

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
 Data File : BP000780.D
 Acq On : 15 Oct 2019 20:59
 Operator : JU
 Sample : K5178-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BEPE8

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_P\METHODS\SOM-EPA-BP100919MA.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	2.364	45	47	62	rVB	27978	43039	1.75%	0.127%
2	3.317	203	209	219	rVB4	3825	7725	0.31%	0.023%
3	3.511	238	242	254	rVB	17540	30494	1.24%	0.090%
4	3.722	274	278	281	rVV	10816	15786	0.64%	0.046%
5	3.758	281	284	291	rVB	10521	14785	0.60%	0.044%
6	4.916	478	481	485	rVB	11986	11102	0.45%	0.033%
7	6.058	673	675	683	rVB2	7435	8713	0.35%	0.026%
8	6.387	727	731	736	rBV	800002	794823	32.23%	2.341%
9	6.428	736	738	750	rVV	691818	647725	26.27%	1.908%
10	6.516	750	753	761	rVV	909868	832400	33.76%	2.452%
11	6.746	789	792	802	rBV	1202057	1095442	44.43%	3.226%
12	6.816	802	804	811	rVB2	7377	7968	0.32%	0.023%
13	7.134	854	858	871	rBV	918142	822543	33.36%	2.423%
14	7.305	884	887	894	rBV	885407	692850	28.10%	2.041%
15	7.522	921	924	928	rVB	16761	13998	0.57%	0.041%
16	7.634	939	943	955	rBV	699701	559336	22.68%	1.647%
17	7.881	982	985	993	rBV	1031426	916609	37.17%	2.700%
18	7.940	993	995	1007	rVV5	15650	32006	1.30%	0.094%
19	8.034	1007	1011	1014	rVV	1688531	1410793	57.21%	4.155%
20	8.093	1018	1021	1038	rVB	924319	772915	31.35%	2.277%
21	8.428	1076	1078	1083	rVV3	5657	7213	0.29%	0.021%
22	8.716	1125	1127	1131	rBV	15969	14224	0.58%	0.042%
23	9.199	1206	1209	1212	rBV2	16364	20258	0.82%	0.060%
24	9.234	1212	1215	1219	rVV	120765	114833	4.66%	0.338%
25	9.416	1243	1246	1249	rBV	14275	13918	0.56%	0.041%
26	9.451	1249	1252	1255	rBV2	12672	11573	0.47%	0.034%
27	9.487	1255	1258	1260	rBV	1589200	1245267	50.50%	3.668%
28	9.510	1260	1262	1265	rVB	1056517	746909	30.29%	2.200%
29	9.640	1281	1284	1294	rVB	2085900	1669009	67.69%	4.916%
30	9.722	1294	1298	1303	rVB2	12833	17203	0.70%	0.051%
31	9.799	1307	1311	1314	rBV	1897407	1668399	67.66%	4.914%
32	9.828	1314	1316	1319	rVB	9381	8058	0.33%	0.024%
33	9.863	1319	1322	1327	rVB	35141	27126	1.10%	0.080%
34	9.928	1327	1333	1340	rBV	1597695	1576807	63.95%	4.644%

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35	10.004	1344	1346	1359	rVB	126707	127272	5.16%	0.375%
36	10.210	1378	1381	1384	rBV2	11473	12877	0.52%	0.038%
37	10.240	1384	1386	1390	rVB2	11749	9217	0.37%	0.027%
38	10.316	1396	1399	1403	rVB	2301602	1912845	77.57%	5.634%
39	10.346	1403	1404	1408	rVB	19542	10962	0.44%	0.032%
40	10.393	1408	1412	1418	rBV	341014	312227	12.66%	0.920%
41	10.446	1418	1421	1429	rVB	33577	38006	1.54%	0.112%
42	10.510	1429	1432	1436	rVB2	8079	9250	0.38%	0.027%
43	10.634	1449	1453	1455	rBV5	5829	8204	0.33%	0.024%
44	10.716	1465	1467	1470	rBV4	8499	9143	0.37%	0.027%
45	10.746	1470	1472	1476	rVB2	10186	8579	0.35%	0.025%
46	10.869	1490	1493	1497	rBV3	6723	9209	0.37%	0.027%
47	11.104	1530	1533	1536	rVB3	7470	8903	0.36%	0.026%
48	11.169	1542	1544	1546	rBV	10136	8160	0.33%	0.024%
49	11.293	1561	1565	1568	rVV	2142788	1740481	70.58%	5.126%
50	11.316	1568	1569	1571	rVV	128239	78245	3.17%	0.230%
51	11.351	1571	1575	1578	rVV	2313843	1910489	77.48%	5.627%
52	11.410	1582	1585	1588	rVB2	8756	8453	0.34%	0.025%
53	11.528	1600	1605	1614	rBV3	31240	54910	2.23%	0.162%
54	11.698	1632	1634	1639	rVB3	8374	11862	0.48%	0.035%
55	11.804	1648	1652	1654	rBV2	25471	23658	0.96%	0.070%
56	11.834	1654	1657	1661	rBV2	73317	77217	3.13%	0.227%
57	11.916	1667	1671	1673	rBV2	37555	39046	1.58%	0.115%
58	11.940	1673	1675	1678	rVB	19971	14702	0.60%	0.043%
59	12.010	1685	1687	1689	rBV3	12996	11127	0.45%	0.033%
60	12.104	1700	1703	1705	rBV2	18132	18958	0.77%	0.056%
61	12.128	1705	1707	1711	rVB3	16755	14449	0.59%	0.043%
62	12.251	1726	1728	1731	rVB	9294	7407	0.30%	0.022%
63	12.287	1731	1734	1735	rBV	7889	7276	0.30%	0.021%
64	12.357	1743	1746	1751	rBV	139308	175235	7.11%	0.516%
65	12.404	1752	1754	1758	rVV3	41521	50802	2.06%	0.150%
66	12.445	1758	1761	1767	rVV4	19038	27417	1.11%	0.081%
67	12.522	1771	1774	1777	rVV	231349	198819	8.06%	0.586%
68	12.563	1778	1781	1784	rVV2	37057	35154	1.43%	0.104%
69	12.616	1788	1790	1793	rBV	9269	11130	0.45%	0.033%
70	12.663	1794	1798	1804	rVV2	31925	44001	1.78%	0.130%
71	12.734	1806	1810	1816	rVV	2544743	2465816	100.00%	7.263%

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72	12.781	1816	1818	1820	rVV2	34078	33122	1.34%	0.098%
73	12.804	1820	1822	1827	rVB3	23123	26264	1.07%	0.077%
74	12.845	1827	1829	1831	rBV	14907	11269	0.46%	0.033%
75	12.975	1848	1851	1855	rBV2	17149	22089	0.90%	0.065%
76	13.063	1864	1866	1868	rBV2	12935	15155	0.61%	0.045%
77	13.087	1868	1870	1873	rVB	40202	33922	1.38%	0.100%
78	13.145	1873	1880	1884	rBV3	60121	96765	3.92%	0.285%
79	13.192	1885	1888	1890	rVV	29759	26293	1.07%	0.077%
80	13.287	1901	1904	1907	rVB	30409	28042	1.14%	0.083%
81	13.316	1907	1909	1913	rBV2	32209	32815	1.33%	0.097%
82	13.492	1936	1939	1942	rBV	53729	45993	1.87%	0.135%
83	13.604	1956	1958	1963	rVB	23921	25610	1.04%	0.075%
84	13.740	1979	1981	1984	rVB	17739	13152	0.53%	0.039%
85	13.816	1991	1994	2012	rBV2	440671	600489	24.35%	1.769%
86	13.969	2015	2020	2023	rVV	2030581	1922058	77.95%	5.661%
87	13.992	2023	2024	2032	rVB	140476	112685	4.57%	0.332%
88	14.145	2047	2050	2056	rBV2	104443	91739	3.72%	0.270%
89	14.363	2085	2087	2091	rVB	32547	23878	0.97%	0.070%
90	14.457	2100	2103	2107	rBV2	157100	173797	7.05%	0.512%
91	14.763	2152	2155	2163	rBV	147584	172939	7.01%	0.509%
92	15.016	2195	2198	2202	rBV	116833	183400	7.44%	0.540%
93	15.104	2210	2213	2224	rVB2	172997	248788	10.09%	0.733%
94	15.322	2247	2250	2251	rBV	64770	62725	2.54%	0.185%
95	15.357	2251	2256	2260	rVV	1817312	2099748	85.15%	6.184%
96	15.445	2266	2271	2275	rBV	1467999	1820142	73.81%	5.361%
97	15.486	2275	2278	2285	rVB2	155785	220882	8.96%	0.651%
98	15.928	2348	2353	2358	rBV	124553	197998	8.03%	0.583%
99	16.433	2435	2439	2450	rVB2	77643	143439	5.82%	0.422%
100	16.916	2517	2521	2531	rVB2	43594	83243	3.38%	0.245%

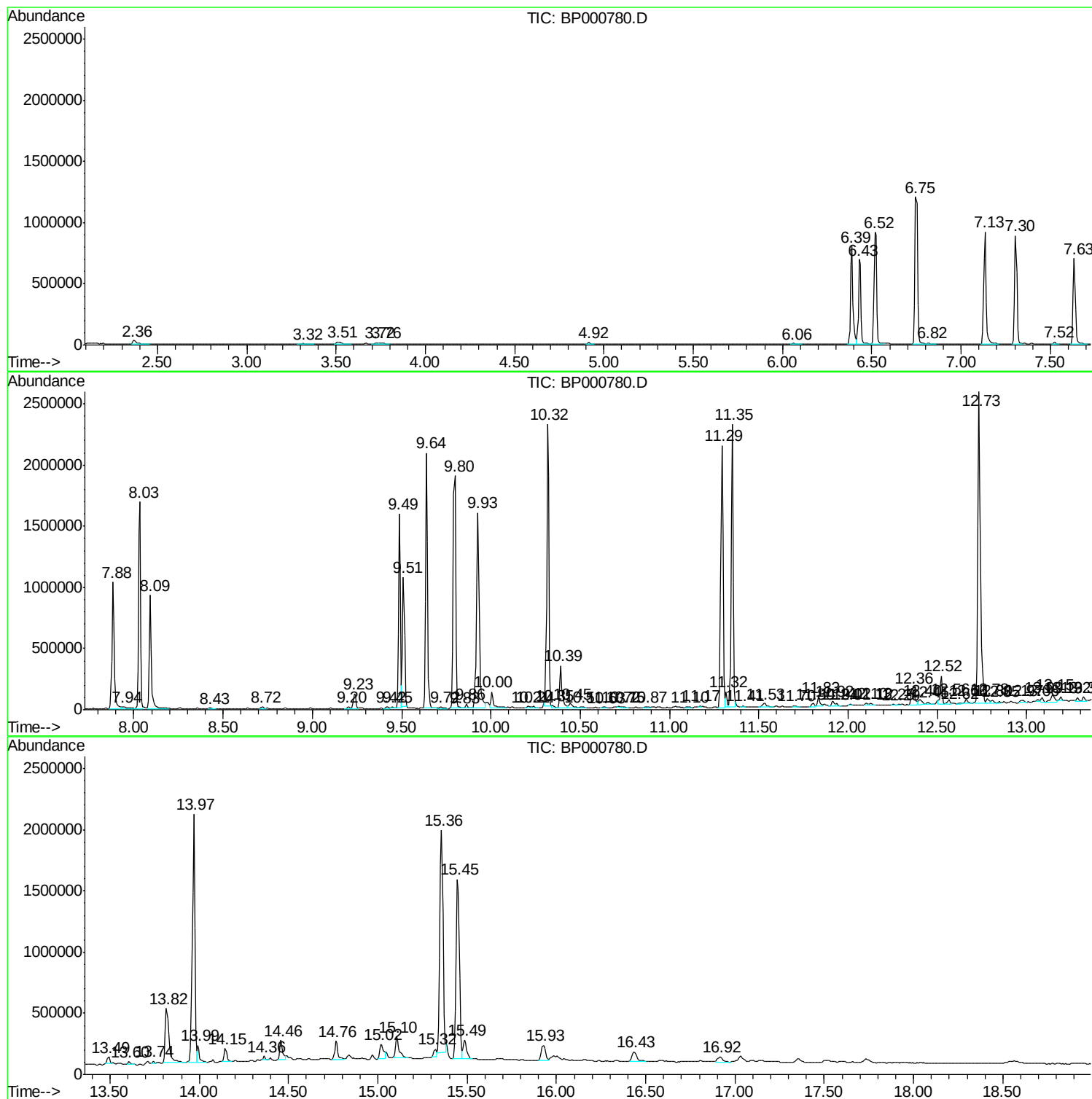
Sum of corrected areas: 33951798

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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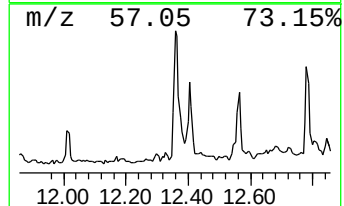
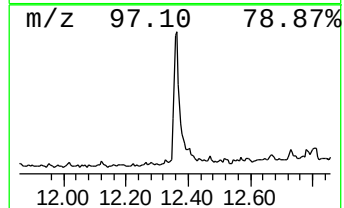
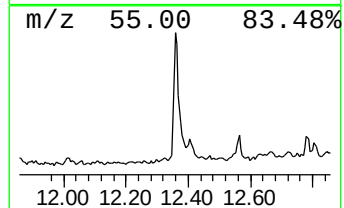
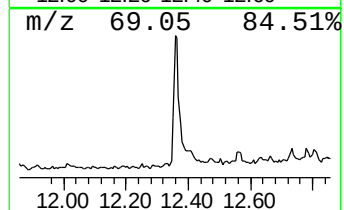
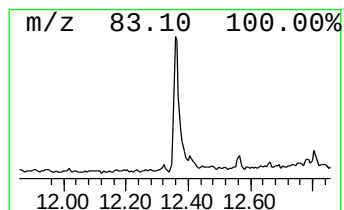
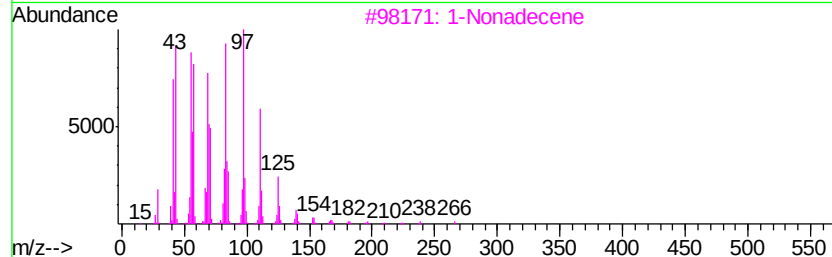
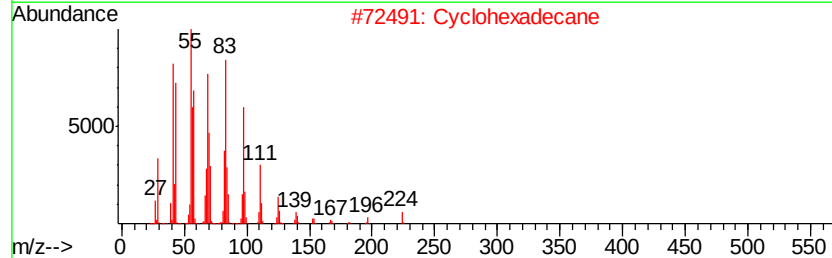
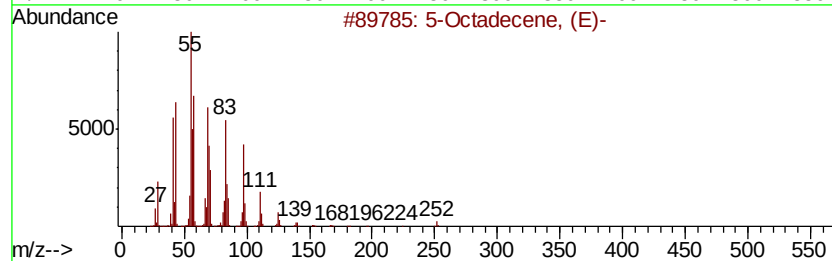
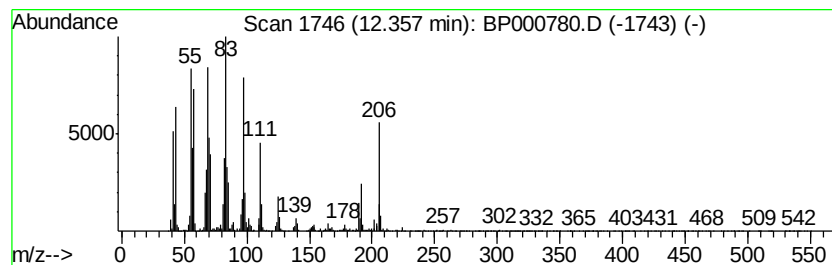
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Cyclic12.36 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	2.01 ng/ul	175235	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Octadecene, (E)-	252	C18H36	007206-21-5	99
2		Cyclohexadecane	224	C16H32	000295-65-8	94
3		1-Nonadecene	266	C19H38	018435-45-5	91
4		7-Heptadecene, 1-chloro-	272	C17H33Cl	056554-78-0	89
5		3-Octadecene, (E)-	252	C18H36	007206-19-1	87



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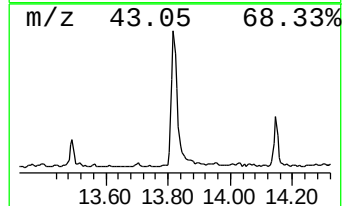
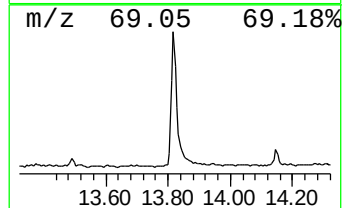
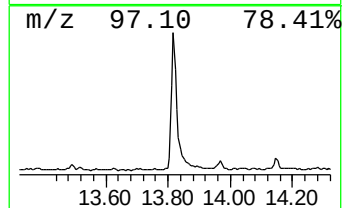
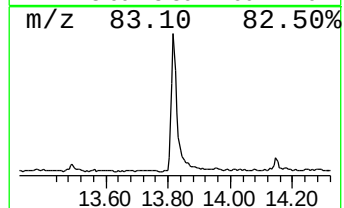
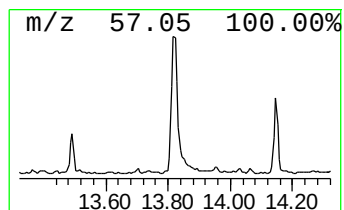
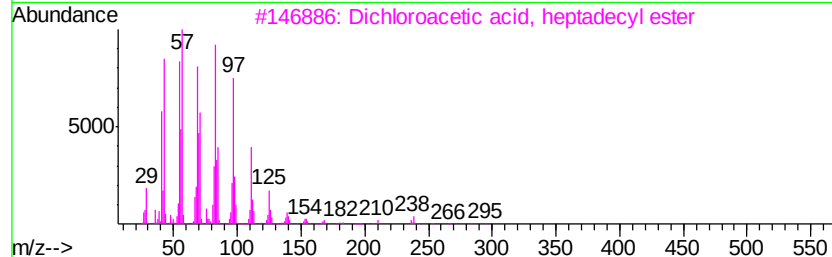
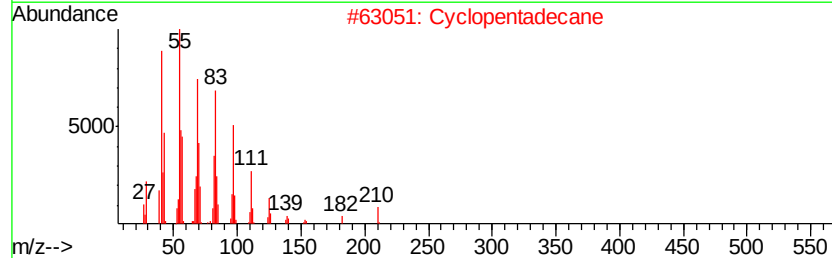
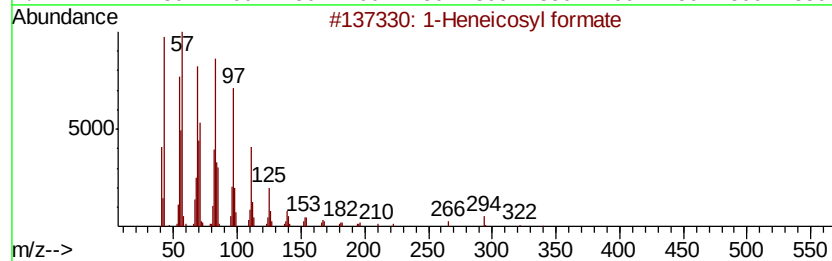
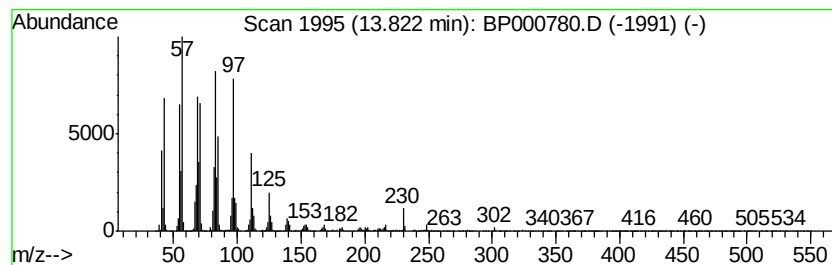
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	6.25 ng/ul	600489	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	97
2		Cyclopentadecane	210	C15H30	000295-48-7	94
3		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
4		Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	91
5		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91



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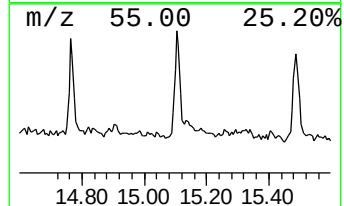
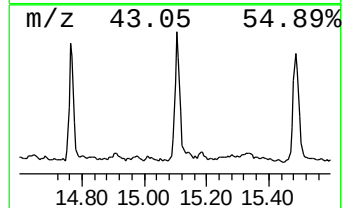
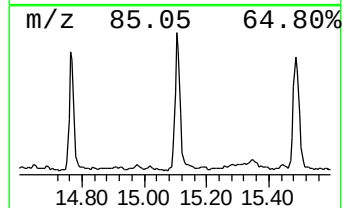
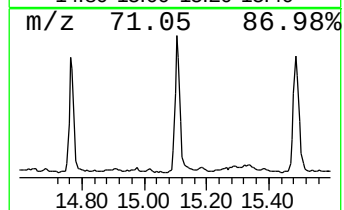
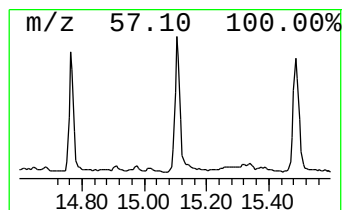
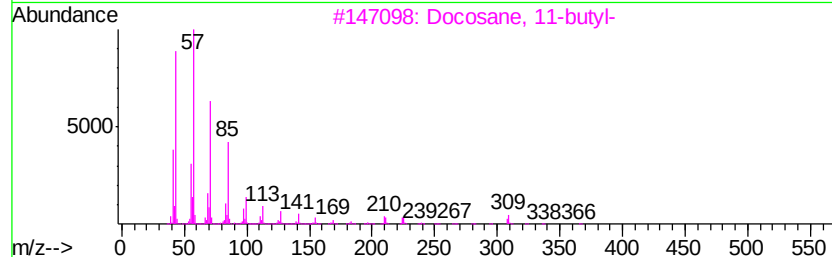
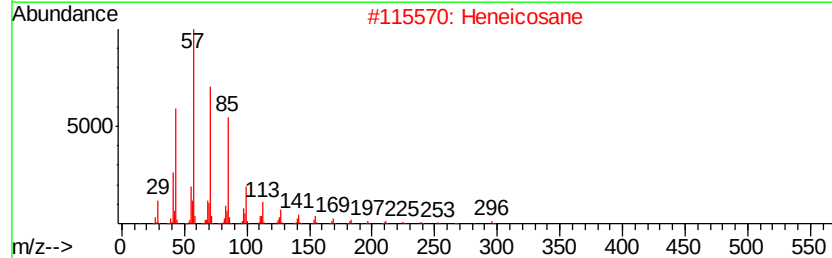
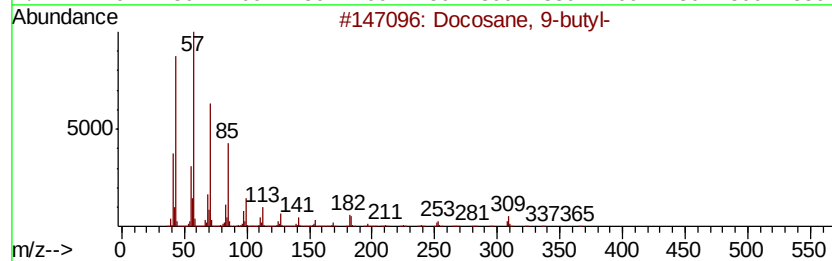
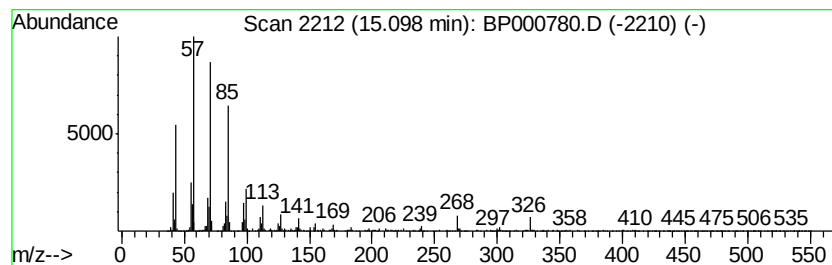
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	2.73 ng/ul	248788	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 9-butyl-	366	C26H54	055282-14-9	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4		Docosane, 5-butyl-	366	C26H54	055282-16-1	91
5		Tetratriacontane	479	C34H70	014167-59-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000780.D
Acq On : 15 Oct 2019 20:59
Operator : JU
Sample : K5178-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BEPE8

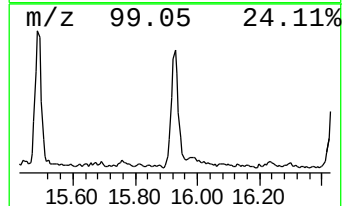
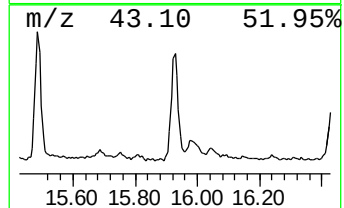
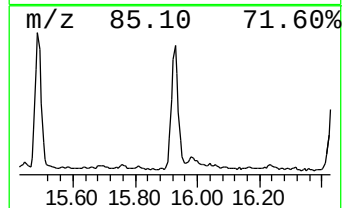
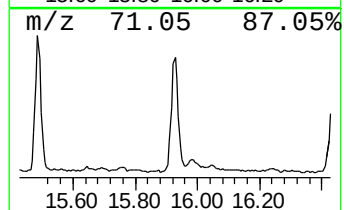
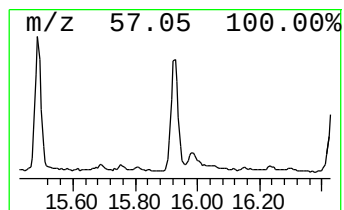
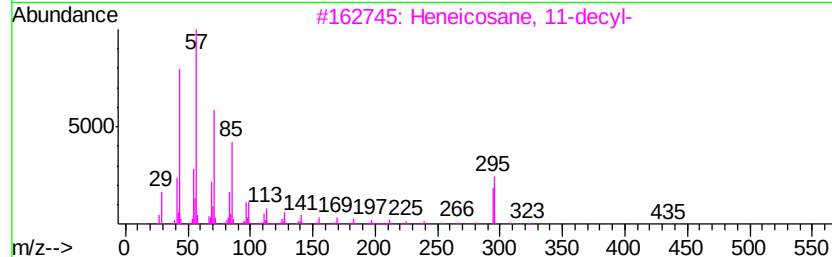
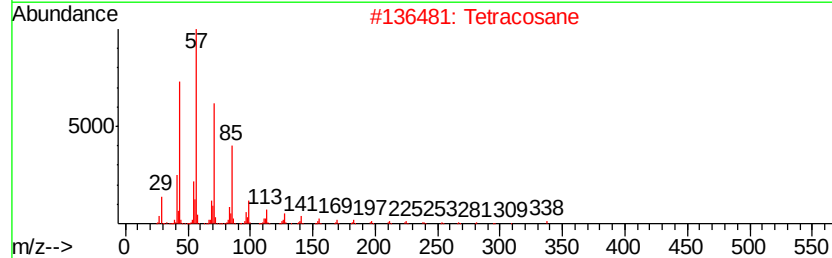
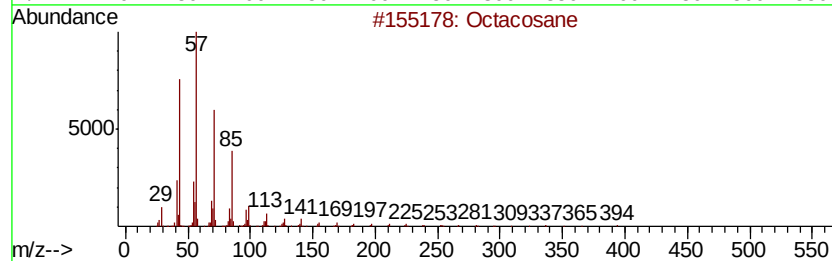
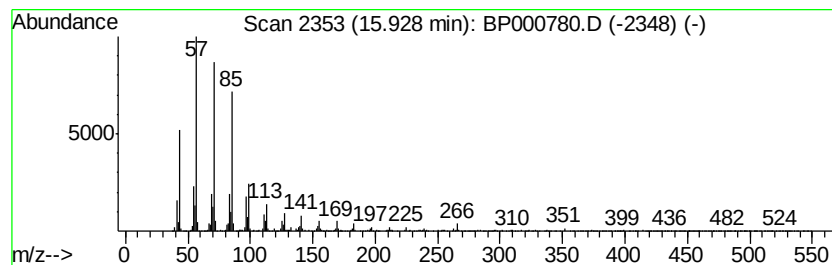
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	2.18 ng/ul	197998	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	95
2		Tetracosane	338	C24H50	000646-31-1	93
3		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
4		Tetratriacontane	479	C34H70	014167-59-0	91
5		Octacosane	394	C28H58	000630-02-4	91



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BNA_P
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BEPE8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	12.36	2.0	ng/ul	175235	4	11.29	1740480	20.0
1-Heneicosyl formate	13.82	6.3	ng/ul	600489	5	13.97	1922060	20.0
(DEL) Alkane: Str...	15.10	2.7	ng/ul	248788	6	15.45	1820140	20.0
(DEL) Alkane: Str...	15.93	2.2	ng/ul	197998	6	15.45	1820140	20.0