

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102816\
 Data File : BM007744.D
 Acq On : 28 Oct 2016 15:50
 Operator : UM/SJ
 Sample : H5441-18
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PRERV-SS010-0003-01

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\SOM02.2-EPA-BM102016.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	2.640	6	9	19	rVB3	61475	134147	4.65%	0.378%
2	2.893	48	52	58	rVB	56633	72818	2.52%	0.205%
3	2.999	67	70	75	rVB3	34303	50431	1.75%	0.142%
4	3.087	80	85	91	rVB4	26011	44532	1.54%	0.126%
5	3.293	117	120	128	rVB	26221	36662	1.27%	0.103%
6	4.916	392	396	405	rBV2	23188	37503	1.30%	0.106%
7	5.763	535	540	549	rVB2	39459	65847	2.28%	0.186%
8	6.928	732	738	753	rVB2	402135	791761	27.44%	2.234%
9	7.092	760	766	778	rVB	327057	517208	17.92%	1.459%
10	7.287	790	799	807	rBV	438495	734998	25.47%	2.074%
11	7.751	871	878	886	rBV	677216	1110331	38.48%	3.132%
12	8.457	992	998	1010	rBV	480519	811215	28.11%	2.289%
13	8.910	1069	1075	1082	rBV	392420	660300	22.88%	1.863%
14	9.033	1090	1096	1106	rBV	40239	74764	2.59%	0.211%
15	9.628	1190	1197	1207	rBV	298275	529054	18.33%	1.493%
16	10.163	1281	1288	1302	rBV	476504	863078	29.91%	2.435%
17	10.533	1343	1351	1365	rVB	848536	1462799	50.69%	4.127%
18	10.680	1369	1376	1393	rBV	341050	685120	23.74%	1.933%
19	13.280	1813	1818	1822	rBV2	24546	37500	1.30%	0.106%
20	13.574	1861	1868	1874	rBV2	44855	72483	2.51%	0.204%
21	13.798	1899	1906	1910	rBV	908265	1259654	43.65%	3.554%
22	13.845	1910	1914	1922	rVB	934236	1277286	44.26%	3.603%
23	14.080	1947	1954	1965	rVB	968327	1484421	51.44%	4.188%
24	14.280	1982	1988	1995	rBV3	24212	39174	1.36%	0.111%
25	14.386	1998	2006	2013	rVV	1288440	1871141	64.85%	5.279%
26	14.615	2037	2045	2056	rBV	209703	474196	16.43%	1.338%
27	15.180	2136	2141	2146	rBV	56715	82261	2.85%	0.232%
28	15.233	2146	2150	2154	rVB	45412	60568	2.10%	0.171%
29	15.380	2169	2175	2182	rBV	1308215	1892563	65.59%	5.339%
30	15.521	2194	2199	2207	rBV	186763	297446	10.31%	0.839%
31	15.627	2211	2217	2220	rBV5	23185	49568	1.72%	0.140%
32	16.098	2292	2297	2299	rBV	60508	84905	2.94%	0.240%
33	16.886	2427	2431	2434	rBV3	49865	72537	2.51%	0.205%
34	17.027	2452	2455	2462	rVB8	42844	76374	2.65%	0.215%

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35	17.133	2467	2473	2478	rVV	1518077	2203931	76.38%	6.218%
36	17.174	2478	2480	2484	rVV	85400	113297	3.93%	0.320%
37	17.233	2484	2490	2501	rVB2	1383837	2053028	71.15%	5.792%
38	17.521	2534	2539	2546	rBV2	93337	162654	5.64%	0.459%
39	18.021	2620	2624	2628	rBV3	137940	223477	7.74%	0.630%
40	18.209	2651	2656	2659	rBV4	37830	74921	2.60%	0.211%
41	18.321	2671	2675	2679	rBV6	38631	67774	2.35%	0.191%
42	18.892	2768	2772	2781	rBV3	233975	415554	14.40%	1.172%
43	19.192	2820	2823	2829	rVB	258833	356051	12.34%	1.004%
44	19.527	2875	2880	2892	rBV2	1703981	2695806	93.42%	7.605%
45	21.321	3180	3185	3189	rBV	2165034	2885547	100.00%	8.141%
46	22.068	3308	3312	3322	rVB	927885	1392850	48.27%	3.929%
47	23.433	3539	3544	3550	rBV2	1311532	2279563	79.00%	6.431%
48	23.580	3564	3569	3576	rVB	1465613	2707391	93.83%	7.638%

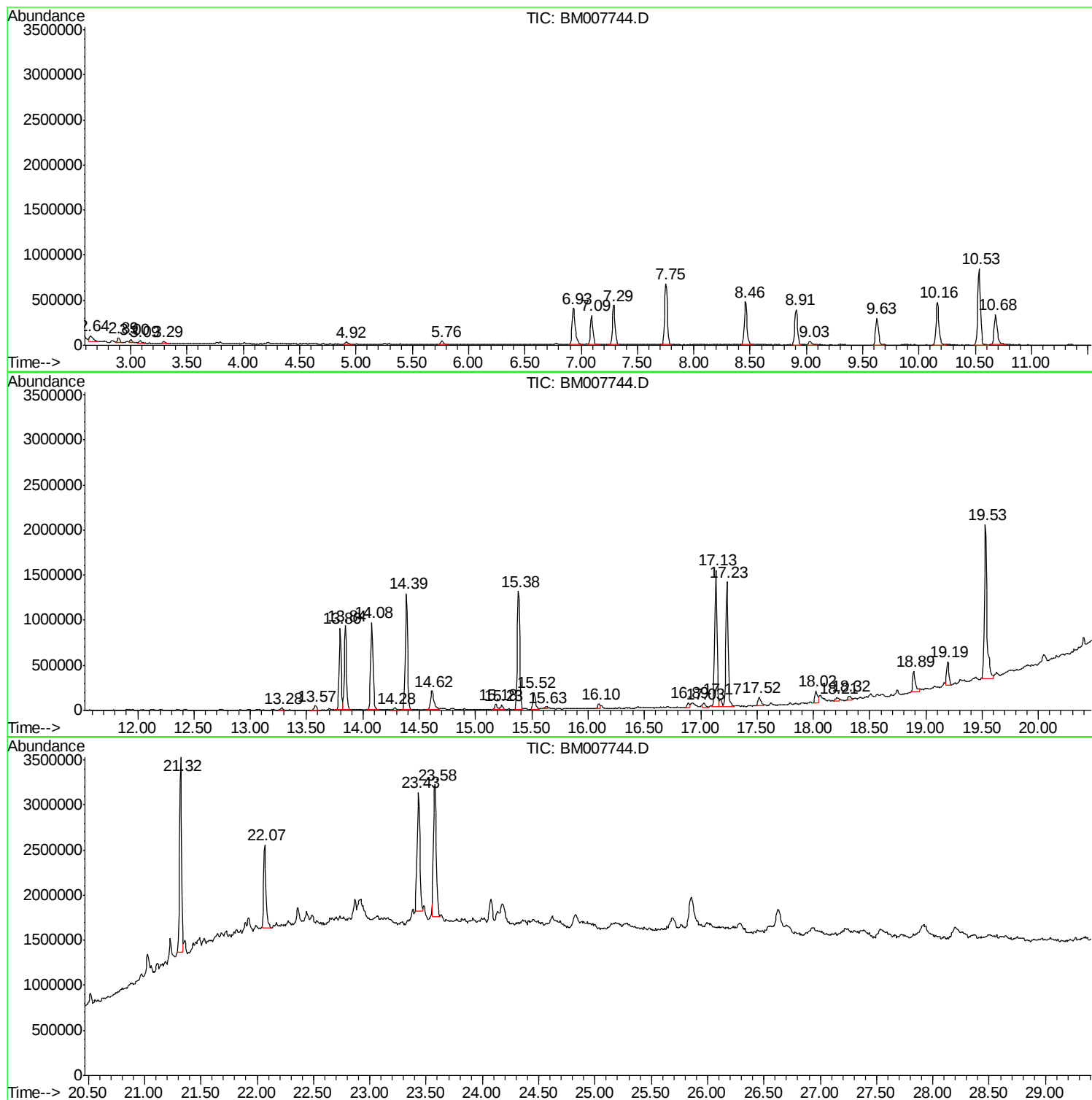
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

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



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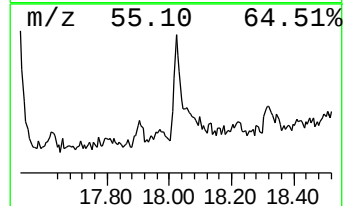
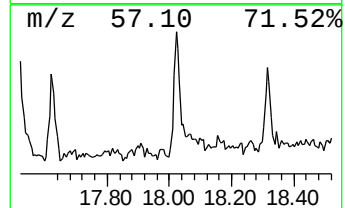
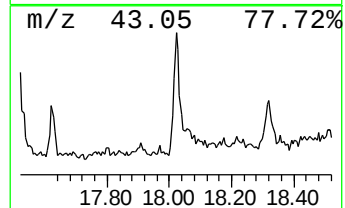
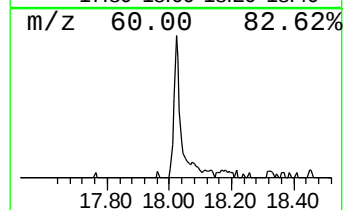
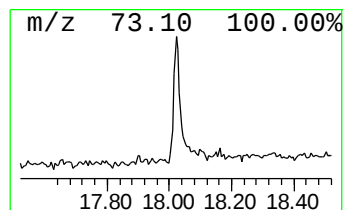
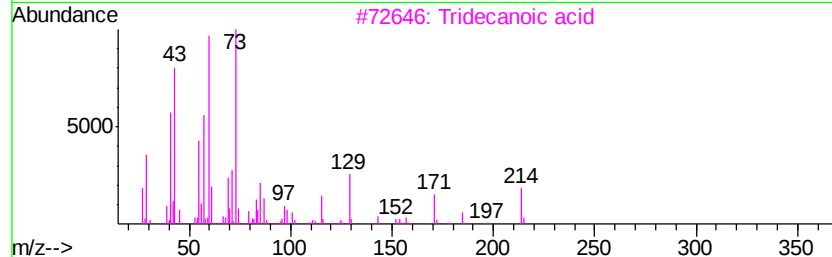
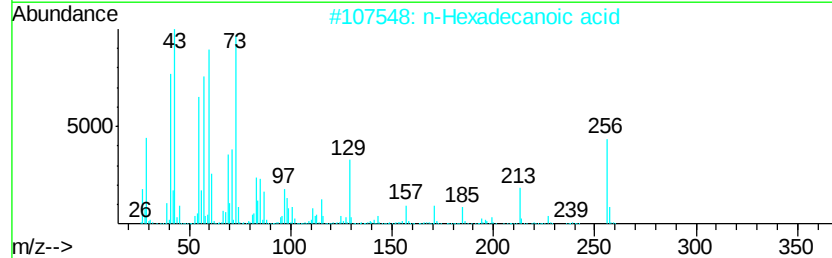
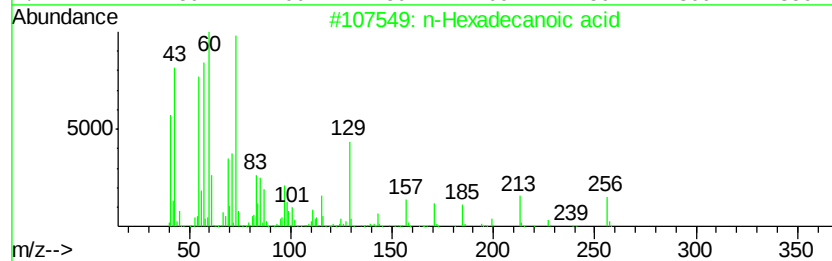
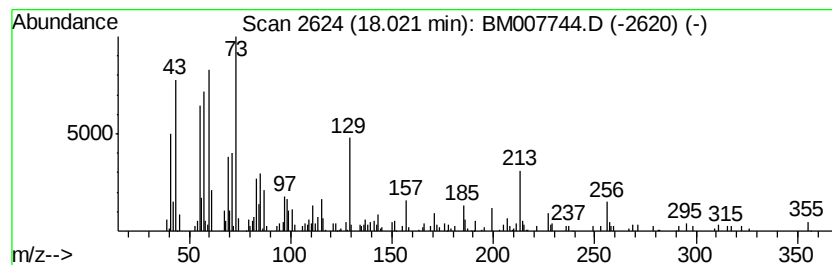
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	2.03 ng/ul	223477	Phenanthrene-d10	17.13

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	91
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	87



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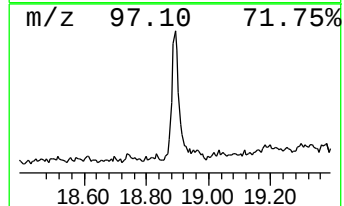
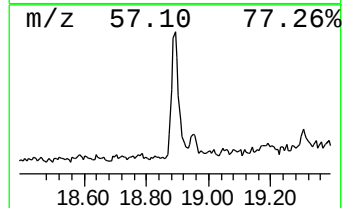
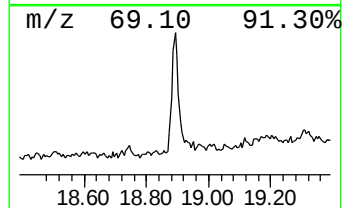
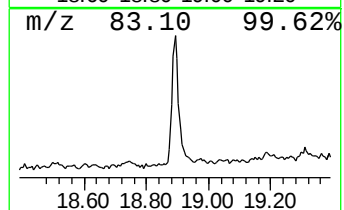
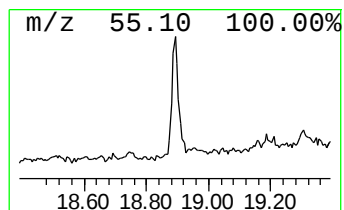
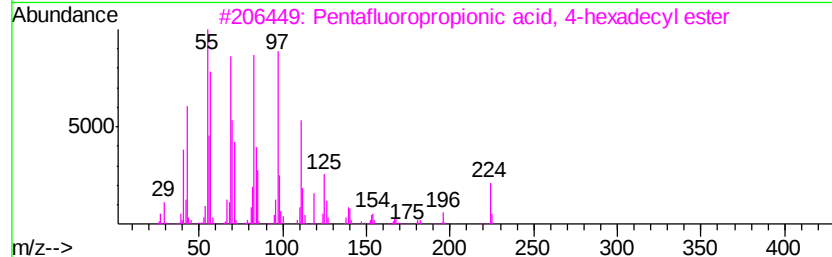
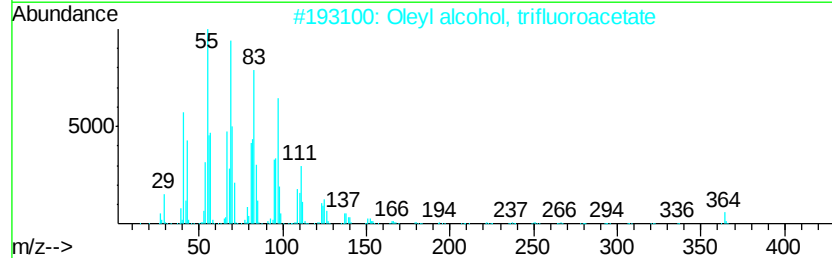
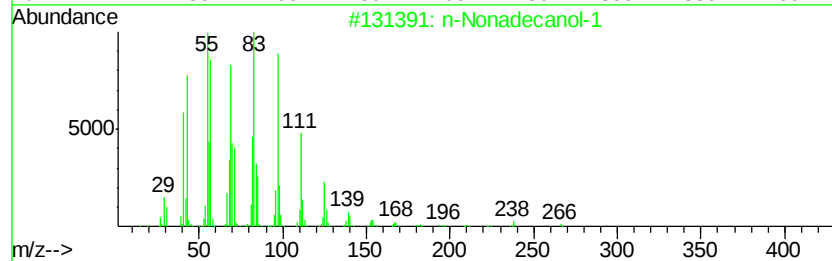
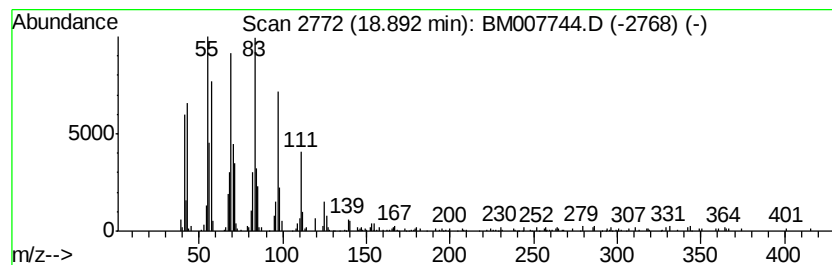
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Peak Number 3 n-Nonadecanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.89	3.77 ng/ul	415554	Phenanthrene-d10	17.13		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	94	
2	Oleyl alcohol, trifluoroacetate	364	C20H35F3O2	1000352-68-4	93	
3	Pentafluoropropionic acid, 4-hex...	388	C19H33F5O2	1000283-04-1	91	
4	Trifluoroacetic acid,n-tridecyl ...	296	C15H27F3O2	053800-02-5	91	
5	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	89	



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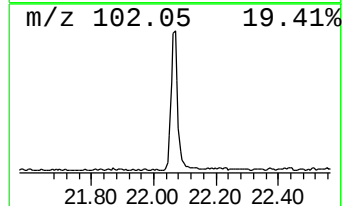
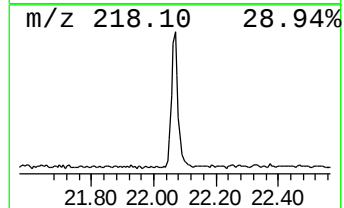
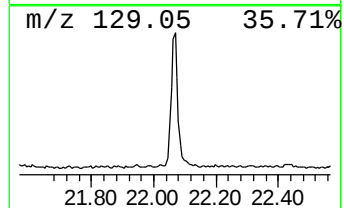
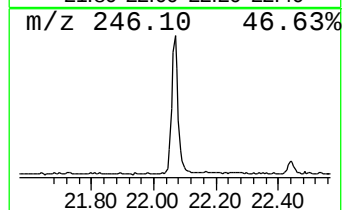
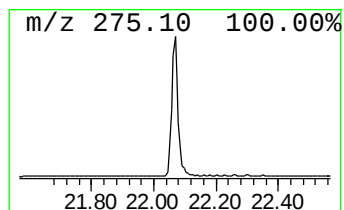
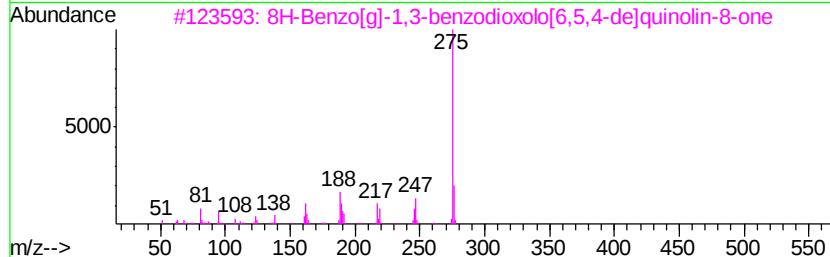
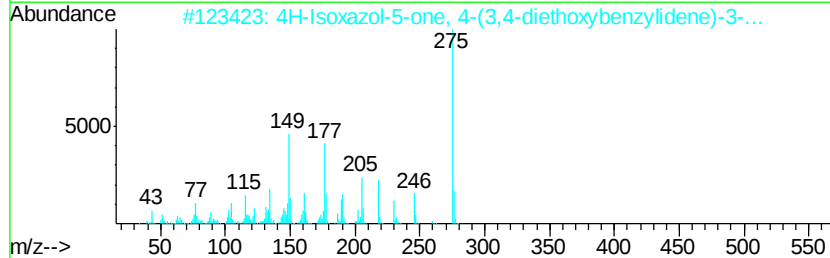
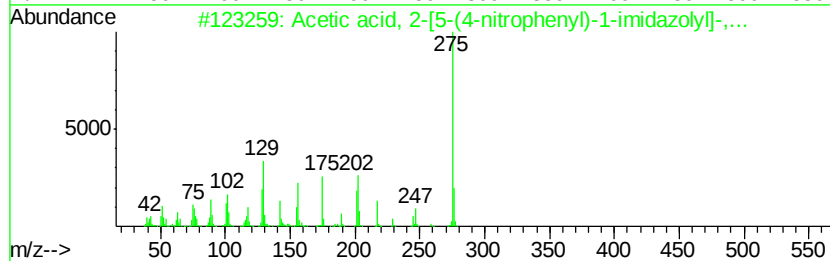
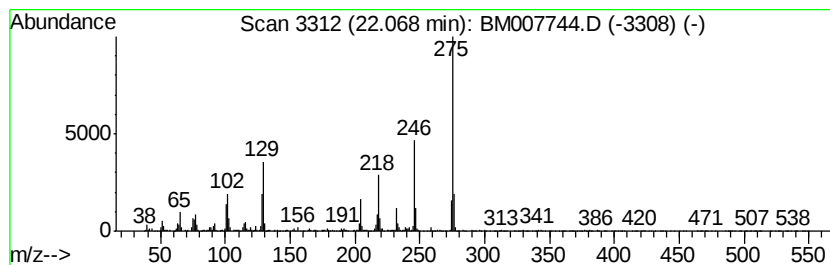
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Peak Number 4 Acetic acid, 2-[5-(4-nitrop... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.07	9.65 ng/ul	1392850	Chrysene-d12	21.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid, 2-[5-(4-nitrophenyl)...	275	C13H13N3O4	351064-45-4	58
2		4H-Isoxazol-5-one, 4-(3,4-dietho...	275	C15H17N04	1000316-44-0	43
3		8H-Benzo[g]-1,3-benzodioxolo[6,5...	275	C17H9N03	000475-75-2	41
4		1-Methyl-5'-phenylspiro(indoline...	275	C17H13N3O	015970-21-5	38
5		3,5-Diamino-6-[3,4-diethoxypheny...	275	C13H17N5O2	058848-69-4	37



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.02	2.0	ng/ul	223477	4	17.13	2203930	20.0
n-Nonadecanol-1	18.89	3.8	ng/ul	415554	4	17.13	2203930	20.0
Acetic acid, 2-[5...	22.07	9.7	ng/ul	1392850	5	21.32	2885550	20.0