

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
 Data File : BM013815.D
 Acq On : 25 Jan 2018 20:48
 Operator : SJ/JU
 Sample : J1243-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B41

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.146	24	27	32	rVB2	27071	31229	1.28%	0.105%
2	6.781	639	645	658	rBV2	428804	818658	33.43%	2.743%
3	6.940	666	672	680	rBV	353343	545979	22.30%	1.829%
4	7.128	698	704	715	rVB	508768	800384	32.69%	2.681%
5	7.592	776	783	793	rVB	451694	742847	30.34%	2.489%
6	7.957	840	845	851	rBV2	24302	39851	1.63%	0.134%
7	8.310	898	905	920	rBV2	533056	949406	38.77%	3.181%
8	8.745	971	979	991	rBV	451158	804240	32.84%	2.694%
9	9.145	1041	1047	1052	rBV3	18152	24911	1.02%	0.083%
10	9.463	1095	1101	1110	rBV	416819	704027	28.75%	2.358%
11	10.004	1184	1193	1210	rBV	560500	1019792	41.65%	3.416%
12	10.369	1244	1255	1260	rBV	548170	961947	39.28%	3.223%
13	10.416	1260	1263	1268	rVB2	103887	159294	6.51%	0.534%
14	10.516	1273	1280	1298	rVB	454848	924068	37.74%	3.096%
15	11.704	1476	1482	1488	rBV3	16283	30557	1.25%	0.102%
16	12.045	1535	1540	1545	rVB3	34308	57004	2.33%	0.191%
17	12.269	1570	1578	1584	rVB3	19479	36115	1.47%	0.121%
18	13.663	1809	1815	1820	rBV	1052525	1445799	59.04%	4.843%
19	13.710	1820	1823	1830	rVB	290118	408243	16.67%	1.368%
20	13.933	1855	1861	1871	rBV	1167992	1691057	69.06%	5.665%
21	14.245	1908	1914	1921	rBV2	779432	1189915	48.59%	3.986%
22	14.304	1921	1924	1931	rVB2	28261	43425	1.77%	0.145%
23	14.486	1950	1955	1974	rBV2	229953	555149	22.67%	1.860%
24	14.657	1980	1984	1988	rBV2	20100	24801	1.01%	0.083%
25	15.245	2078	2084	2090	rBV	1430204	1977390	80.75%	6.624%
26	15.298	2090	2093	2102	rVB4	20473	34859	1.42%	0.117%
27	15.386	2102	2108	2120	rBV2	350919	549436	22.44%	1.841%
28	15.615	2141	2147	2152	rBV	66798	102263	4.18%	0.343%
29	16.998	2376	2382	2387	rBV2	1004243	1425559	58.22%	4.776%
30	17.039	2387	2389	2393	rVV	59351	70593	2.88%	0.236%
31	17.098	2393	2399	2410	rVB2	1480969	2152582	87.91%	7.211%
32	17.904	2530	2536	2544	rBV	311442	464794	18.98%	1.557%
33	19.045	2725	2730	2732	rBV3	39600	65605	2.68%	0.220%
34	19.068	2732	2734	2741	rVB5	42899	69226	2.83%	0.232%

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35	19.192	2751	2755	2760	rBV2	150055	218589	8.93%	0.732%
36	19.398	2785	2790	2798	rBV2	1771342	2437809	99.56%	8.167%
37	19.462	2798	2801	2805	rVB5	23358	31649	1.29%	0.106%
38	20.915	3044	3048	3055	rVB2	400334	483506	19.75%	1.620%
39	21.197	3091	3096	3105	rBV	1268950	1742488	71.16%	5.837%
40	23.250	3439	3445	3454	rVB2	1304712	2448672	100.00%	8.203%
41	23.391	3463	3469	3478	rVB	823983	1566952	63.99%	5.249%

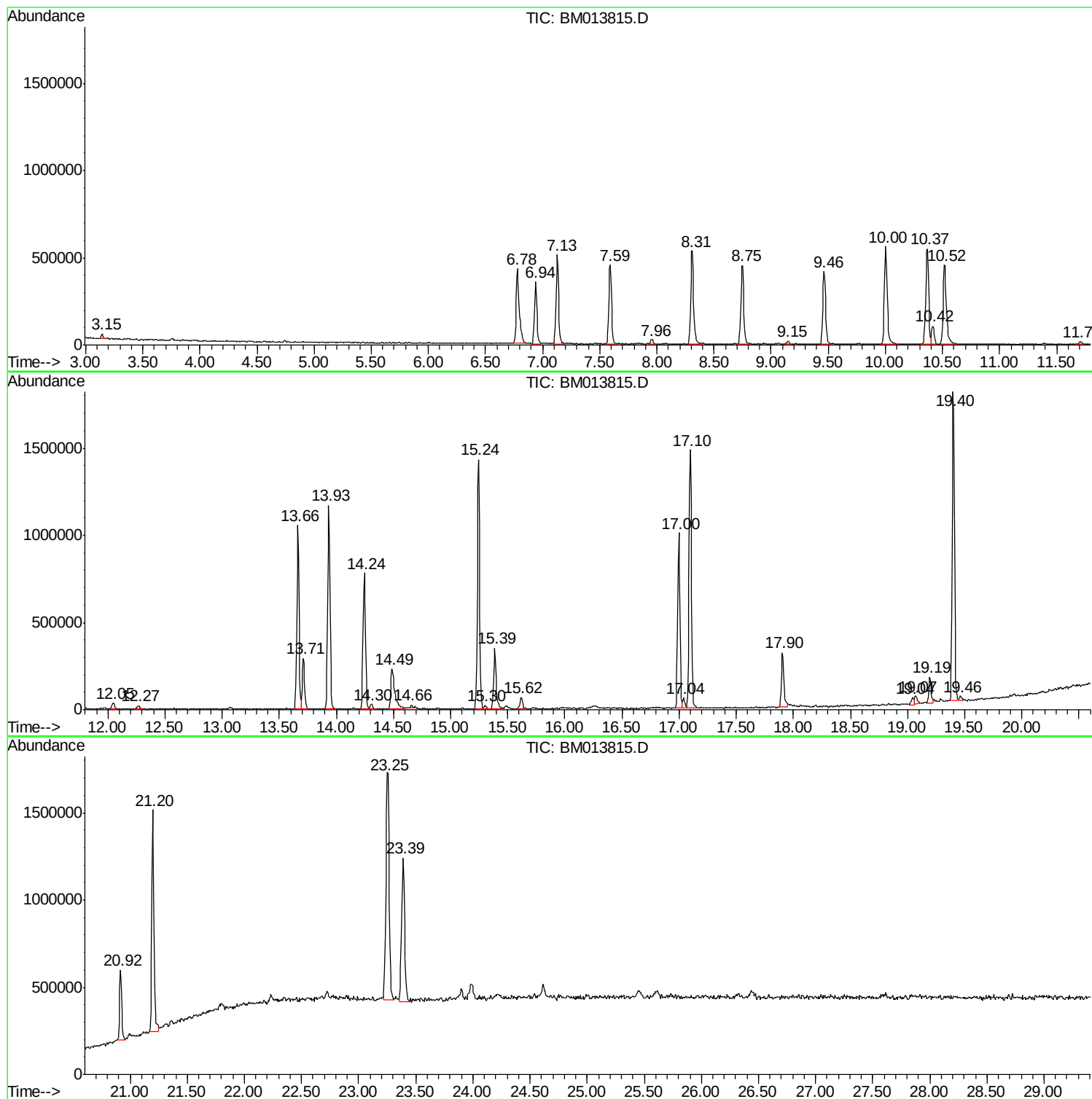
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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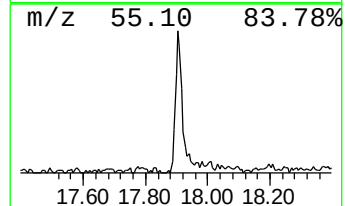
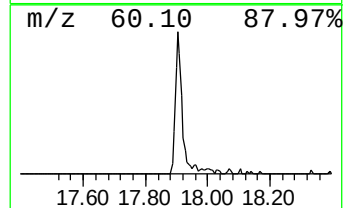
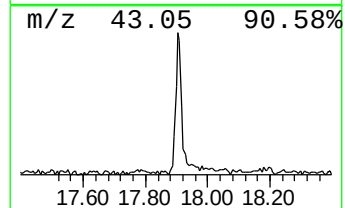
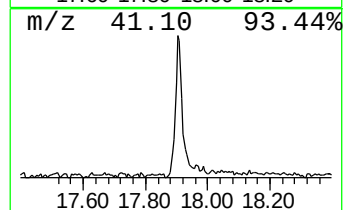
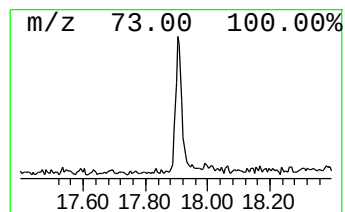
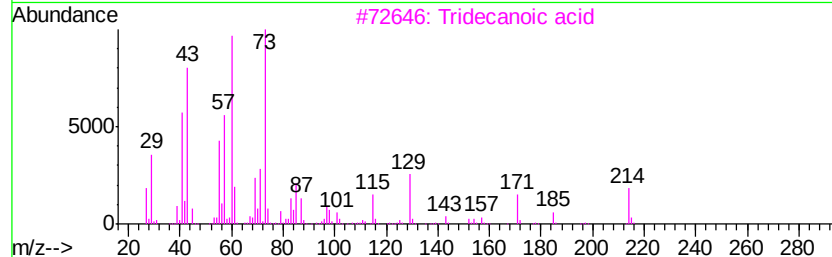
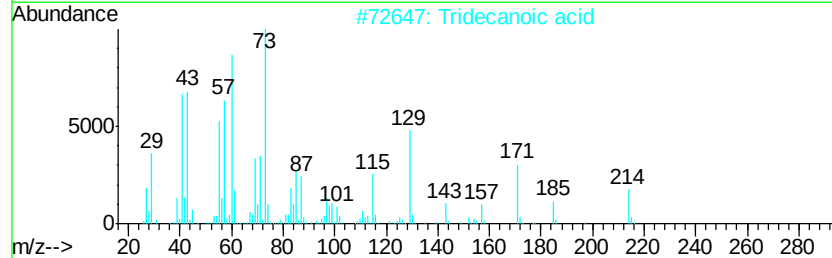
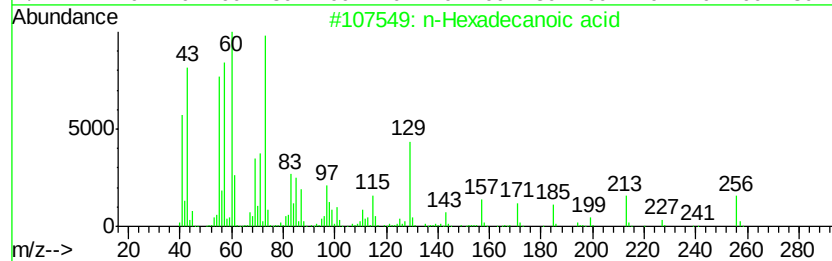
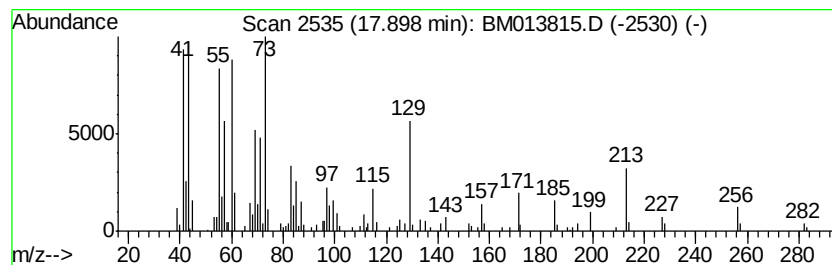
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.90	6.52 ng/ul	464794	Phenanthrene-d10	17.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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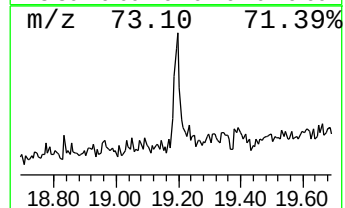
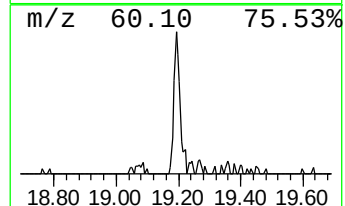
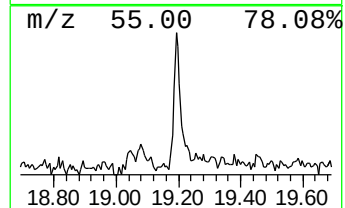
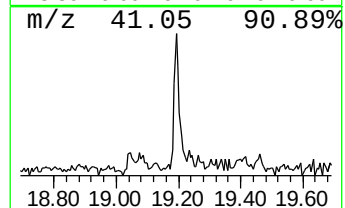
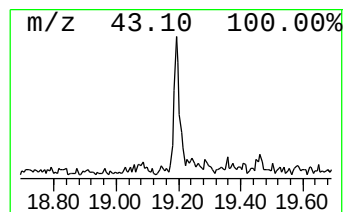
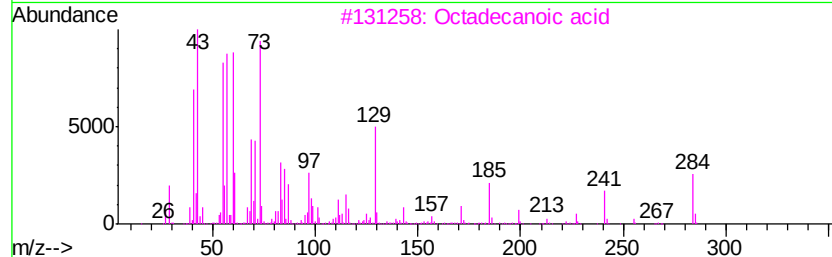
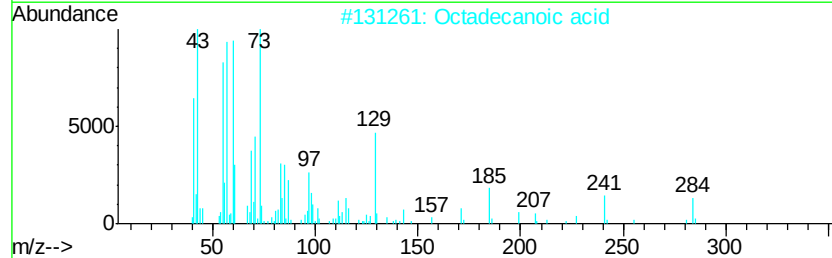
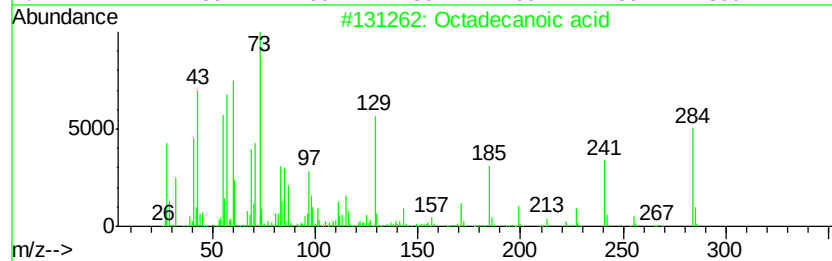
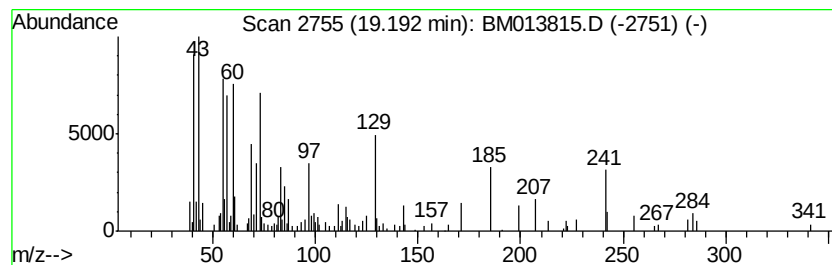
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	2.51 ng/ul	218589	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	78
2		Octadecanoic acid	284	C18H36O2	000057-11-4	70
3		Octadecanoic acid	284	C18H36O2	000057-11-4	50
4		n-Decanoic acid	172	C10H20O2	000334-48-5	43
5		n-Decanoic acid	172	C10H20O2	000334-48-5	38



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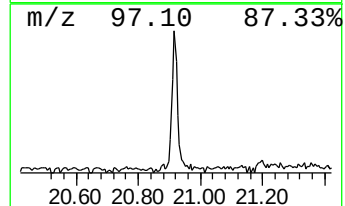
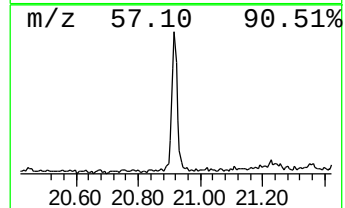
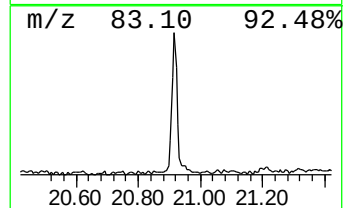
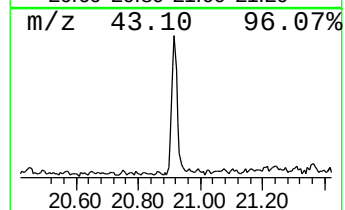
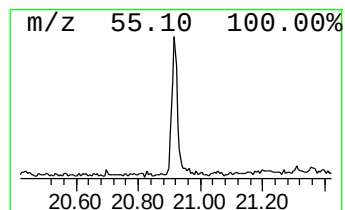
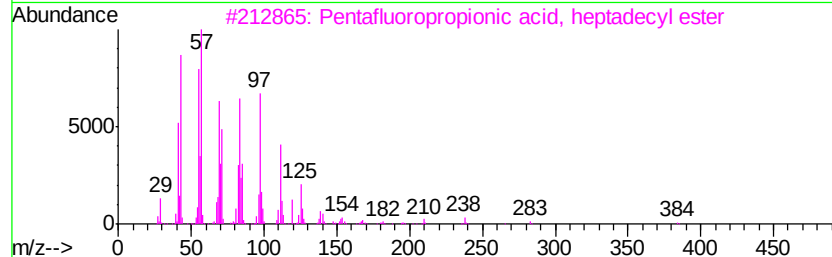
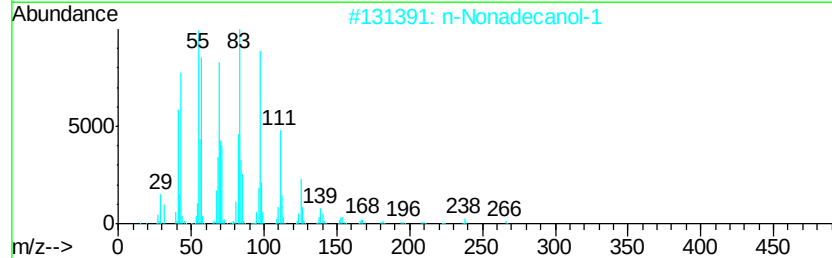
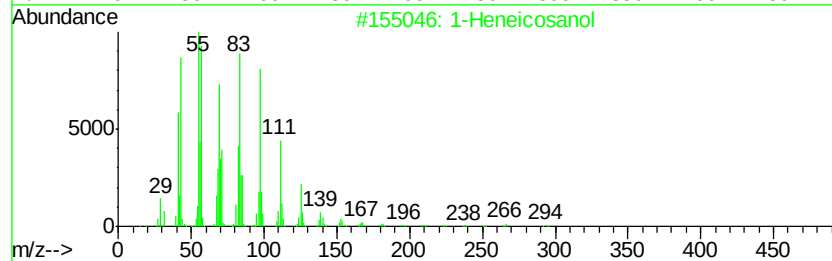
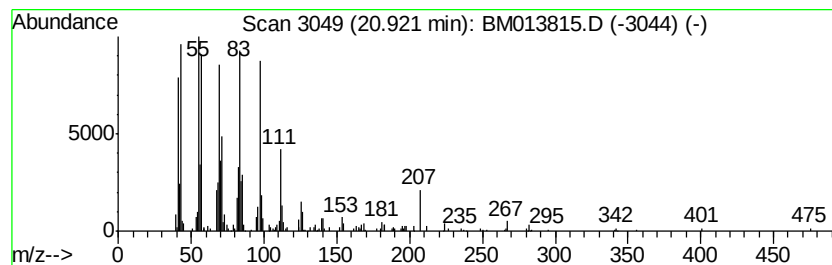
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Peak Number 3 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.92	5.55 ng/ul	483506	Chrysene-d12	21.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	93
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	92



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.90	6.5	ng/ul	464794	4	17.00	1425560	20.0
Octadecanoic acid	19.19	2.5	ng/ul	218589	5	21.20	1742490	20.0
1-Heneicosanol	20.92	5.5	ng/ul	483506	5	21.20	1742490	20.0