

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
 Data File : BN012332.D
 Acq On : 18 Oct 2020 15:59
 Operator : CG/JU
 Sample : L4424-05
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F4W04

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.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	3.140	23	26	33	rVB	64228	85176	1.16%	0.130%
2	3.757	128	131	134	rBV4	7154	8945	0.12%	0.014%
3	3.852	144	147	150	rBV2	19847	24232	0.33%	0.037%
4	4.210	205	208	213	rVB4	9921	12970	0.18%	0.020%
5	5.269	383	388	391	rBV4	7798	12401	0.17%	0.019%
6	5.557	432	437	441	rBV	19702	28296	0.39%	0.043%
7	5.634	448	450	453	rVB3	7126	8117	0.11%	0.012%
8	6.775	634	644	655	rBV	254987	426493	5.83%	0.651%
9	6.940	665	672	683	rBV	786251	1196943	16.35%	1.827%
10	7.134	696	705	715	rBV	924303	1431109	19.55%	2.184%
11	7.598	777	784	792	rBV	924480	1458843	19.93%	2.227%
12	7.669	792	796	800	rVB4	12656	18545	0.25%	0.028%
13	8.298	897	903	914	rBV	694243	1108275	15.14%	1.692%
14	8.422	921	924	932	rVB7	5326	8103	0.11%	0.012%
15	8.692	964	970	973	rBV5	11844	19751	0.27%	0.030%
16	8.745	973	979	986	rVV	1019332	1634376	22.33%	2.495%
17	8.916	1002	1008	1012	rVB7	12186	21655	0.30%	0.033%
18	9.457	1093	1100	1115	rBV	904528	1491956	20.38%	2.277%
19	9.992	1184	1191	1201	rBV	1270333	2071276	28.30%	3.162%
20	10.369	1247	1255	1262	rBV	1269595	2099821	28.69%	3.205%
21	10.516	1273	1280	1288	rBV	74124	142972	1.95%	0.218%
22	11.963	1522	1526	1536	rBV4	17140	32860	0.45%	0.050%
23	12.522	1617	1621	1626	rBV6	15176	21970	0.30%	0.034%
24	12.845	1671	1676	1680	rBV6	4993	9797	0.13%	0.015%
25	13.063	1708	1713	1722	rBV8	8283	15936	0.22%	0.024%
26	13.469	1776	1782	1789	rVB5	4794	9483	0.13%	0.014%
27	13.657	1807	1814	1819	rBV	2513233	3353562	45.82%	5.119%
28	13.698	1819	1821	1828	rVB	103863	134411	1.84%	0.205%
29	13.927	1852	1860	1871	rBV	2848702	3987286	54.48%	6.086%
30	14.151	1892	1898	1903	rVB6	9198	14520	0.20%	0.022%
31	14.239	1906	1913	1921	rBV	2054418	2977651	40.68%	4.545%
32	14.327	1924	1928	1932	rVB2	16688	20149	0.28%	0.031%
33	14.445	1943	1948	1960	rBV	194102	361357	4.94%	0.552%
34	14.669	1982	1986	1993	rBV5	9478	14709	0.20%	0.022%

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Filtering: 5
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	14.927	2024	2030	2033	rBV2	16753	25950	0.35%	0.040%
36	15.233	2075	2082	2093	rBV	3567234	5063328	69.18%	7.728%
37	15.363	2097	2104	2115	rBV	1475791	1935701	26.45%	2.955%
38	15.474	2119	2123	2129	rVB2	44007	59171	0.81%	0.090%
39	15.610	2142	2146	2151	rVB5	11349	17673	0.24%	0.027%
40	16.021	2211	2216	2220	rVV3	14082	16667	0.23%	0.025%
41	16.586	2310	2312	2316	rBV3	5984	7920	0.11%	0.012%
42	16.669	2323	2326	2331	rBV4	5315	8461	0.12%	0.013%
43	16.769	2337	2343	2347	rBV4	10282	18231	0.25%	0.028%
44	16.986	2371	2380	2387	rBV	2439495	3268151	44.65%	4.988%
45	17.086	2390	2397	2411	rVV	4363538	5957022	81.39%	9.093%
46	17.663	2490	2495	2500	rBV	358920	433308	5.92%	0.661%
47	17.898	2529	2535	2543	rBV	862601	1117447	15.27%	1.706%
48	19.021	2722	2726	2731	rBV2	46538	69600	0.95%	0.106%
49	19.186	2749	2754	2765	rBV	581340	816406	11.15%	1.246%
50	19.274	2765	2769	2774	rVV	59141	94205	1.29%	0.144%
51	19.339	2777	2780	2782	rVV4	19637	26971	0.37%	0.041%
52	19.386	2782	2788	2795	rVV	5057622	6730582	91.96%	10.273%
53	19.927	2876	2880	2882	rBV4	24792	37584	0.51%	0.057%
54	19.951	2882	2884	2889	rVB6	24539	31795	0.43%	0.049%
55	20.327	2945	2948	2952	rBV2	62942	68936	0.94%	0.105%
56	20.909	3043	3047	3053	rBV	693466	885555	12.10%	1.352%
57	21.186	3089	3094	3099	rBV	2978349	3586632	49.00%	5.474%
58	23.227	3434	3441	3455	rVB	4027680	7319296	100.00%	11.172%
59	23.362	3458	3464	3470	rVB2	2047900	3654763	49.93%	5.578%

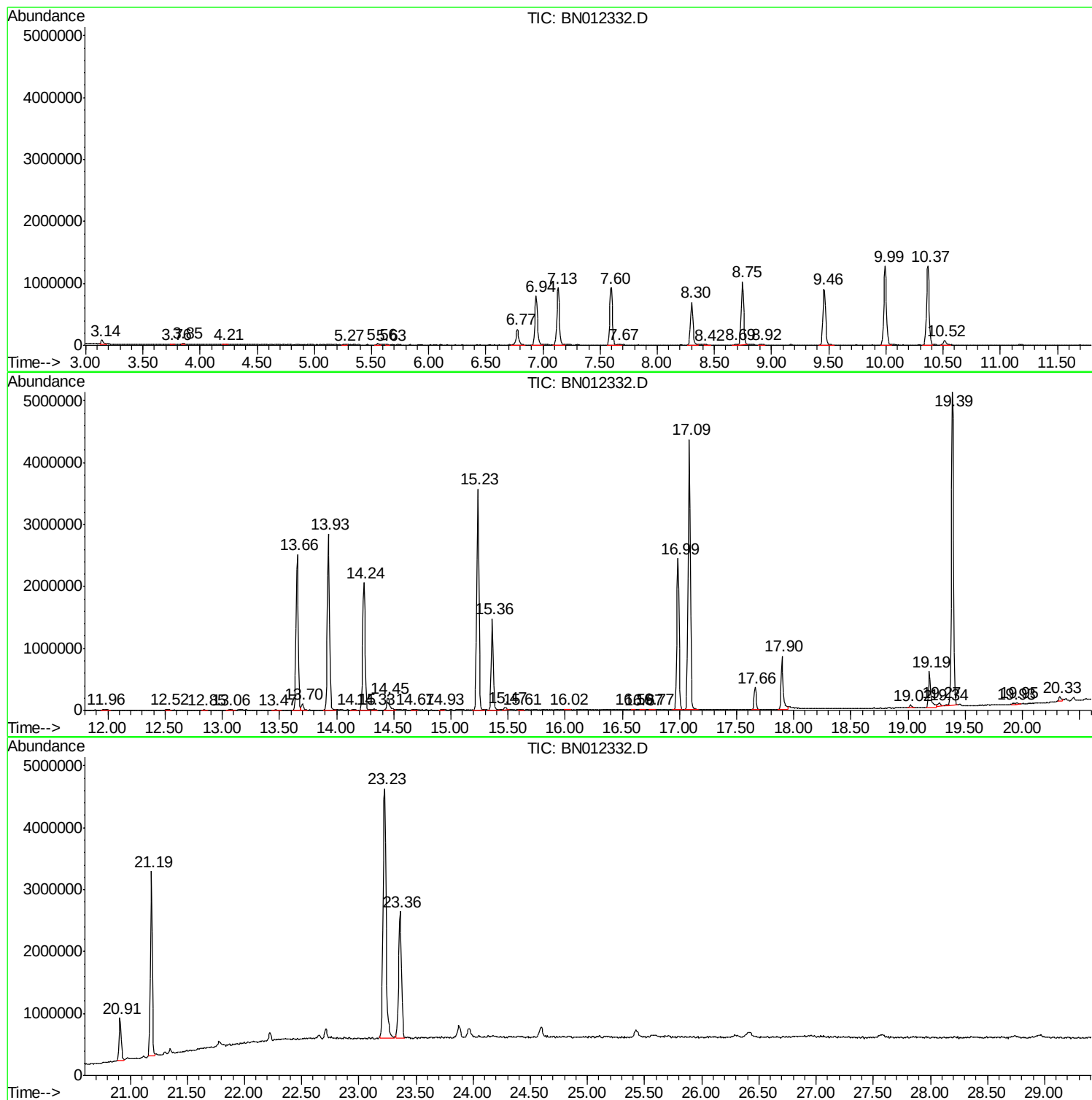
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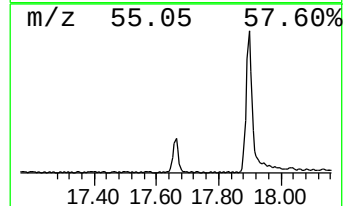
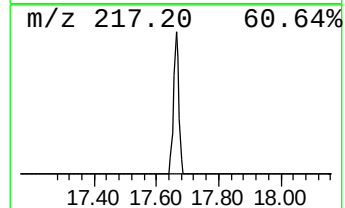
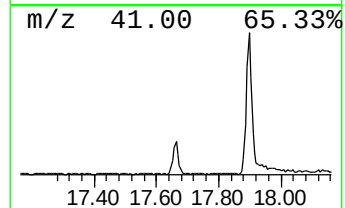
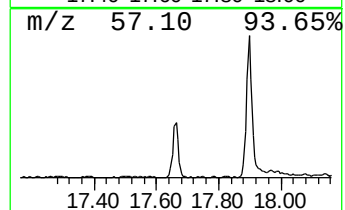
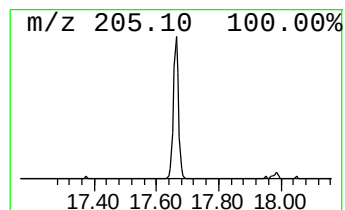
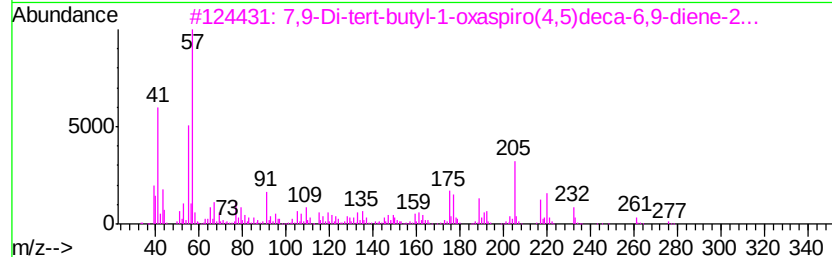
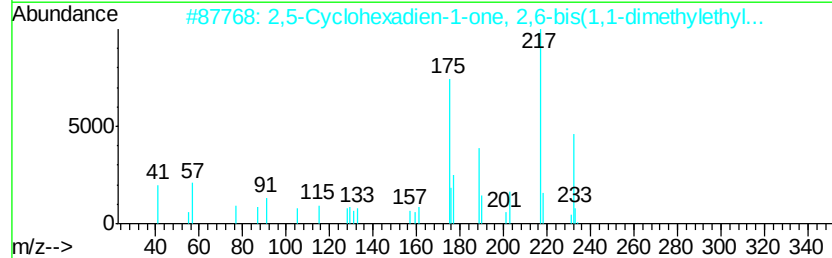
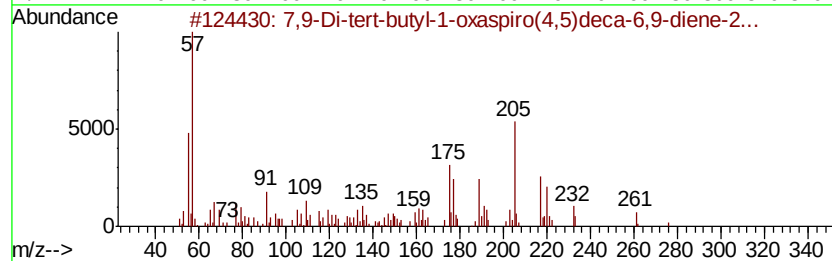
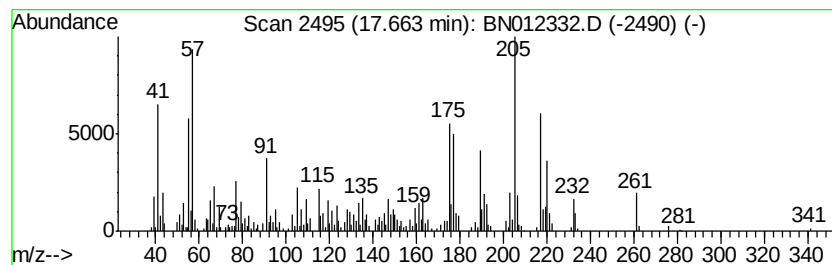
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.66	2.65 ng/ul	433308	Phenanthrene-d10	16.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	95
2	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	83
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	55
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	46
5	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	41



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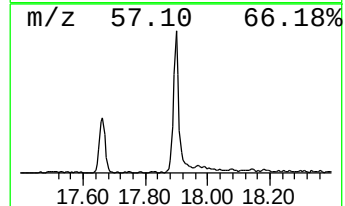
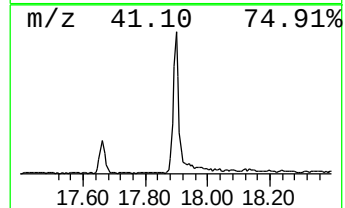
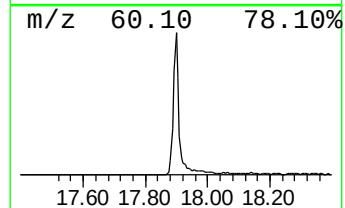
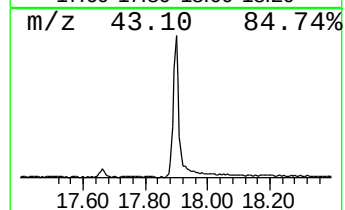
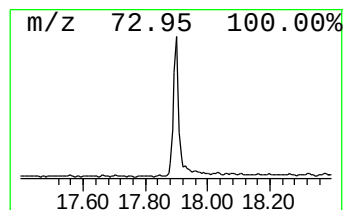
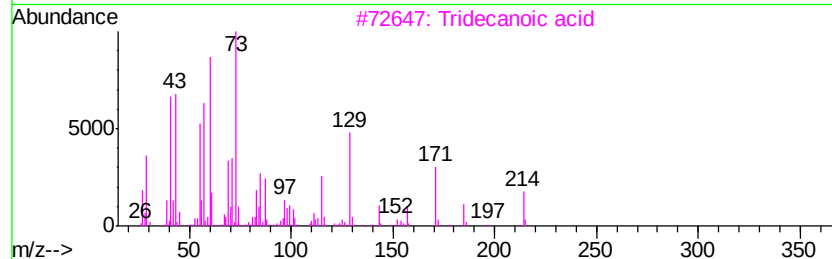
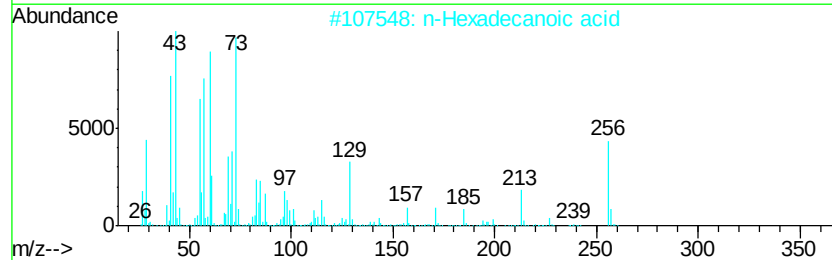
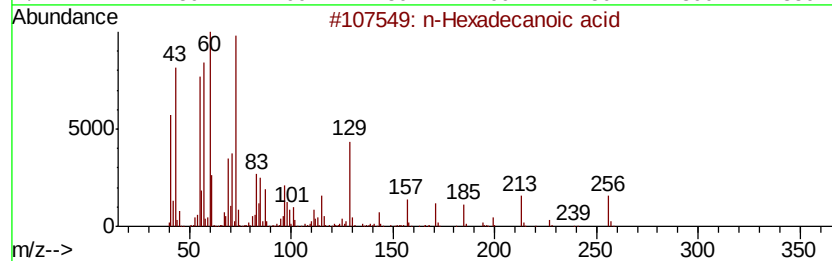
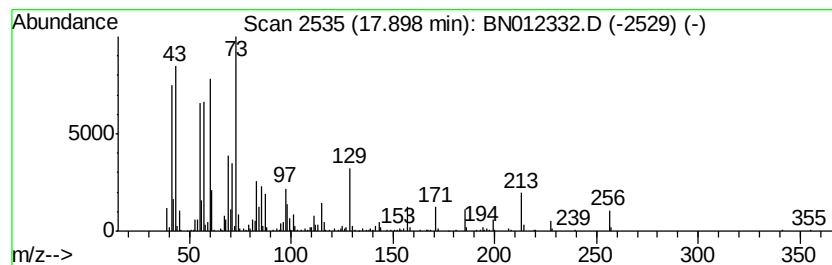
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	6.84 ng/ul	1117450	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tridecanoic acid	214	C13H26O2	000638-53-9	92
4		Tridecanoic acid	214	C13H26O2	000638-53-9	90
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90



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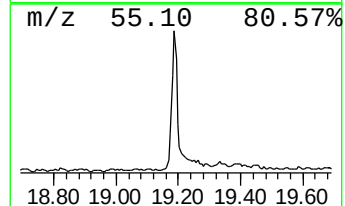
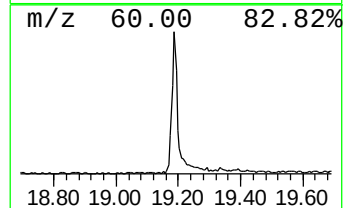
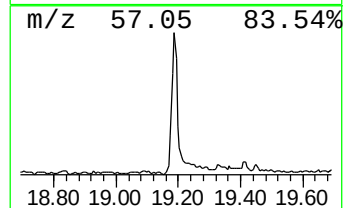
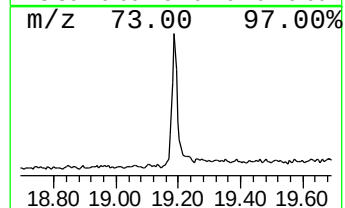
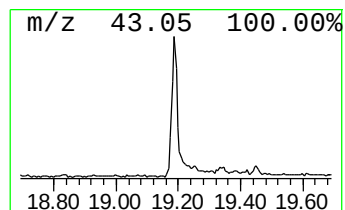
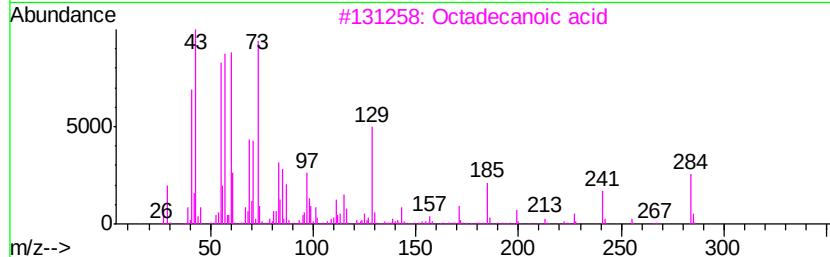
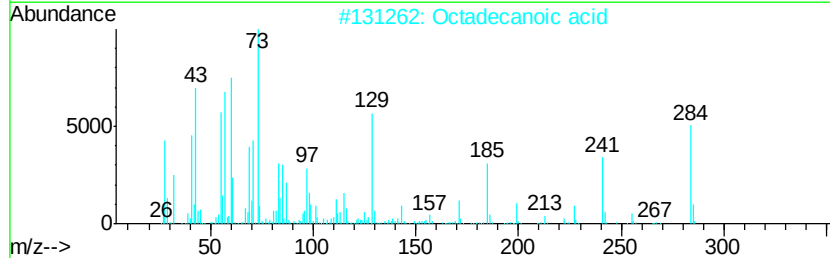
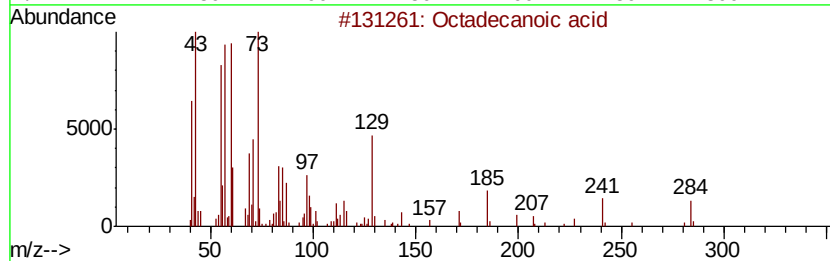
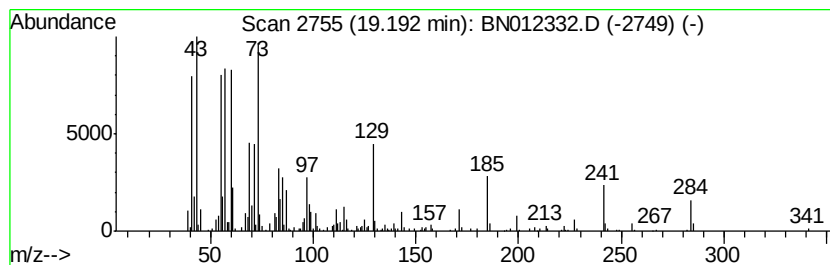
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	4.55 ng/ul	816406	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	99
4		Octadecanoic acid	284	C18H36O2	000057-11-4	94
5		Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	91



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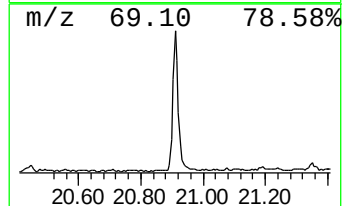
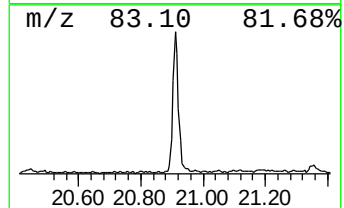
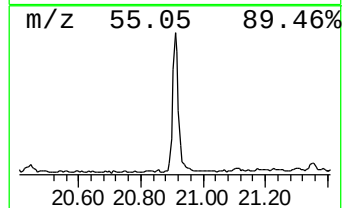
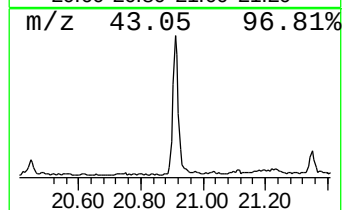
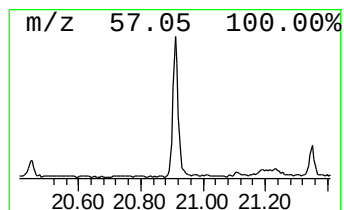
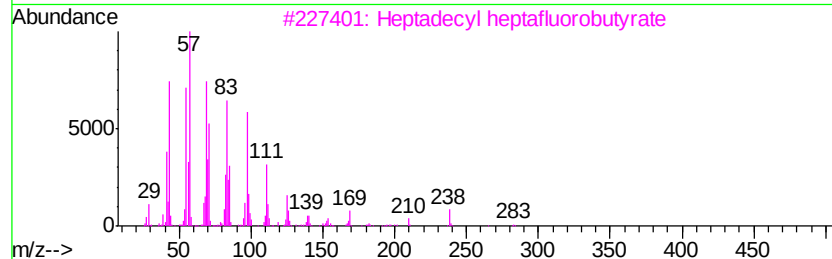
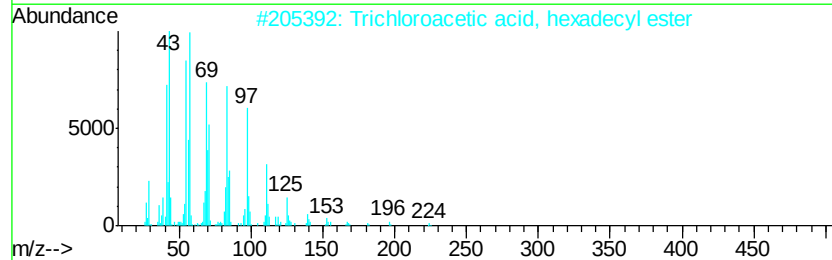
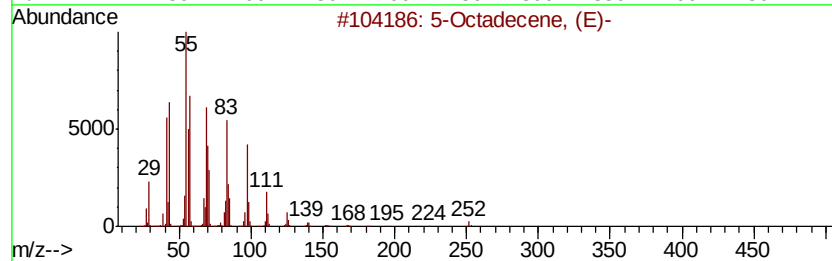
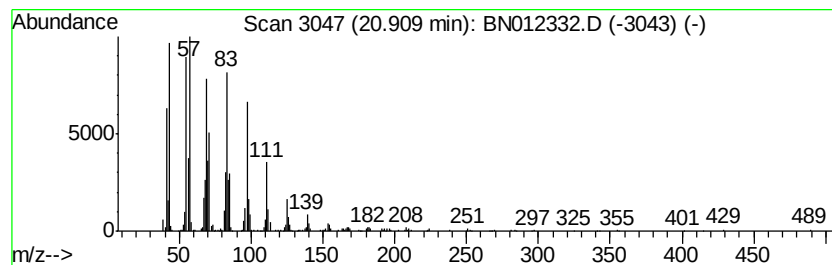
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	4.94 ng/ul	885555	Chrysene-d12	21.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5			Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
7,9-Di-tert-butyl...	17.66	2.6	ng/ul	433308	4	16.99	3268150	20.0
n-Hexadecanoic acid	17.90	6.8	ng/ul	1117450	4	16.99	3268150	20.0
Octadecanoic acid	19.19	4.5	ng/ul	816406	5	21.19	3586630	20.0
(DEL) Alkane: Str...	20.91	4.9	ng/ul	885555	5	21.19	3586630	20.0