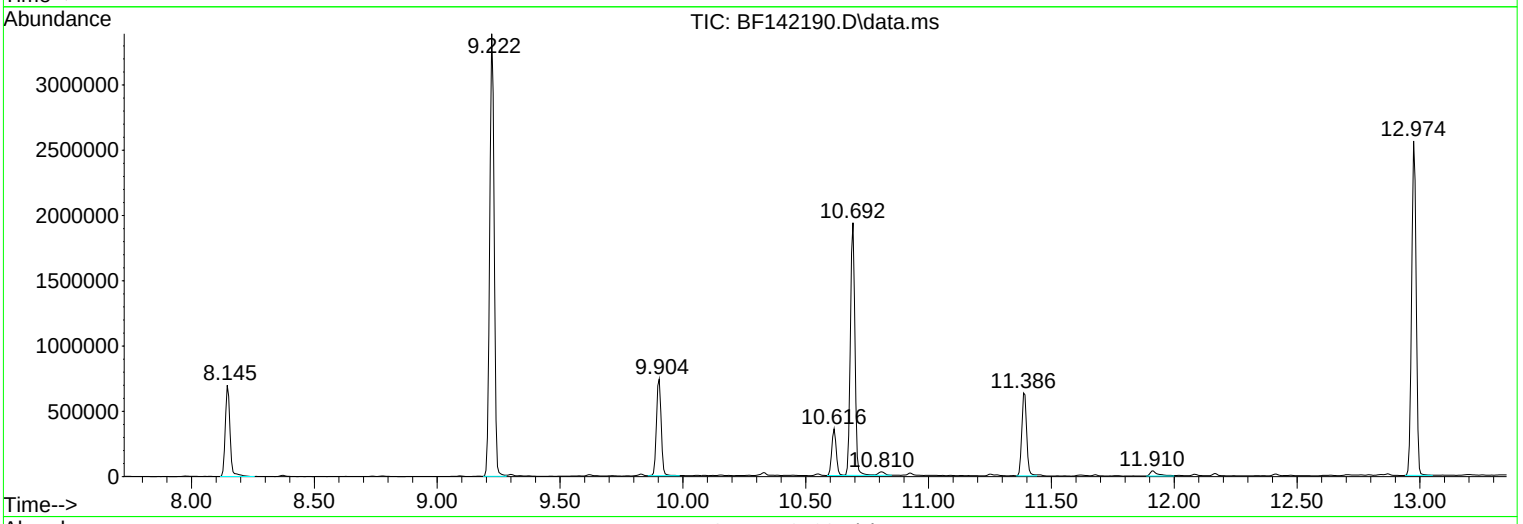
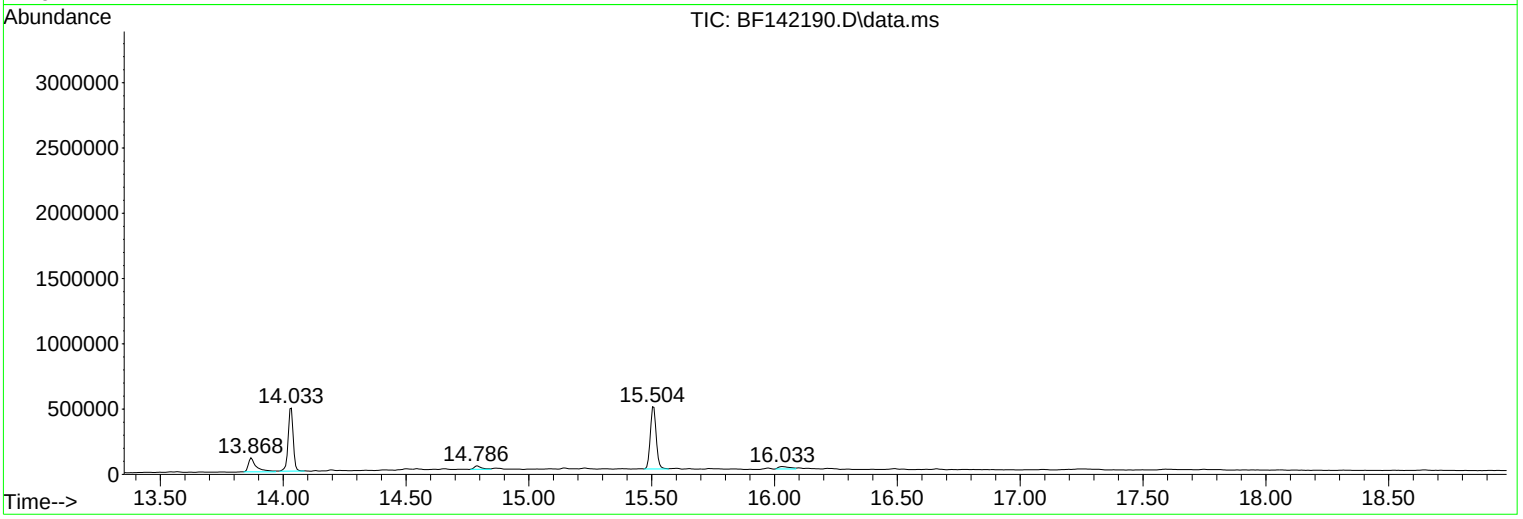
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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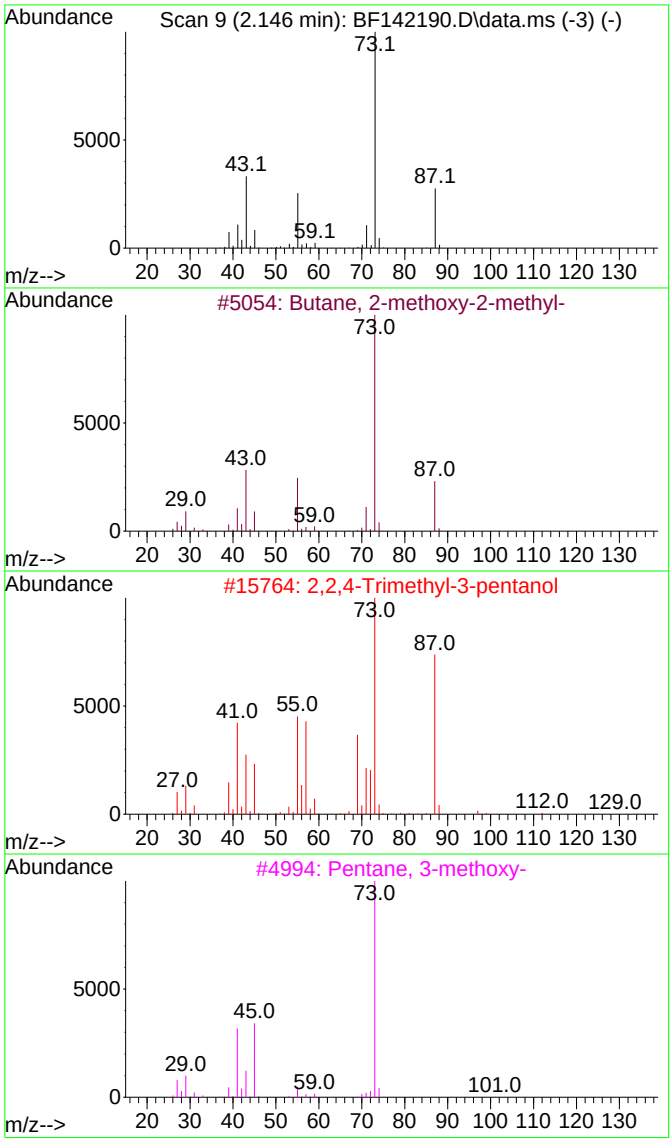
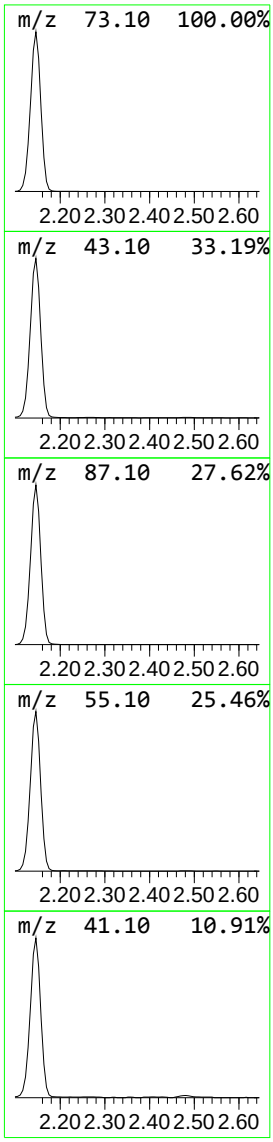
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.146	50.22 ng	1779540	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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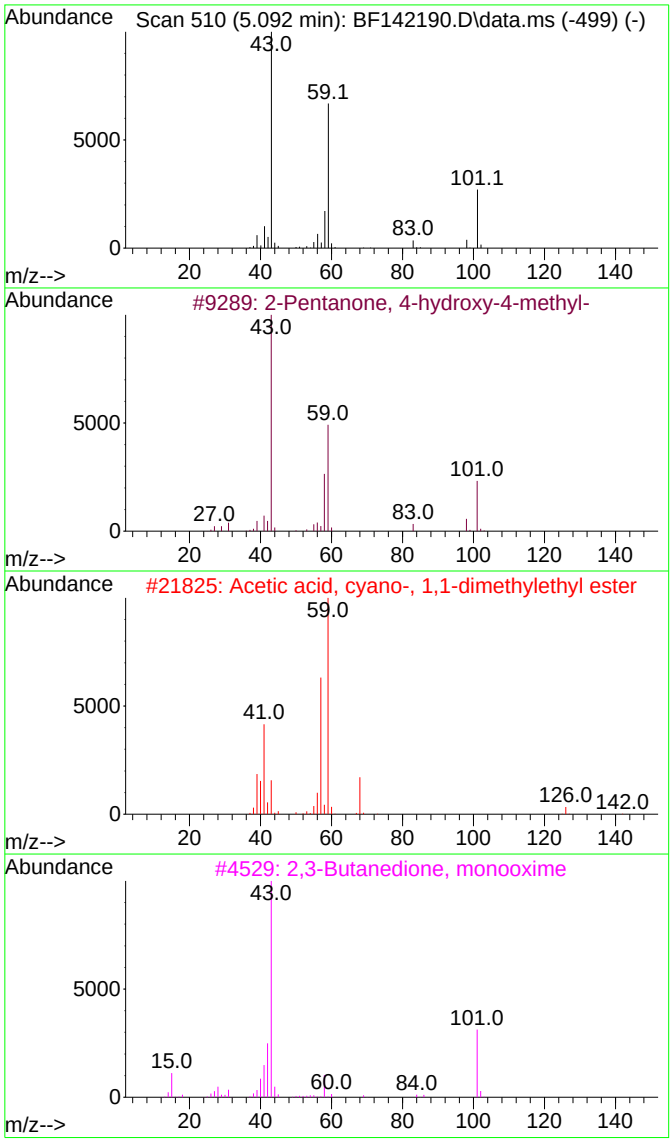
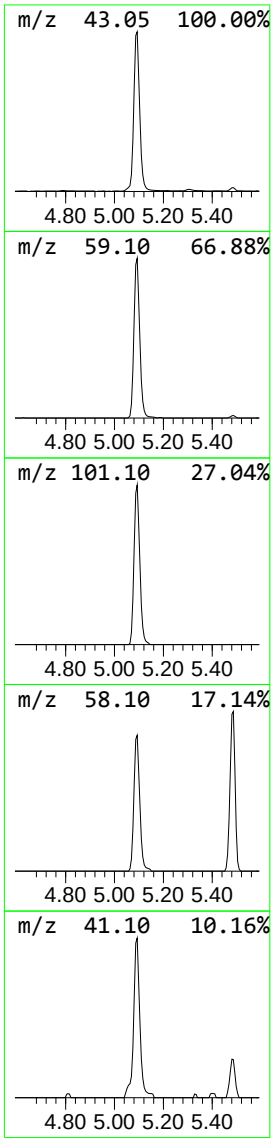
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.092	8.98 ng	318355	1,4-Dichlorobenzene-d4	6.863

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Acetone	58	C3H6O	000067-64-1	10
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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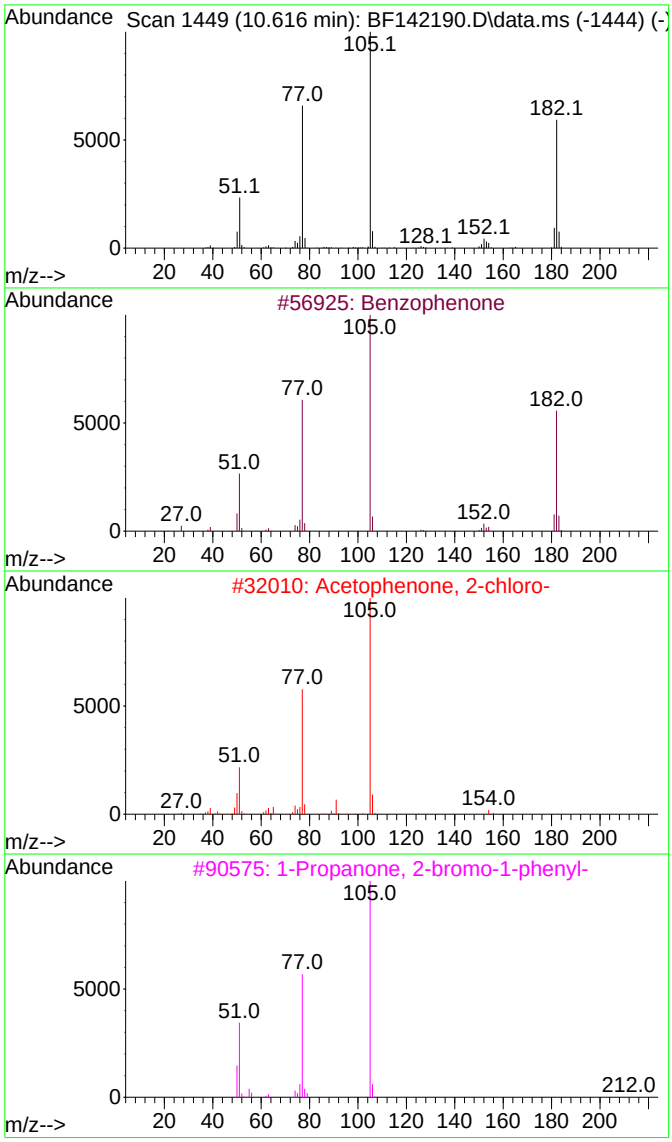
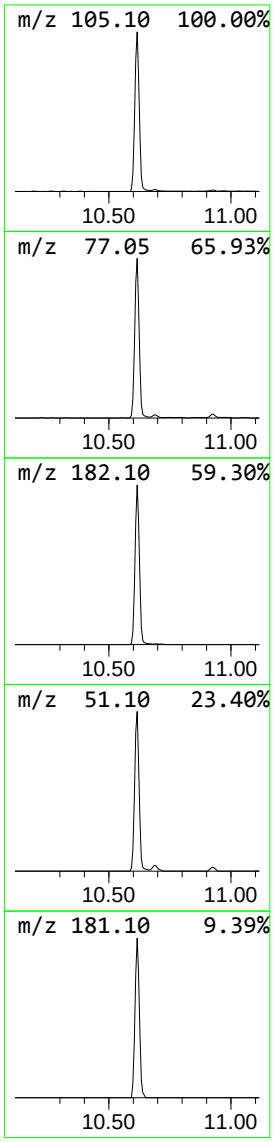
Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	9.41 ng	454976	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
4	Ethanone, 2,2,2-trifluoro-1-phenyl-	174	C8H5F3O	000434-45-7	47
5	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47





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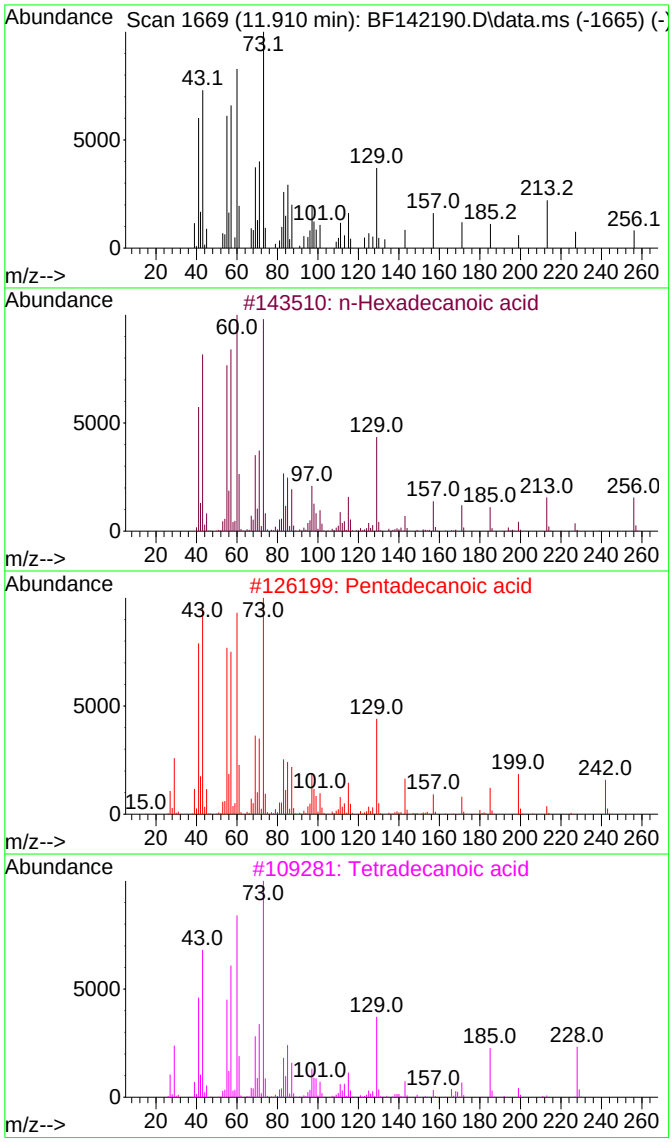
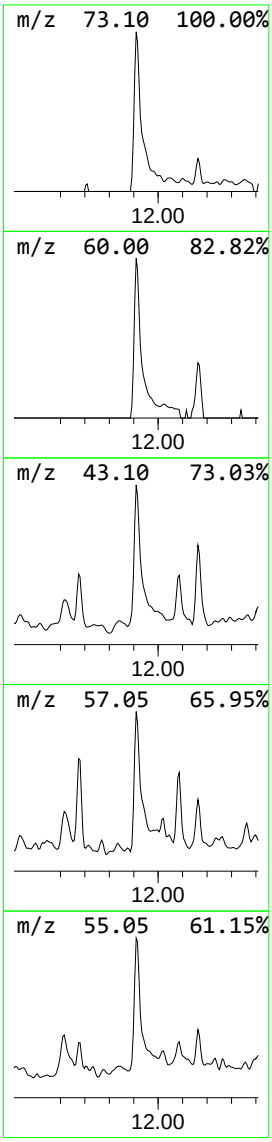
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	2.04 ng	88300	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	80
5	Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	25





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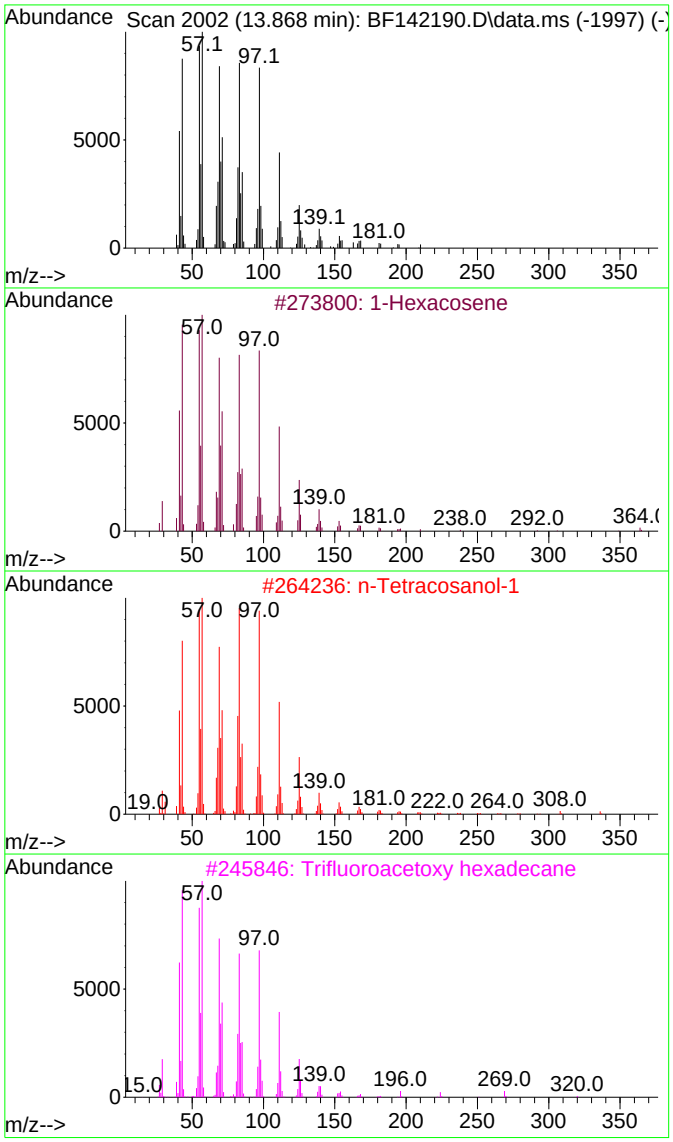
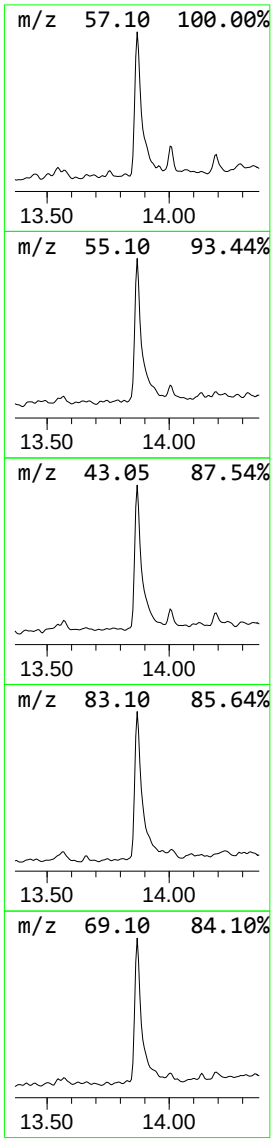
Peak Number 5 1-Hexacosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.868	6.72 ng	234490	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
4	1-Heneicosanol	312	C21H44O	015594-90-8	95
5	Behenic alcohol	326	C22H46O	000661-19-8	95





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.146	50.2	ng	1779540	1	6.863	708722	20.0
2-Pentanone, 4-...	5.092	9.0	ng	318355	1	6.863	708722	20.0
Benzophenone	10.616	9.4	ng	454976	3	9.904	967418	20.0
n-Hexadecanoic ...	11.910	2.0	ng	88300	4	11.386	865854	20.0
1-Hexacosene	13.868	6.7	ng	234490	5	14.033	698128	20.0