LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033125\
Data File : BF142194.D
Acq On : 31 Mar 2025 21:55
Operator : RC/JU
Sample : Q1671-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

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: BF142194.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	5	22	rVB	690432	905594	37.33%	5.430%
2	5.075	497	507	519	rBV	107961	172732	7.12%	1.036%
3	5.481	570	576	599	rBV	1275395	1738204	71.64%	10.422%
4	6.487	741	747	771	rBV	1382295	1848717	76.20%	11.084%
5	6.863	806	811	819	rBV	454926	574180	23.67%	3.443%
6	7.422	901	906	918	rBV	838352	1133093	46.70%	6.794%
7	8.145	1024	1029	1047	rBV	550113	742542	30.61%	4.452%
8	9.222	1206	1212	1224	rBV	1940025	2426181	100.00%	14.546%
9	9.904	1322	1328	1343	rVB	604151	798769	32.92%	4.789%
10	10.616	1443	1449	1456	rBV	251436	324213	13.36%	1.944%
11	10.686	1456	1461	1478	rVV	970491	1326502	54.67%	7.953%
12	11.392	1576	1581	1592	rBV	507152	721098	29.72%	4.323%
13	11.916	1663	1670	1682	rBV3	32016	79150	3.26%	0.475%
14	12.604	1782	1787	1791	rBV	40303	54138	2.23%	0.325%
15	12.833	1822	1826	1830	rBV	34589	45760	1.89%	0.274%
16	12.974	1844	1850	1858	rBV	1519028	1931080	79.59%	11.578%
17	13.868	1997	2002	2015	rBV2	61502	124700	5.14%	0.748%
18	14.027	2023	2029	2042	rVB	484632	727373	29.98%	4.361%
19	14.498	2105	2109	2114	rBV2	19263	31376	1.29%	0.188%
20	15.080	2203	2208	2215	rBV	29323	71137	2.93%	0.427%
21	15.145	2215	2219	2223	rBV2	19789	28738	1.18%	0.172%
22	15.380	2256	2259	2265	rVB	17404	25381	1.05%	0.152%
23	15.445	2266	2270	2274	rVV	22962	34501	1.42%	0.207%
24	15.504	2274	2280	2295	rVB	475644	782991	32.27%	4.694%
25	15.968	2355	2359	2365	rBV	16994	30857	1.27%	0.185%

Sum of corrected areas: 16679007

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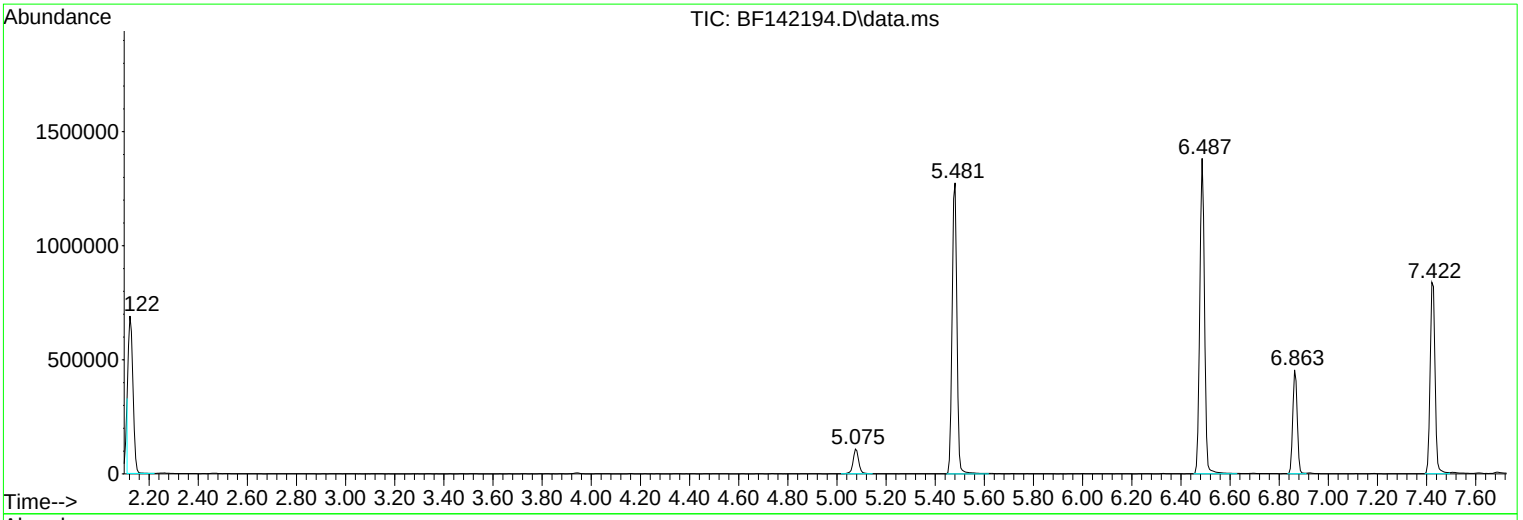
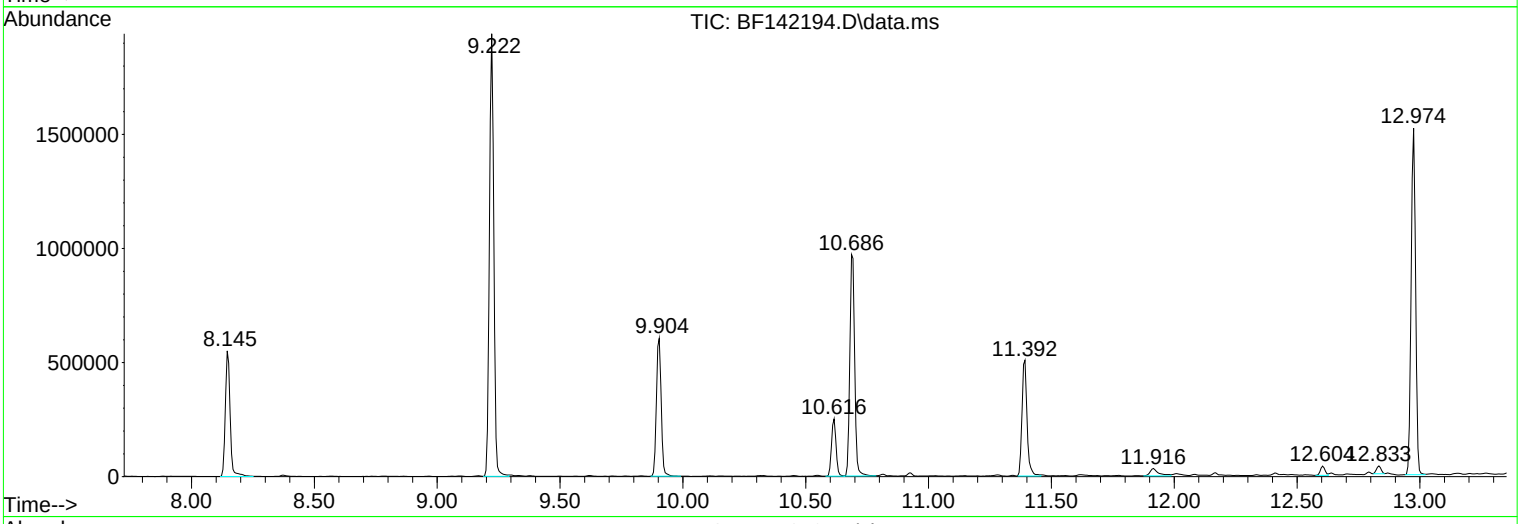
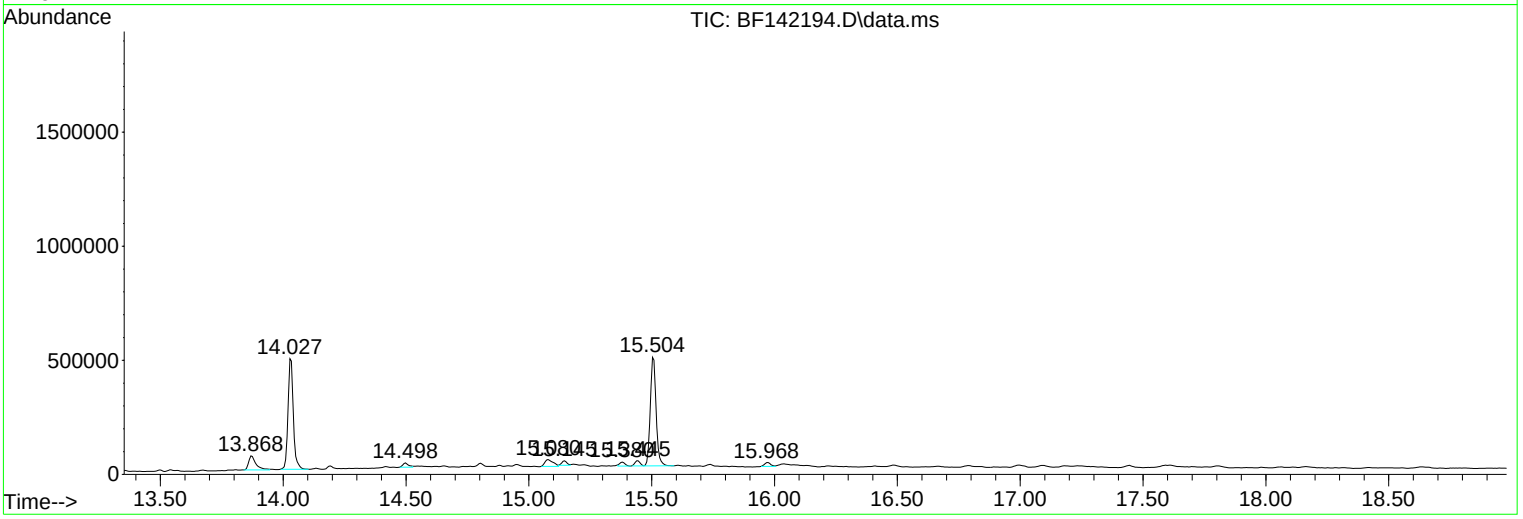
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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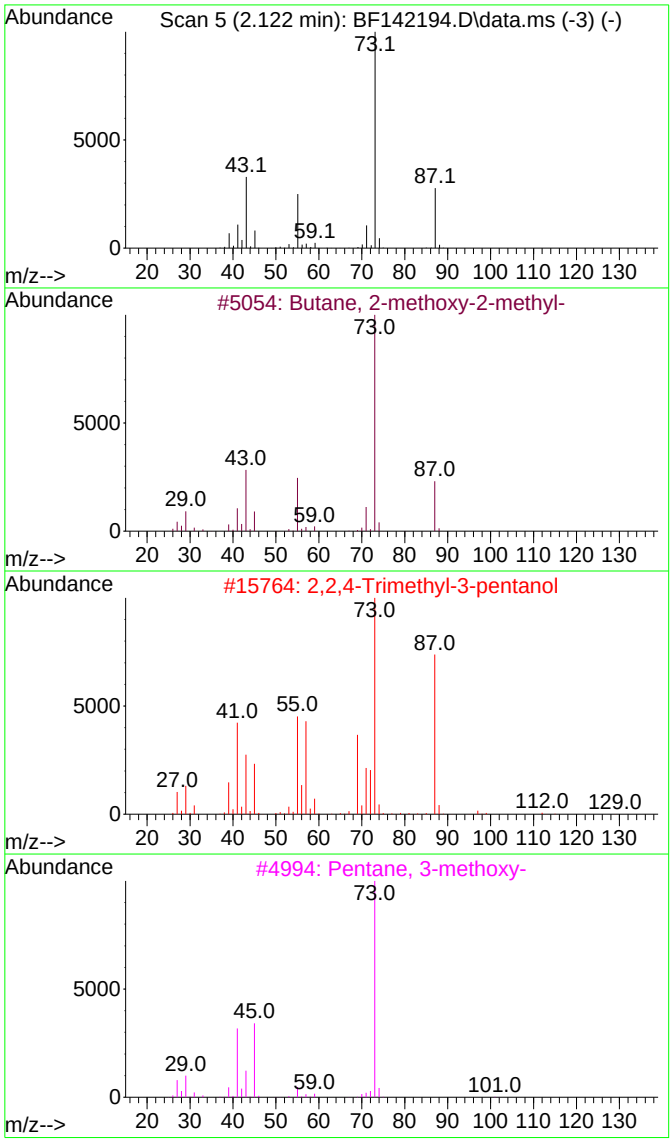
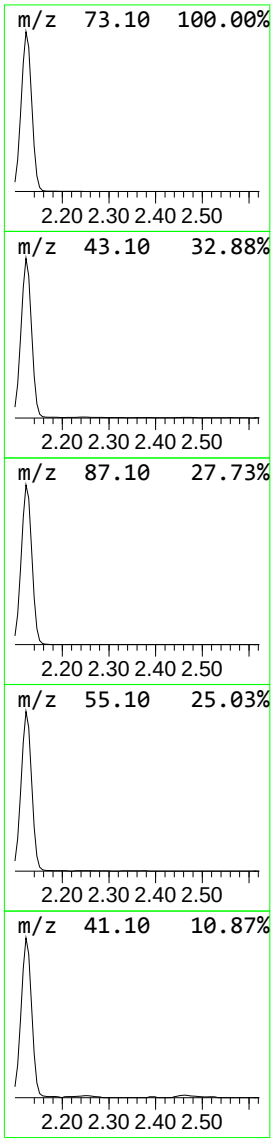
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.122	31.54 ng	905594	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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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TIC Library : C:\Database\NIST20.L
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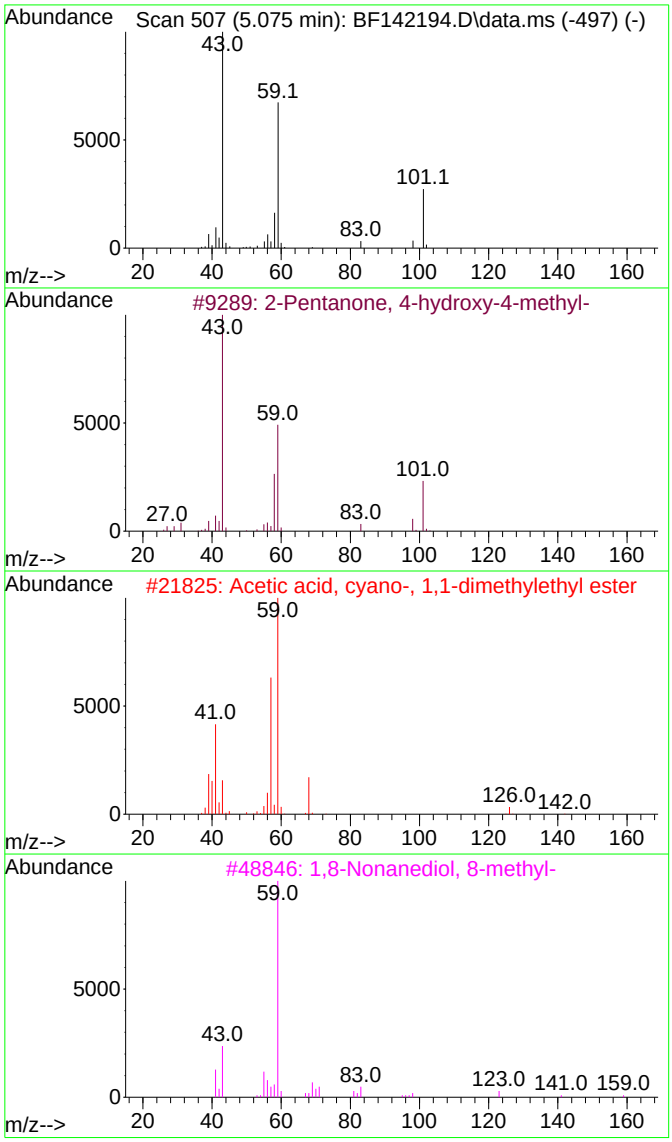
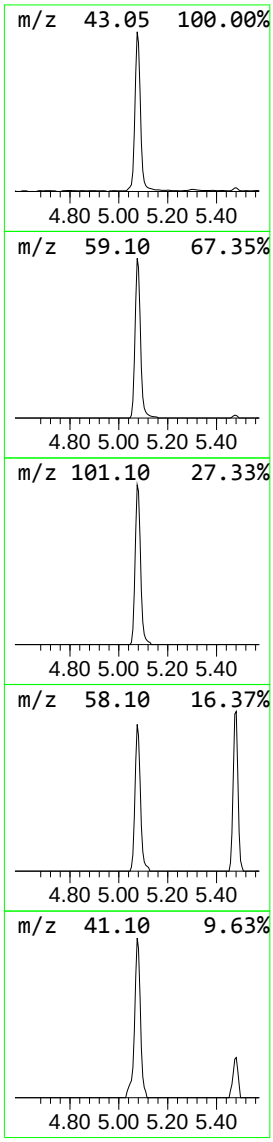
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.075	6.02 ng	172732	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	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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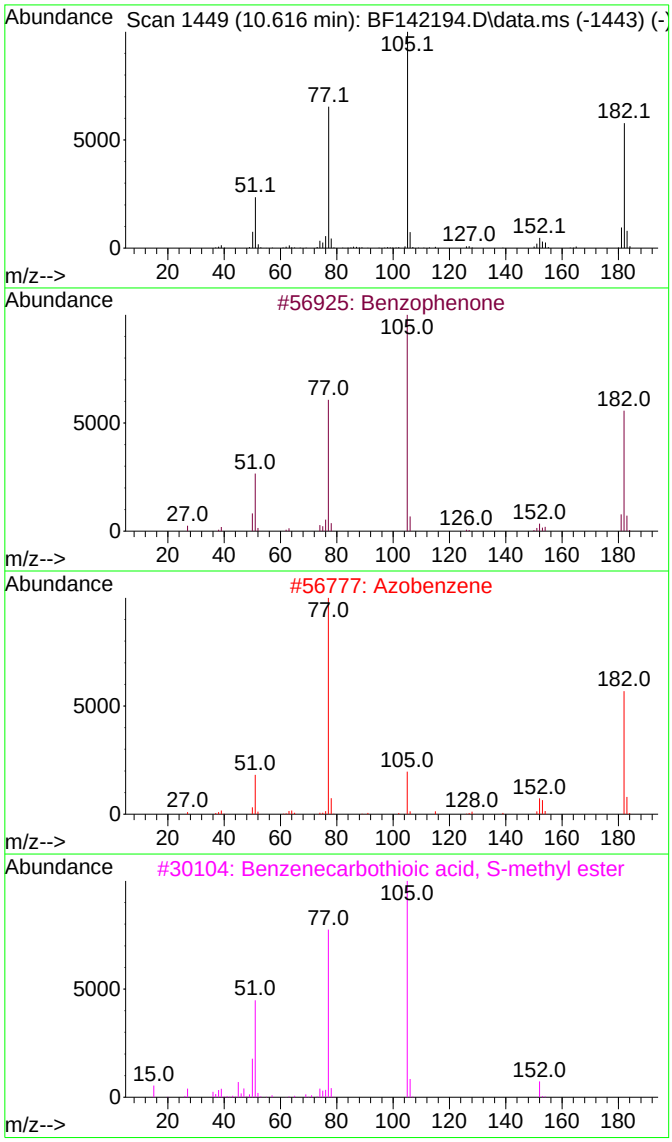
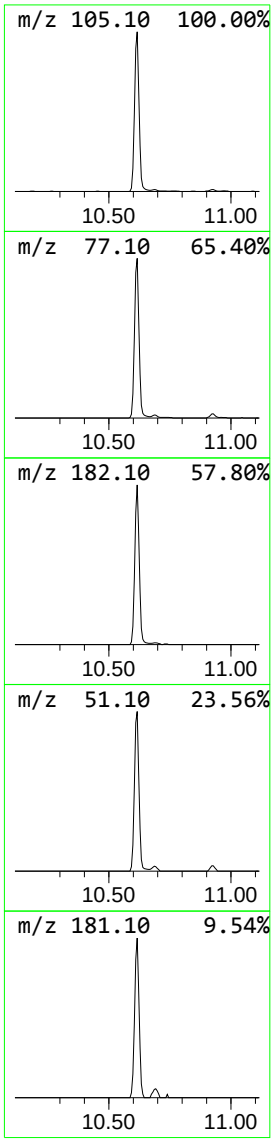
****

Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	8.12 ng	324213	Acenaphthene-d10	9.904

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	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
4	Benzoyl bromide	184	C7H5BrO	000618-32-6	47
5	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47





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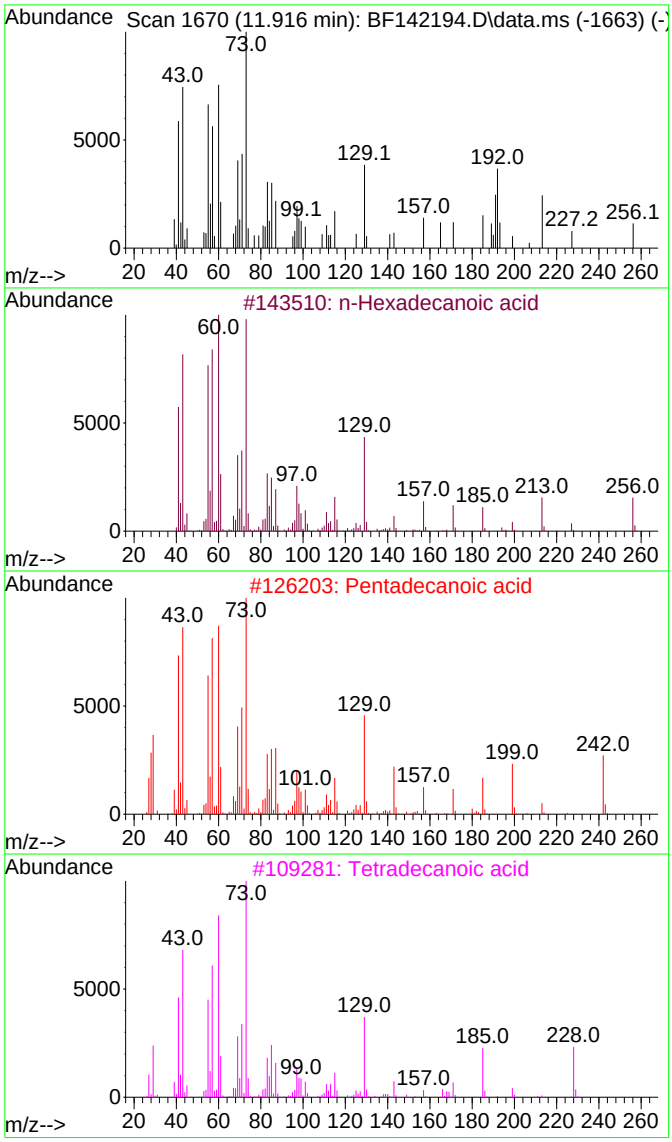
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

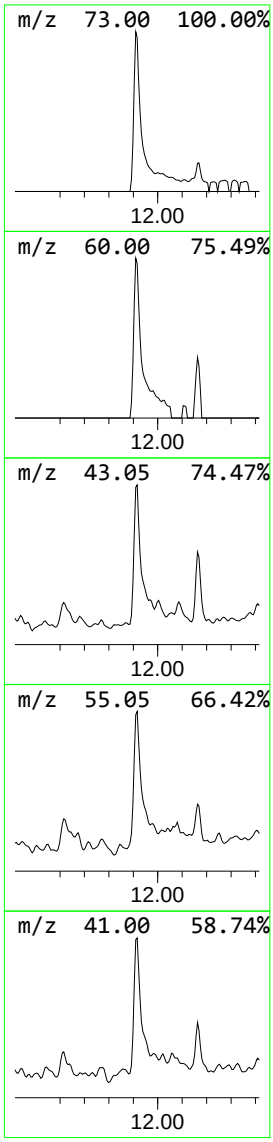
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	2.20 ng	79150	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	18
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	11





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TIC Library : C:\Database\NIST20.L
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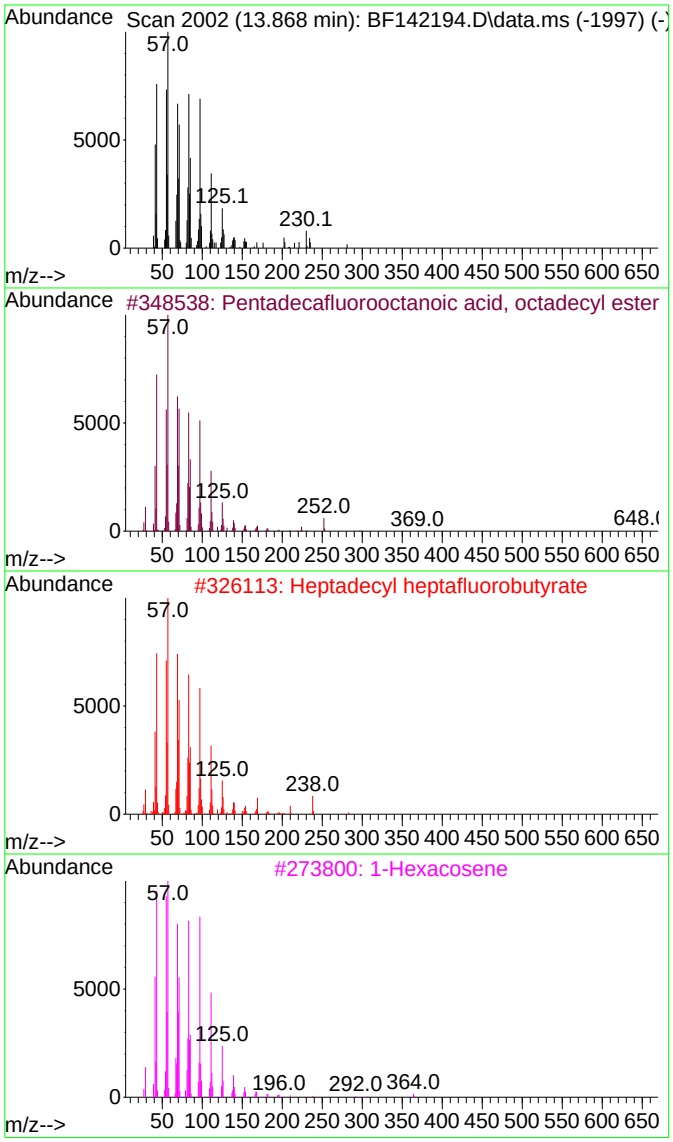
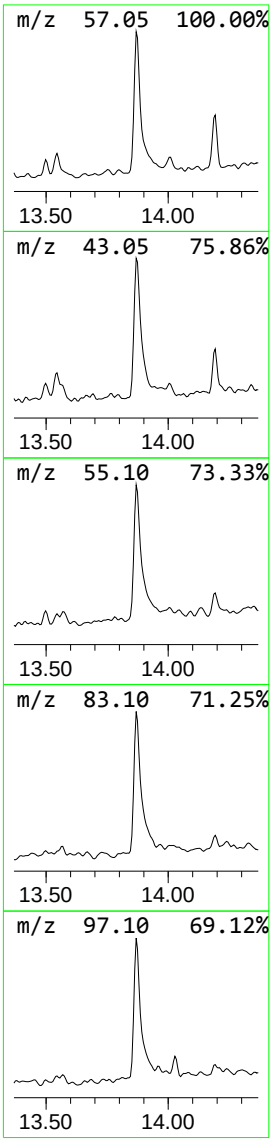
****
Peak Number 5 Pentadecafluorooctanoic aci... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.868	3.43 ng	124700	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
3	1-Hexacosene	364	C26H52	018835-33-1	90
4	Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	90
5	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	90





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...	2.122	31.5	ng	905594	1	6.863	574180	20.0
2-Pentanone, 4-...	5.075	6.0	ng	172732	1	6.863	574180	20.0
Benzophenone	10.616	8.1	ng	324213	3	9.904	798769	20.0
n-Hexadecanoic ...	11.916	2.2	ng	79150	4	11.392	721098	20.0
Pentadecafluoro...	13.868	3.4	ng	124700	5	14.033	727373	20.0