LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
Data File : BF137070.D
Acq On : 15 Jan 2024 18:37
Operator : CG\JU
Sample : P1140-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-309-37-39

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137070.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	6	10	16	rVB	12196	17838	1.41%	0.230%
2	5.016	494	498	506	rBV	57090	65079	5.16%	0.839%
3	5.428	565	568	585	rBV	945656	885340	70.14%	11.408%
4	6.434	735	739	758	rBV	950207	845750	67.00%	10.898%
5	6.781	795	798	805	rVB	289909	236142	18.71%	3.043%
6	7.346	890	894	897	rBV	643302	515045	40.80%	6.637%
7	8.057	1012	1015	1021	rBV	322329	275926	21.86%	3.555%
8	9.134	1195	1198	1202	rBV	1163518	993953	78.74%	12.807%
9	9.816	1310	1314	1318	rBV	377143	291967	23.13%	3.762%
10	10.610	1445	1449	1458	rBV	650981	615086	48.73%	7.926%
11	11.310	1565	1568	1571	rBV	399949	322450	25.54%	4.155%
12	11.845	1656	1659	1662	rBV	99480	104821	8.30%	1.351%
13	11.928	1670	1673	1676	rBV	14738	14378	1.14%	0.185%
14	12.533	1773	1776	1779	rBV	46633	42606	3.38%	0.549%
15	12.633	1790	1793	1799	rBV4	28239	36507	2.89%	0.470%
16	12.763	1810	1815	1822	rVB	56946	57008	4.52%	0.735%
17	12.904	1835	1839	1843	rBV	1334582	1262295	100.00%	16.265%
18	13.092	1869	1871	1875	rVB	14506	14075	1.12%	0.181%
19	13.480	1933	1937	1939	rBV5	13257	14853	1.18%	0.191%
20	13.598	1952	1957	1963	rBV6	9933	17433	1.38%	0.225%
21	13.833	1990	1997	2005	rBV9	38465	120008	9.51%	1.546%
22	13.969	2016	2020	2023	rBV	428747	402497	31.89%	5.186%
23	13.992	2023	2024	2031	rVB	27973	29649	2.35%	0.382%
24	14.063	2033	2036	2040	rVB2	19776	20320	1.61%	0.262%
25	14.127	2044	2047	2049	rBV2	16992	13612	1.08%	0.175%
26	14.251	2065	2068	2072	rVB5	13521	13488	1.07%	0.174%
27	14.433	2096	2099	2102	rBV	24429	23082	1.83%	0.297%
28	15.021	2196	2199	2202	rBV2	13721	19110	1.51%	0.246%
29	15.080	2206	2209	2215	rVB	28593	33750	2.67%	0.435%
30	15.327	2248	2251	2255	rBV3	11198	17631	1.40%	0.227%
31	15.392	2260	2262	2267	rVB	16379	21641	1.71%	0.279%
32	15.457	2268	2273	2282	rBV	277890	372301	29.49%	4.797%
33	15.921	2349	2352	2358	rVB3	16876	20775	1.65%	0.268%
34	16.051	2369	2374	2378	rBV8	11665	24337	1.93%	0.314%

Sum of corrected areas: 7760753

Instrument :
BNA_F
ClientSampleId :
MR-309-37-39

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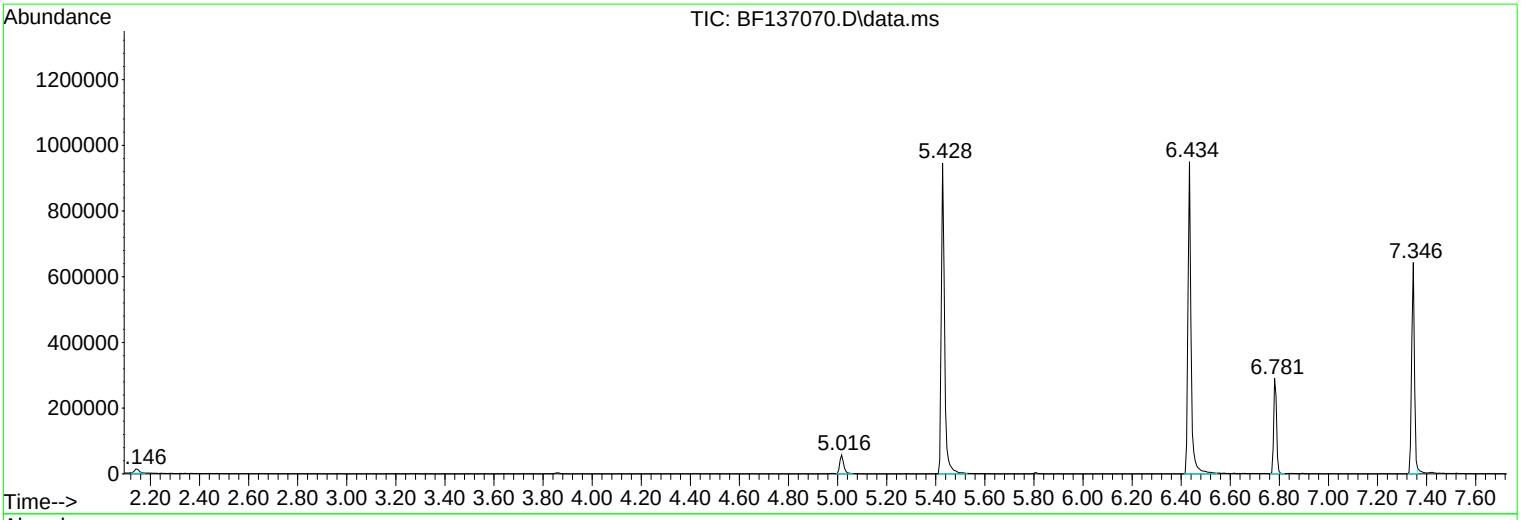
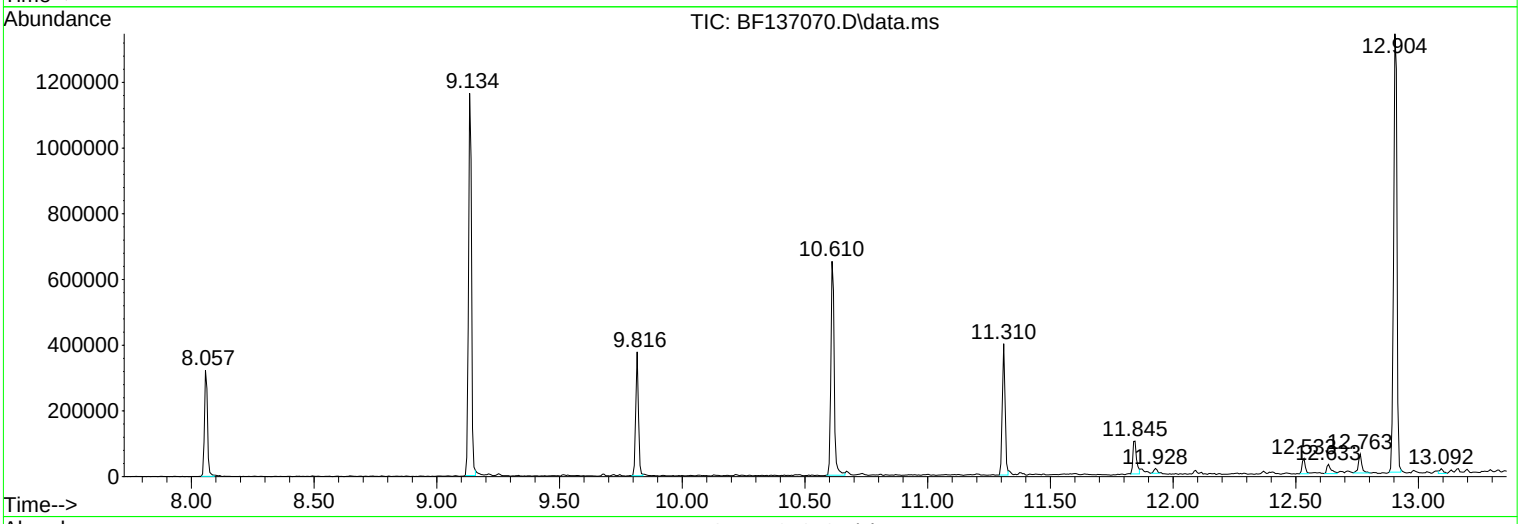
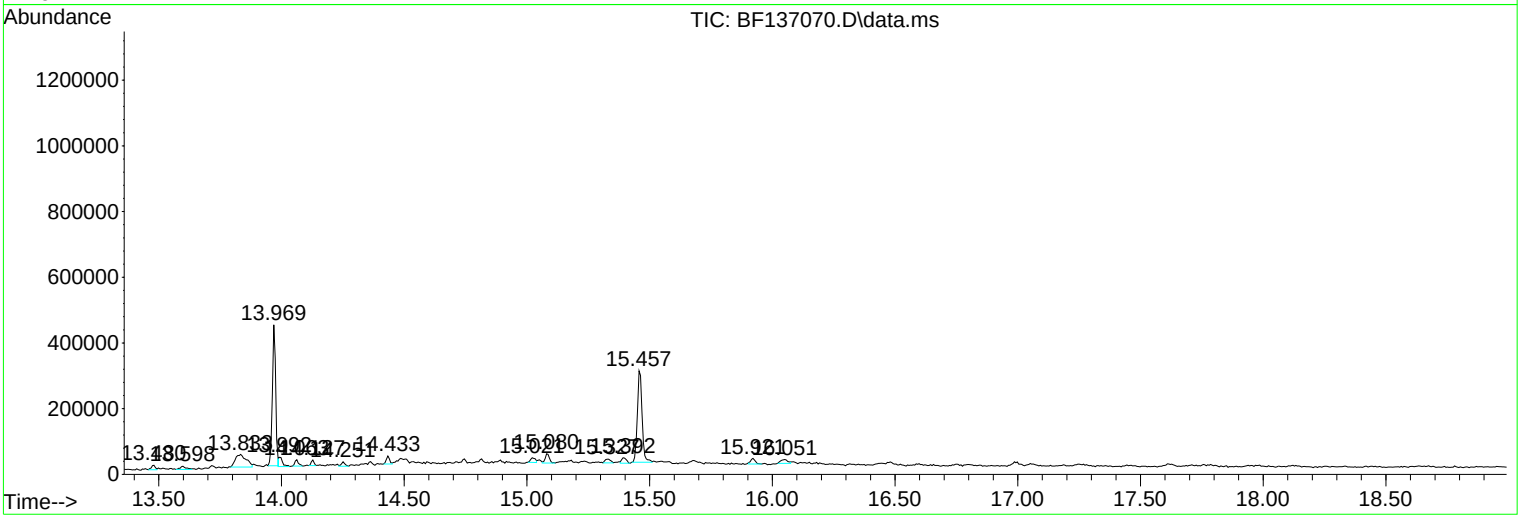
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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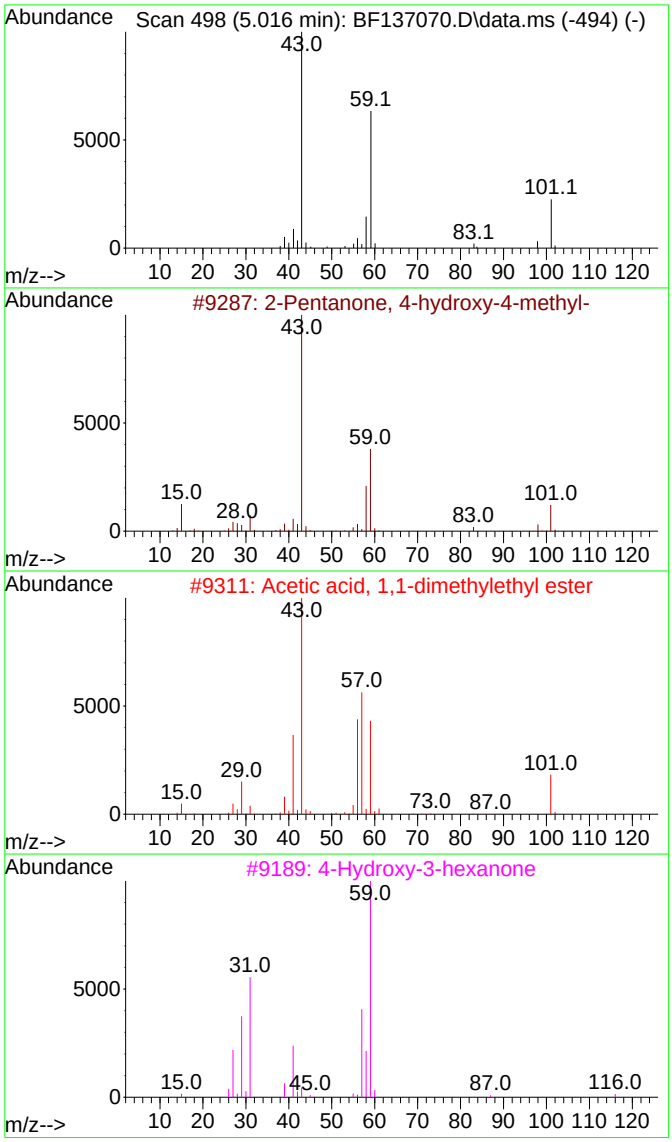
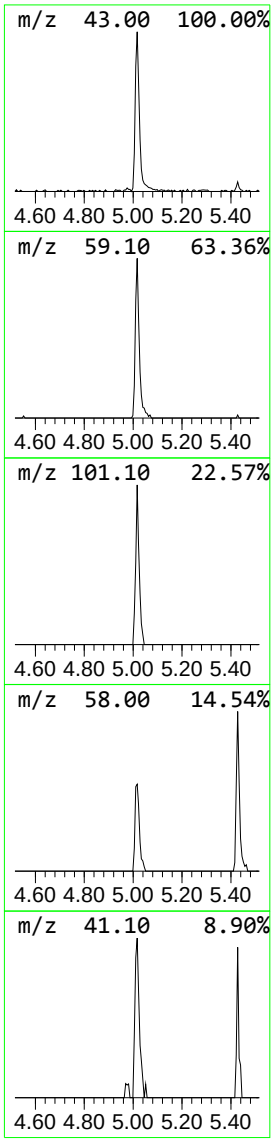
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.016	5.51 ng	65079	1,4-Dichlorobenzene-d4	6.781

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	25
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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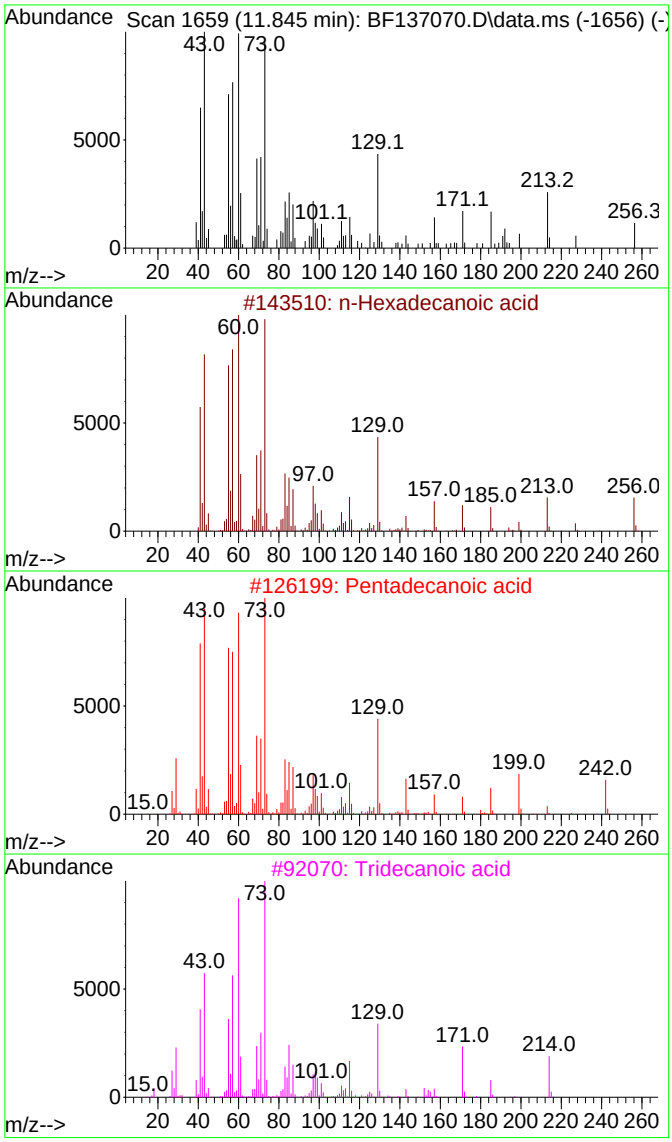
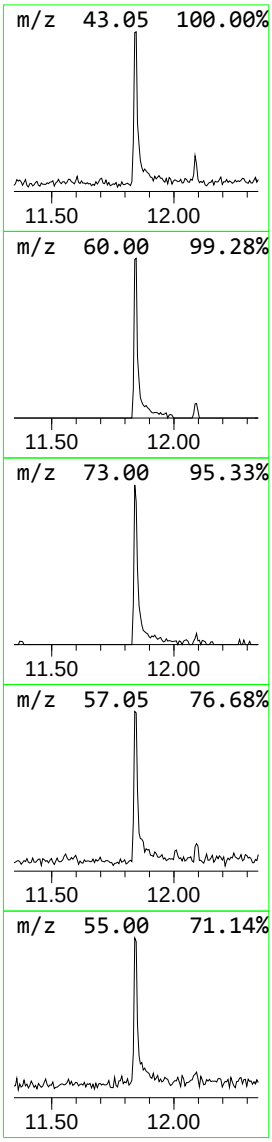
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	6.50 ng	104821	Phenanthrene-d10	11.310

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	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Octanoic acid	144	C8H16O2	000124-07-2	43





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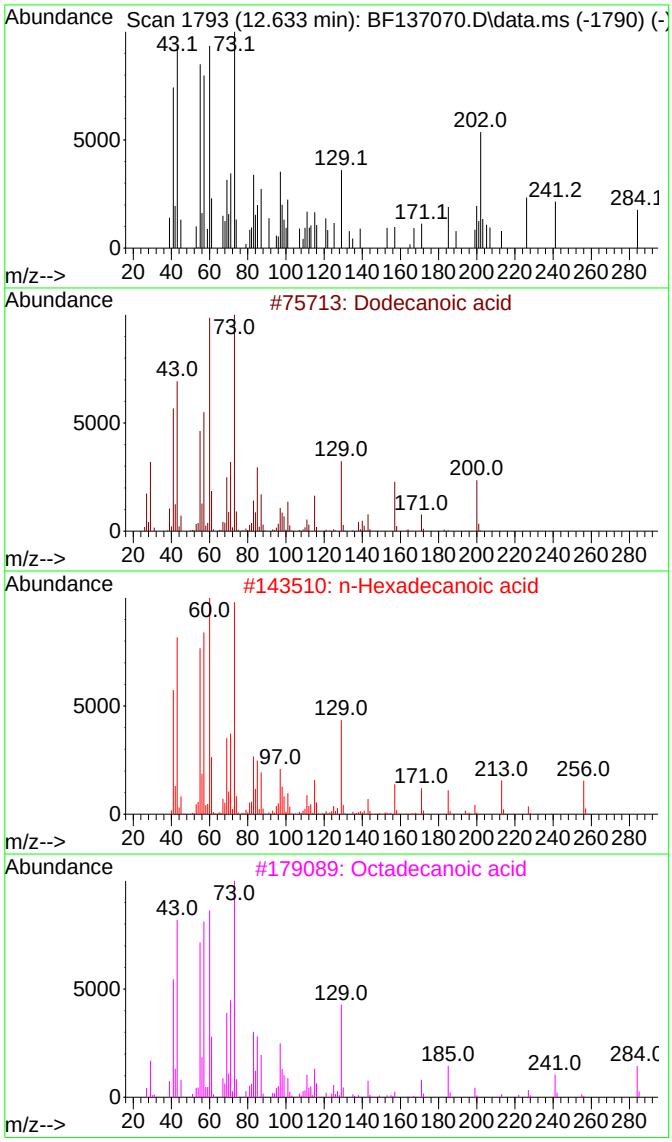
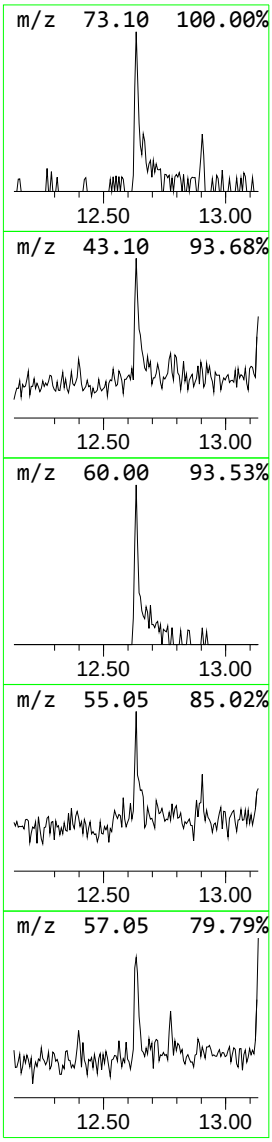
Peak Number 3 Dodecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.633	2.26 ng	36507	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	50
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	38
3	Octadecanoic acid	284	C18H36O2	000057-11-4	38
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	35
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	30





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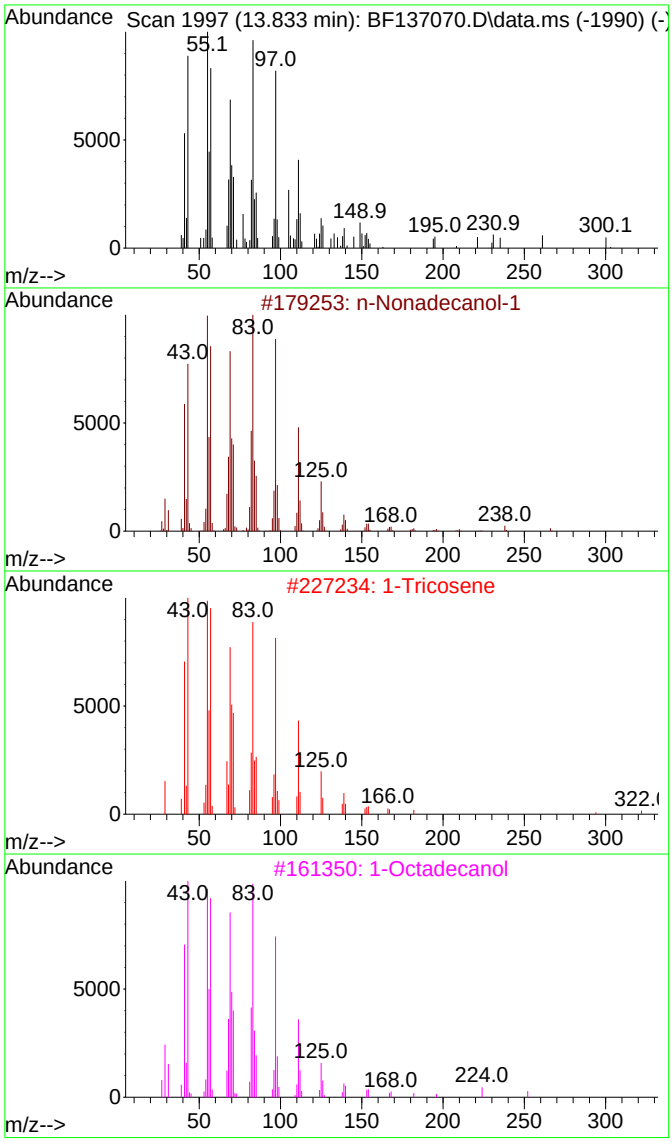
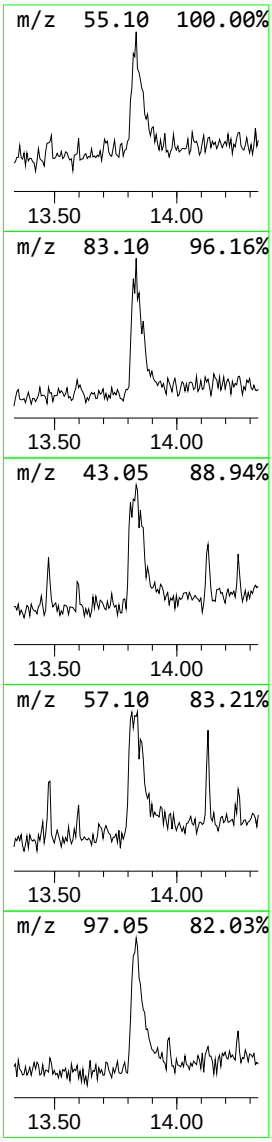
Peak Number 5 n-Nonadecanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.833	5.96 ng	120008	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
2	1-Tricosene	322	C23H46	018835-32-0	81
3	1-Octadecanol	270	C18H38O	000112-92-5	76
4	Acetic acid n-octadecyl ester	312	C20H40O2	000822-23-1	72
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	64





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.016	5.5	ng	65079	1	6.781	236142	20.0
n-Hexadecanoic ...	11.845	6.5	ng	104821	4	11.310	322450	20.0
Dodecanoic acid	12.633	2.3	ng	36507	4	11.310	322450	20.0
n-Nonadecanol-1	13.833	6.0	ng	120008	5	13.969	402497	20.0