

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122719\
 Data File : BM024339.D
 Acq On : 27 Dec 2019 22:44
 Operator : JU
 Sample : K6281-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFQX4

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_M\METHODS\SOM-EPA-BM121719MA.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	2.987	14	17	25	rVB	57174	85147	1.49%	0.145%
2	3.681	131	135	139	rVB2	11916	18460	0.32%	0.031%
3	4.116	206	209	213	rVB4	8188	11660	0.20%	0.020%
4	4.904	339	343	349	rVB3	14042	24174	0.42%	0.041%
5	5.445	431	435	436	rBV4	4236	5755	0.10%	0.010%
6	6.575	622	627	630	rBV4	7012	10298	0.18%	0.017%
7	6.622	630	635	652	rVB	225992	469446	8.21%	0.798%
8	6.769	652	660	671	rBV	767424	1280246	22.38%	2.175%
9	6.957	684	692	702	rBV	841899	1450670	25.36%	2.465%
10	7.075	709	712	718	rVB3	17268	29127	0.51%	0.049%
11	7.263	740	744	745	rBV4	5011	6109	0.11%	0.010%
12	7.416	763	770	780	rBV	842289	1405594	24.57%	2.388%
13	7.498	780	784	787	rVV5	9312	18597	0.33%	0.032%
14	7.528	787	789	794	rVB5	10495	11827	0.21%	0.020%
15	7.845	840	843	848	rVV7	3878	6314	0.11%	0.011%
16	8.145	886	894	909	rBV	631461	1170104	20.45%	1.988%
17	8.339	925	927	932	rVB5	4665	6080	0.11%	0.010%
18	8.451	941	946	954	rBV6	14739	30314	0.53%	0.051%
19	8.569	960	966	977	rBV	925908	1594416	27.87%	2.709%
20	8.651	977	980	989	rVB10	20028	39731	0.69%	0.067%
21	8.786	1001	1003	1007	rVB4	6239	6241	0.11%	0.011%
22	8.998	1031	1039	1043	rBV	26310	45385	0.79%	0.077%
23	9.039	1043	1046	1050	rVV4	21911	33585	0.59%	0.057%
24	9.080	1050	1053	1057	rVB5	11863	13802	0.24%	0.023%
25	9.286	1076	1088	1098	rVV	771616	1359542	23.76%	2.310%
26	9.551	1131	1133	1136	rBV4	5881	7642	0.13%	0.013%
27	9.604	1138	1142	1145	rVB6	5462	7874	0.14%	0.013%
28	9.751	1165	1167	1171	rVB4	6013	6781	0.12%	0.012%
29	9.827	1173	1180	1197	rBV	1022868	2035137	35.57%	3.457%
30	9.986	1203	1207	1211	rVB7	9524	17730	0.31%	0.030%
31	10.180	1232	1240	1248	rBV	1209306	1987072	34.73%	3.376%
32	10.357	1264	1270	1277	rBV3	40635	92001	1.61%	0.156%
33	10.475	1283	1290	1291	rBV6	16480	25089	0.44%	0.043%
34	10.492	1291	1293	1300	rVB6	11213	22000	0.38%	0.037%

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35	10.633	1310	1317	1323	rBV2	76578	135456	2.37%	0.230%
36	10.692	1323	1327	1331	rVV6	14697	19589	0.34%	0.033%
37	10.827	1345	1350	1353	rBV6	10489	16772	0.29%	0.028%
38	10.874	1353	1358	1363	rVB8	14201	26787	0.47%	0.046%
39	10.974	1369	1375	1377	rBV5	19102	30620	0.54%	0.052%
40	11.069	1387	1391	1394	rVB5	12109	18041	0.32%	0.031%
41	11.116	1395	1399	1403	rVB7	8021	12884	0.23%	0.022%
42	11.180	1405	1410	1416	rBV8	22128	43194	0.75%	0.073%
43	11.239	1416	1420	1426	rVB6	19938	36924	0.65%	0.063%
44	11.480	1457	1461	1465	rVB7	7849	12758	0.22%	0.022%
45	11.539	1465	1471	1472	rBV5	11480	18554	0.32%	0.032%
46	11.557	1472	1474	1481	rVB6	10651	13844	0.24%	0.024%
47	11.616	1481	1484	1489	rBV6	6953	10562	0.18%	0.018%
48	11.710	1496	1500	1502	rBV4	8224	9658	0.17%	0.016%
49	11.757	1503	1508	1509	rVV5	9488	14081	0.25%	0.024%
50	11.792	1511	1514	1522	rVV6	18046	40574	0.71%	0.069%
51	11.880	1526	1529	1534	rVB6	12053	18188	0.32%	0.031%
52	12.010	1548	1551	1555	rBV5	7297	8063	0.14%	0.014%
53	12.174	1575	1579	1582	rBV5	6465	12216	0.21%	0.021%
54	12.245	1588	1591	1601	rVB10	25731	57945	1.01%	0.098%
55	12.457	1622	1627	1632	rBV4	40612	67594	1.18%	0.115%
56	12.516	1634	1637	1641	rVB6	16609	22949	0.40%	0.039%
57	12.574	1641	1647	1652	rVB8	13982	28734	0.50%	0.049%
58	12.686	1663	1666	1671	rVB6	9416	15534	0.27%	0.026%
59	12.992	1713	1718	1723	rBV3	27160	44645	0.78%	0.076%
60	13.116	1734	1739	1741	rBV6	8439	12285	0.21%	0.021%
61	13.345	1768	1778	1781	rBV9	16032	38479	0.67%	0.065%
62	13.504	1799	1805	1811	rBV	2153015	2972826	51.96%	5.050%
63	13.551	1811	1813	1821	rVB	83125	119274	2.08%	0.203%
64	13.651	1826	1830	1832	rVB5	8271	11931	0.21%	0.020%
65	13.768	1843	1850	1860	rBV	2415604	3641073	63.64%	6.186%
66	13.915	1870	1875	1878	rBV	80830	123817	2.16%	0.210%
67	13.963	1878	1883	1897	rVV3	68298	214816	3.75%	0.365%
68	14.080	1897	1903	1911	rVB	1770151	2586244	45.20%	4.394%
69	14.180	1916	1920	1932	rBV	110266	200893	3.51%	0.341%
70	14.357	1945	1950	1964	rBV2	120281	327606	5.73%	0.557%
71	15.080	2067	2073	2082	rBV	3120354	4475389	78.22%	7.603%

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72	15.157	2083	2086	2092	rVV8	21140	33532	0.59%	0.057%
73	15.239	2095	2100	2111	rVV	920148	1410381	24.65%	2.396%
74	15.362	2111	2121	2129	rVB2	282963	553990	9.68%	0.941%
75	15.604	2158	2162	2167	rVB2	29829	53849	0.94%	0.091%
76	15.674	2169	2174	2179	rBV	375679	518485	9.06%	0.881%
77	15.733	2179	2184	2197	rVV	231128	365696	6.39%	0.621%
78	16.104	2244	2247	2251	rVB3	37937	43714	0.76%	0.074%
79	16.168	2255	2258	2264	rVV3	46592	77162	1.35%	0.131%
80	16.251	2268	2272	2278	rBV	31237	45691	0.80%	0.078%
81	16.409	2296	2299	2304	rBV5	22214	31355	0.55%	0.053%
82	16.551	2321	2323	2328	rVB6	22833	31628	0.55%	0.054%
83	16.627	2333	2336	2341	rVB7	21730	32759	0.57%	0.056%
84	16.839	2366	2372	2381	rVB	2021916	2840830	49.65%	4.826%
85	16.939	2383	2389	2403	rVV2	3240178	4703542	82.21%	7.991%
86	17.768	2525	2530	2535	rBV	228636	359499	6.28%	0.611%
87	18.880	2717	2719	2722	rBV	31697	30919	0.54%	0.053%
88	19.062	2746	2750	2757	rBV4	81865	148738	2.60%	0.253%
89	19.245	2776	2781	2791	rBV	3900550	5253481	91.82%	8.925%
90	20.791	3040	3044	3050	rBV	630943	780179	13.64%	1.325%
91	21.050	3084	3088	3096	rBV	2508128	3056470	53.42%	5.193%
92	22.086	3261	3264	3267	rVB	204868	226219	3.95%	0.384%
93	22.556	3342	3344	3349	rVB	256112	310047	5.42%	0.527%
94	23.038	3420	3426	3432	rBV	3195176	5721341	100.00%	9.720%
95	23.174	3443	3449	3461	rVB	1883896	3438203	60.09%	5.841%

Sum of corrected areas: 58862459

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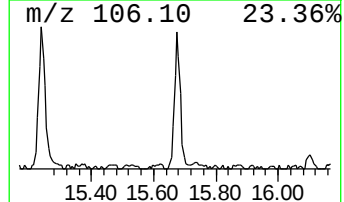
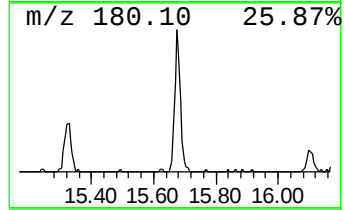
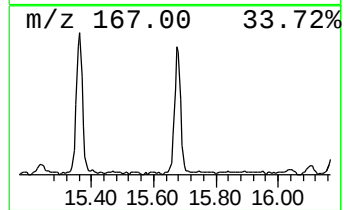
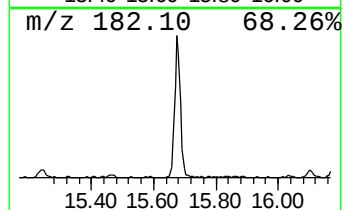
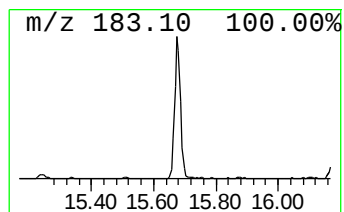
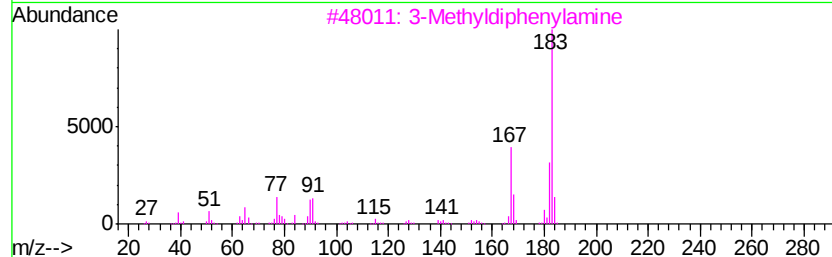
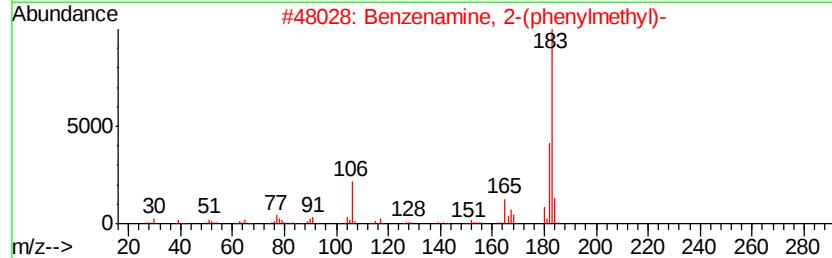
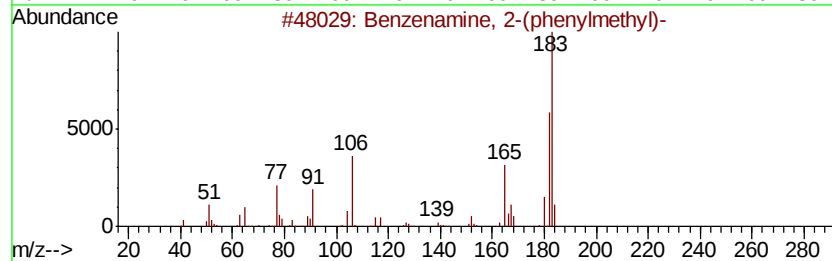
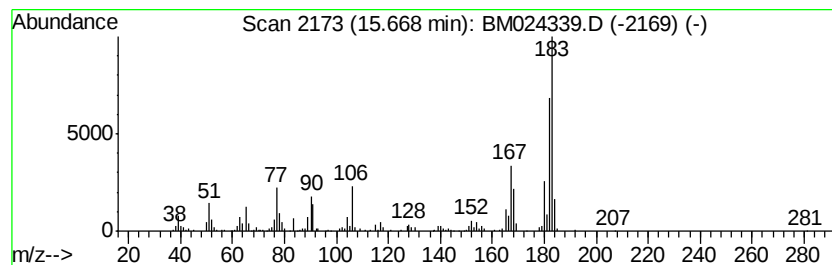
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzenamine, 2-(phenylmethyl)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.67	3.65 ng/ul	518485	Phenanthrene-d10		16.84	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzenamine, 2-(phenylmethyl)-	183	C13H13N	028059-64-5	76
2		Benzenamine, 2-(phenylmethyl)-	183	C13H13N	028059-64-5	58
3		3-Methyldiphenylamine	183	C13H13N	001205-64-7	58
4		2-Biphenylamine, 3-methyl-	183	C13H13N	014294-33-8	53
5		Benzenamine, 4-(phenylmethyl)-	183	C13H13N	001135-12-2	52



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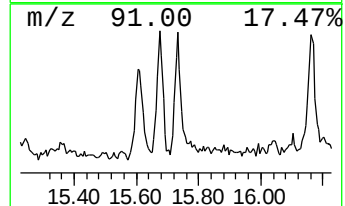
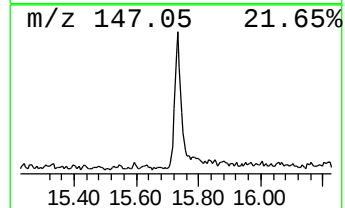
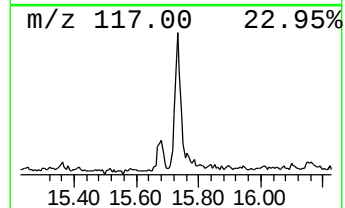
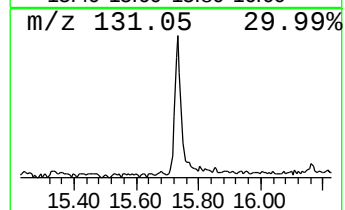
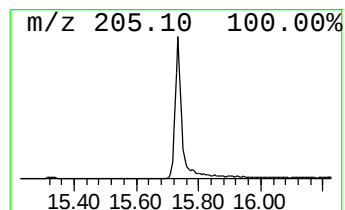
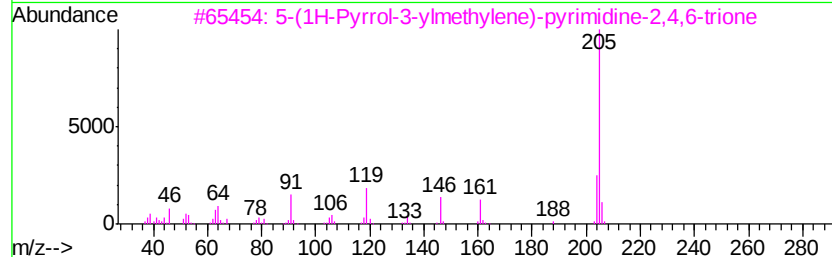
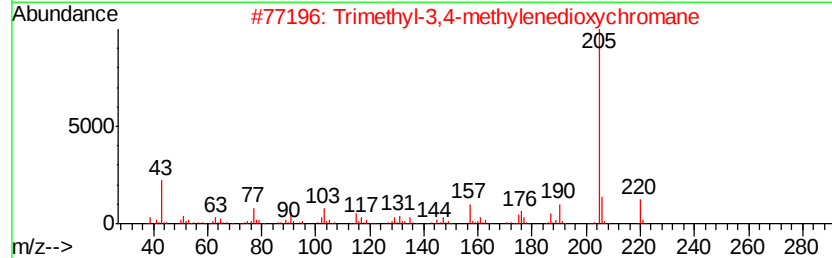
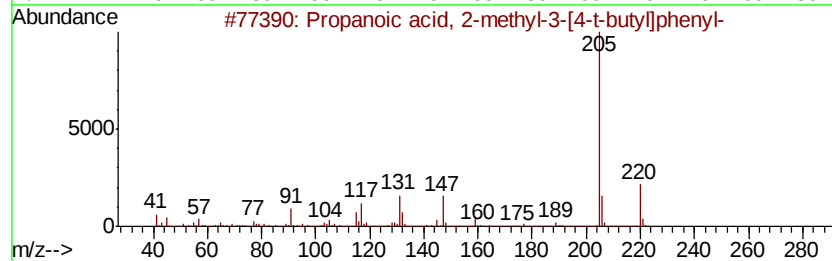
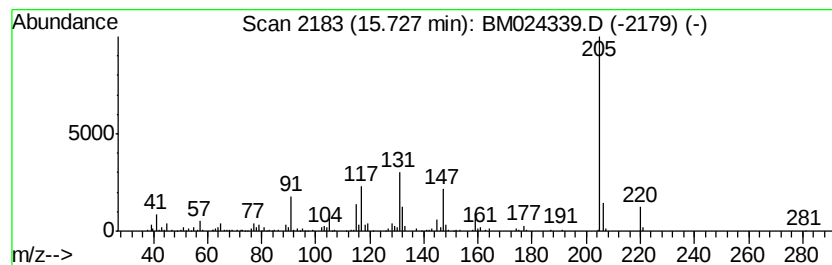
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Propanoic acid, 2-methyl-3-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	2.57 ng/ul	365696	Phenanthrene-d10	16.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2-methyl-3-[4-t-...	220	C14H20O2	1000131-87-0	97
2		Trimethyl-3,4-methylenedioxychro...	220	C13H16O3	1000378-97-7	43
3		5-(1H-Pyrrol-3-ylmethylene)-pyri...	205	C9H7N3O3	1000318-16-3	38
4		Phenol, 4,6-di(1,1-dimethylethyl...	220	C15H24O	000616-55-7	37
5		Succinic acid, 3,5-dimethylpheny...	340	C21H24O4	1000360-73-3	37



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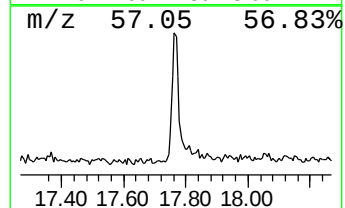
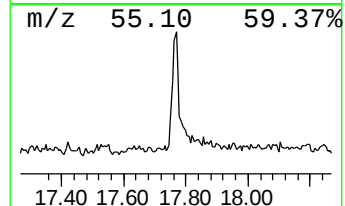
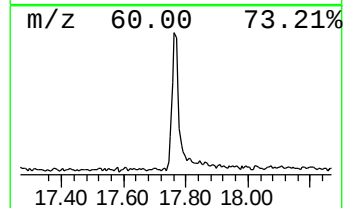
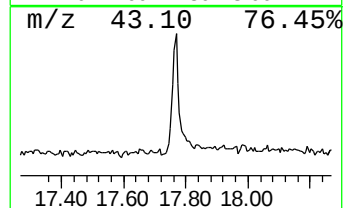
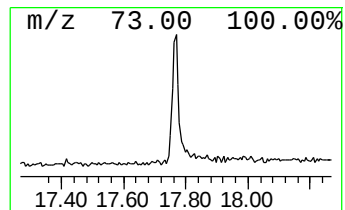
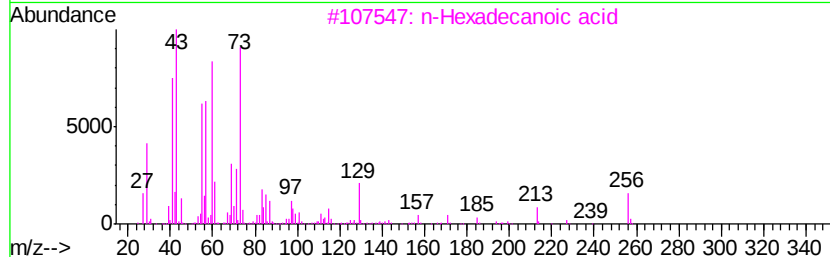
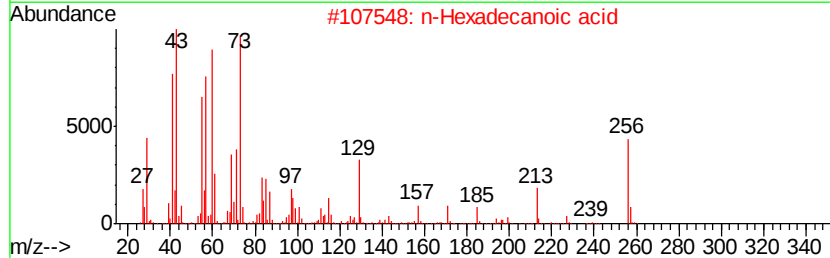
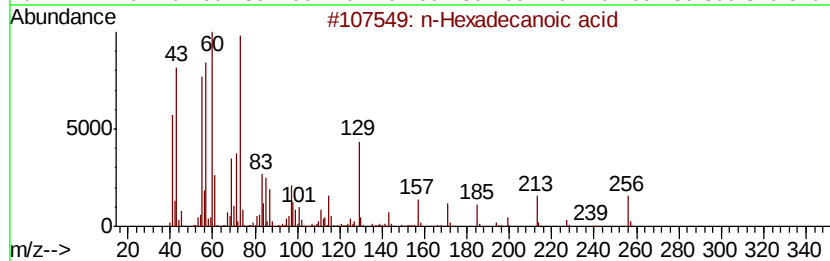
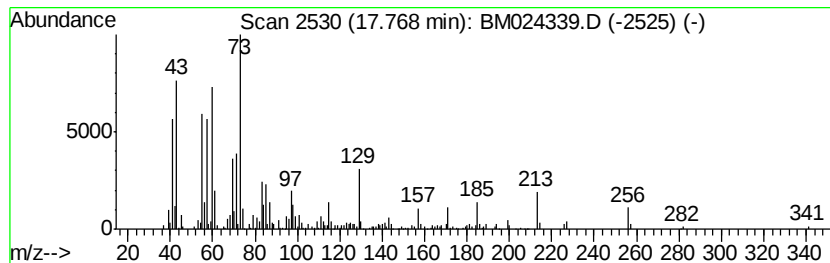
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	2.53 ng/ul	359499	Phenanthrene-d10	16.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83	
5	Octadecanoic acid	284	C18H36O2	000057-11-4	81	



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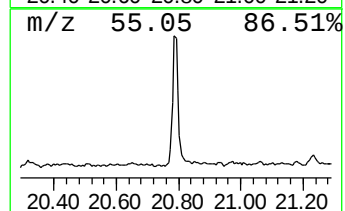
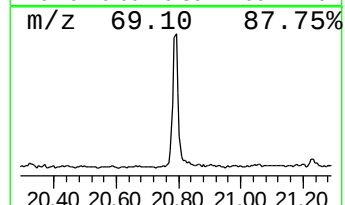
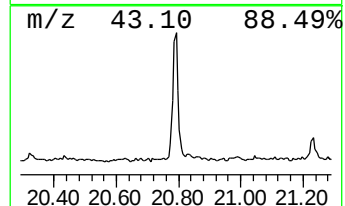
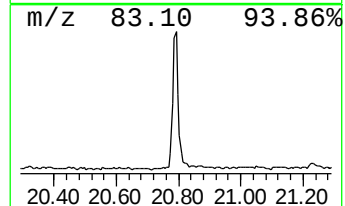
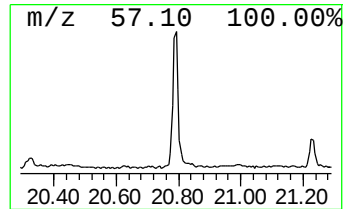
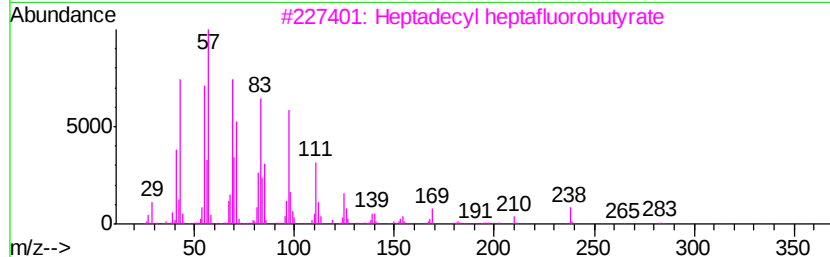
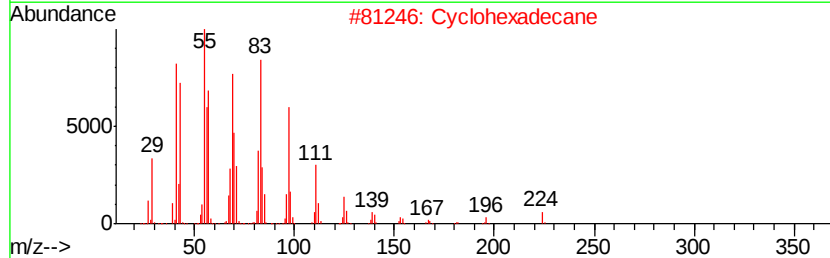
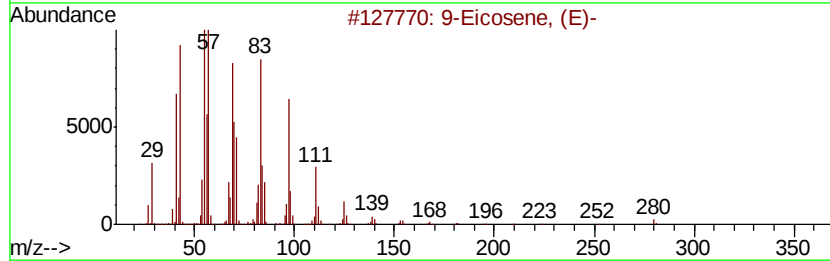
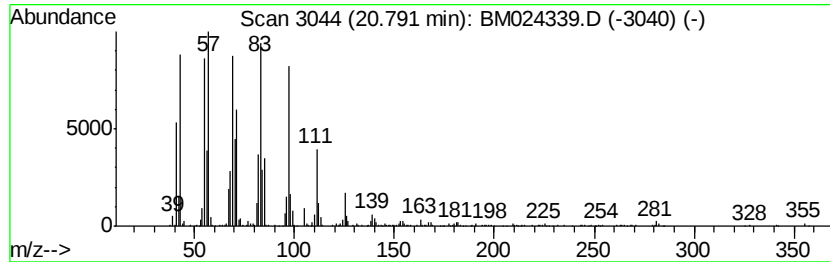
Instrument :
BNA_M
ClientSampleId :
BFQX4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic20.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.79	5.11 ng/ul	780179	Chrysene-d12		21.05	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-		280	C20H40	074685-29-3	95
2	Cyclohexadecane		224	C16H32	000295-65-8	94
3	Heptadecyl heptafluorobutvrate		452	C21H35F7O2	959085-66-6	94
4	Trifluoroacetoxy hexadecane		338	C18H33F3O2	006222-03-3	94
5	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122719\
Data File : BM024339.D
Acq On : 27 Dec 2019 22:44
Operator : JU
Sample : K6281-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFQX4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzenamine, 2-(p...	15.67	3.6	ng/ul	518485	4	16.84	2840830	20.0
Propanoic acid, 2...	15.73	2.6	ng/ul	365696	4	16.84	2840830	20.0
n-Hexadecanoic acid	17.77	2.5	ng/ul	359499	4	16.84	2840830	20.0
(DEL) Alkane: Cyc...	20.79	5.1	ng/ul	780179	5	21.05	3056470	20.0