

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101719\
 Data File : BP000824.D
 Acq On : 16 Oct 2019 20:36
 Operator : JU
 Sample : K5223-18
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BEPA6

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	2.376	45	49	58	rBV	33395	48525	1.59%	0.129%
2	3.328	204	211	217	rBV	4653	9031	0.30%	0.024%
3	3.523	237	244	253	rBV	17183	32995	1.08%	0.087%
4	3.675	262	270	275	rBV2	5670	13161	0.43%	0.035%
5	3.728	275	279	281	rVV	10762	15954	0.52%	0.042%
6	3.764	281	285	293	rVB	19707	30238	0.99%	0.080%
7	6.387	727	731	735	rBV2	871666	940084	30.76%	2.493%
8	6.428	735	738	750	rVV	880961	802351	26.25%	2.128%
9	6.517	750	753	762	rVV	1182126	998701	32.67%	2.648%
10	6.746	789	792	802	rBV	1371790	1173254	38.38%	3.111%
11	7.134	854	858	874	rBV	996103	953523	31.20%	2.529%
12	7.305	884	887	894	rBV	1073956	844055	27.61%	2.238%
13	7.522	920	924	928	rVB	39196	32024	1.05%	0.085%
14	7.634	939	943	955	rBV	865088	696360	22.78%	1.847%
15	7.846	975	979	982	rBV	15686	12474	0.41%	0.033%
16	7.881	982	985	1007	rBV	1232069	1135451	37.15%	3.011%
17	8.034	1007	1011	1014	rVV	1730416	1547697	50.63%	4.104%
18	8.093	1018	1021	1036	rVB	893471	747340	24.45%	1.982%
19	8.716	1124	1127	1131	rVV	20881	20414	0.67%	0.054%
20	9.452	1249	1252	1255	rBV2	18441	18506	0.61%	0.049%
21	9.487	1255	1258	1261	rVV	1762629	1582075	51.76%	4.195%
22	9.510	1261	1262	1268	rVB	612471	368230	12.05%	0.976%
23	9.640	1281	1284	1295	rVB	2411529	1981850	64.84%	5.256%
24	9.799	1307	1311	1314	rVV	2264920	1864317	60.99%	4.944%
25	9.828	1314	1316	1322	rVB	18397	18111	0.59%	0.048%
26	9.916	1327	1331	1339	rBV	253026	332497	10.88%	0.882%
27	9.981	1339	1342	1344	rVV	43202	42093	1.38%	0.112%
28	10.005	1344	1346	1351	rVB2	139911	128563	4.21%	0.341%
29	10.216	1378	1382	1384	rBV2	24852	25592	0.84%	0.068%
30	10.322	1396	1400	1403	rBV	2496873	2301086	75.28%	6.102%
31	10.346	1403	1404	1409	rVB	50531	32792	1.07%	0.087%
32	10.393	1409	1412	1419	rBV	346492	332365	10.87%	0.881%
33	10.446	1419	1421	1430	rVV	40064	55230	1.81%	0.146%
34	10.640	1450	1454	1460	rBV6	6306	12292	0.40%	0.033%

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35	10.716	1465	1467	1470	rVV3	16010	18109	0.59%	0.048%
36	10.746	1470	1472	1475	rVB	13584	11437	0.37%	0.030%
37	11.034	1518	1521	1524	rBV	18099	17489	0.57%	0.046%
38	11.105	1530	1533	1536	rBV3	11377	12745	0.42%	0.034%
39	11.169	1542	1544	1546	rVV	14238	13437	0.44%	0.036%
40	11.193	1546	1548	1552	rVB	9356	9033	0.30%	0.024%
41	11.293	1562	1565	1568	rBV	2153104	1941746	63.53%	5.149%
42	11.316	1568	1569	1572	rVV	166038	127298	4.16%	0.338%
43	11.352	1572	1575	1582	rVV	2692943	2272323	74.34%	6.026%
44	11.410	1582	1585	1588	rVB4	9014	11201	0.37%	0.030%
45	11.534	1600	1606	1608	rBV2	19372	26919	0.88%	0.071%
46	11.599	1614	1617	1620	rBV3	9559	9194	0.30%	0.024%
47	11.804	1649	1652	1654	rVV	39410	34019	1.11%	0.090%
48	11.834	1654	1657	1661	rVV2	80665	83582	2.73%	0.222%
49	11.869	1661	1663	1664	rVV	16350	15144	0.50%	0.040%
50	11.916	1667	1671	1673	rVV2	64773	62985	2.06%	0.167%
51	11.940	1673	1675	1681	rVB	32339	31728	1.04%	0.084%
52	12.016	1681	1688	1691	rBV6	25983	43960	1.44%	0.117%
53	12.104	1700	1703	1705	rBV2	31715	31772	1.04%	0.084%
54	12.134	1705	1708	1712	rVB2	29347	29967	0.98%	0.079%
55	12.257	1727	1729	1731	rVB	12889	9956	0.33%	0.026%
56	12.287	1731	1734	1736	rBV	13300	11391	0.37%	0.030%
57	12.363	1744	1747	1749	rBV	36199	35722	1.17%	0.095%
58	12.404	1749	1754	1756	rVV4	21607	38007	1.24%	0.101%
59	12.451	1759	1762	1766	rBV2	27912	34628	1.13%	0.092%
60	12.522	1771	1774	1778	rVB	428544	361485	11.83%	0.959%
61	12.569	1780	1782	1784	rBV2	16677	13239	0.43%	0.035%
62	12.622	1789	1791	1794	rVV	11570	12444	0.41%	0.033%
63	12.663	1795	1798	1805	rVV2	42145	57935	1.90%	0.154%
64	12.740	1807	1811	1817	rVV2	2937575	3056632	100.00%	8.106%
65	12.781	1817	1818	1820	rVV2	22494	18840	0.62%	0.050%
66	12.804	1820	1822	1827	rVB2	21141	32165	1.05%	0.085%
67	12.881	1832	1835	1837	rBV	18769	16772	0.55%	0.044%
68	12.981	1848	1852	1856	rBV4	31449	48346	1.58%	0.128%
69	13.063	1864	1866	1868	rBV2	26624	29022	0.95%	0.077%
70	13.087	1868	1870	1874	rVB	68498	68298	2.23%	0.181%
71	13.157	1878	1882	1885	rVB2	48584	53068	1.74%	0.141%

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72	13.193	1885	1888	1891	rBV	56454	58011	1.90%	0.154%
73	13.287	1901	1904	1907	rBV	41644	35530	1.16%	0.094%
74	13.322	1907	1910	1913	rVV	35200	30577	1.00%	0.081%
75	13.493	1937	1939	1942	rBV2	25274	25845	0.85%	0.069%
76	13.610	1956	1959	1963	rVB	32567	37761	1.24%	0.100%
77	13.716	1974	1977	1980	rBV	42786	47368	1.55%	0.126%
78	13.746	1980	1982	1984	rVB	35075	25699	0.84%	0.068%
79	13.769	1984	1986	1988	rBV	29385	25748	0.84%	0.068%
80	13.828	1992	1996	2003	rBV2	215085	320964	10.50%	0.851%
81	13.969	2015	2020	2023	rBV	2000057	2146904	70.24%	5.693%
82	13.998	2023	2025	2028	rVB	226206	179846	5.88%	0.477%
83	14.146	2048	2050	2056	rBV2	70140	71881	2.35%	0.191%
84	14.369	2085	2088	2091	rVB2	52463	46579	1.52%	0.124%
85	14.398	2091	2093	2097	rVB	28809	24576	0.80%	0.065%
86	14.457	2100	2103	2106	rBV3	147533	138766	4.54%	0.368%
87	14.769	2152	2156	2159	rBV	204870	193425	6.33%	0.513%
88	14.975	2188	2191	2195	rVB2	37384	41182	1.35%	0.109%
89	15.022	2195	2199	2202	rBV	219503	303461	9.93%	0.805%
90	15.110	2210	2214	2230	rBV2	211061	376982	12.33%	1.000%
91	15.328	2247	2251	2252	rBV	113925	127868	4.18%	0.339%
92	15.363	2252	2257	2260	rVV	1876408	2188998	71.61%	5.805%
93	15.451	2267	2272	2276	rBV	1573469	1878150	61.45%	4.981%
94	15.493	2276	2279	2289	rVB2	260083	356231	11.65%	0.945%
95	15.928	2349	2353	2359	rBV	166785	260389	8.52%	0.691%
96	16.440	2435	2440	2456	rVB	166549	328351	10.74%	0.871%
97	16.922	2518	2522	2530	rVB2	77505	142370	4.66%	0.378%
98	17.039	2538	2542	2548	rVB2	64867	120774	3.95%	0.320%
99	17.363	2593	2597	2607	rVB	51159	102592	3.36%	0.272%
100	17.745	2656	2662	2675	rVB	84530	221561	7.25%	0.588%

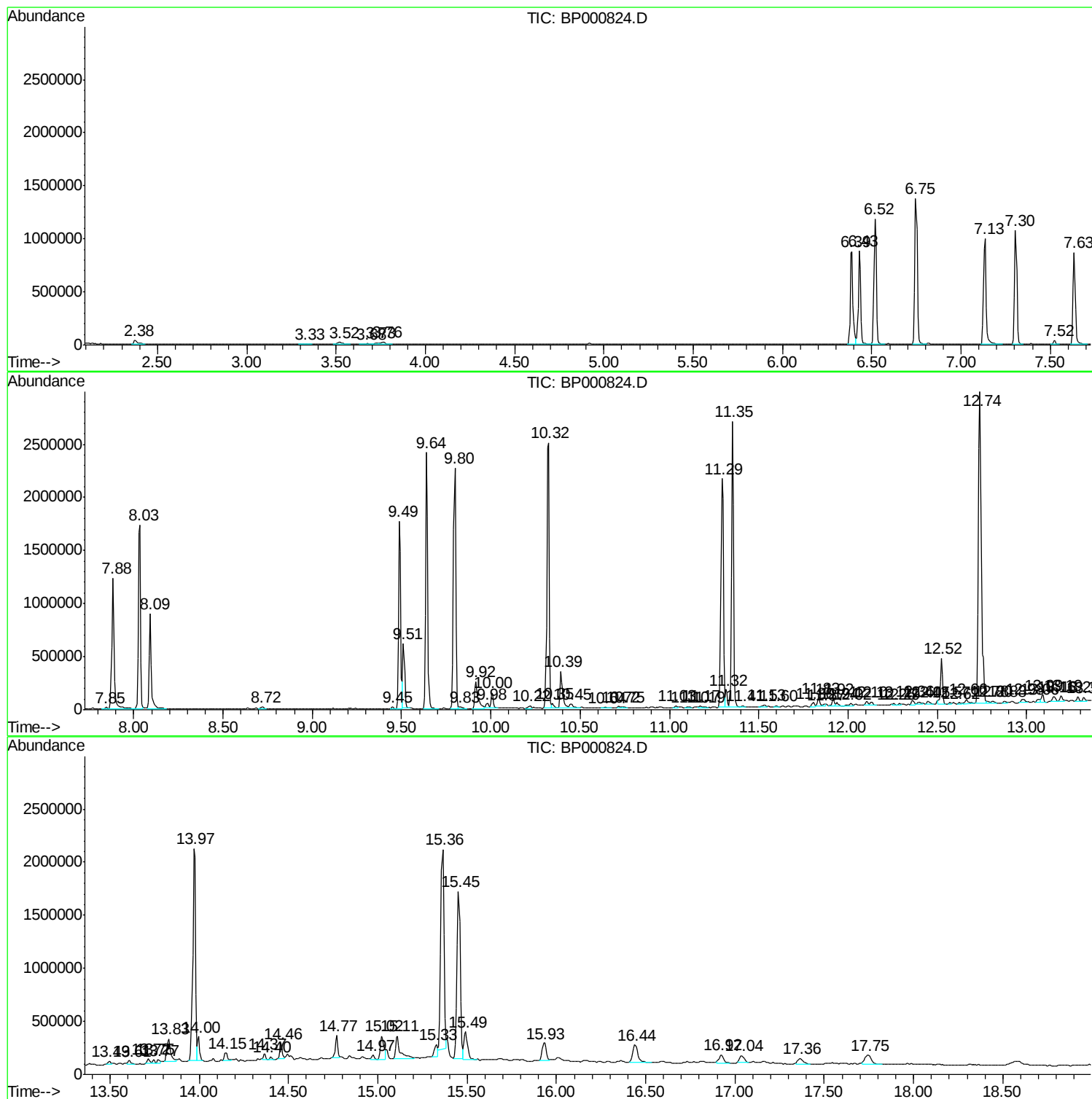
Sum of corrected areas: 37709658

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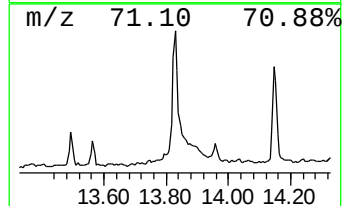
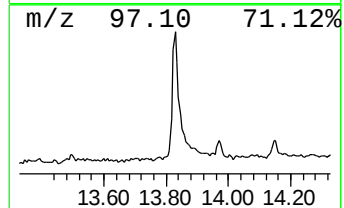
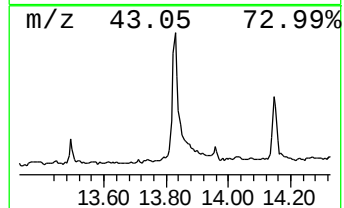
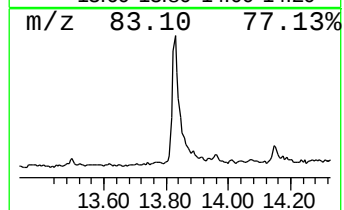
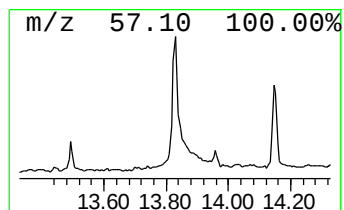
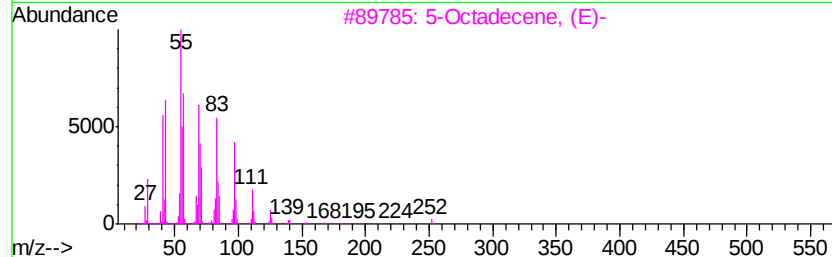
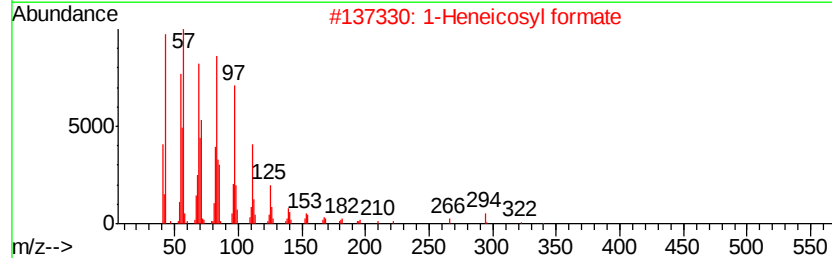
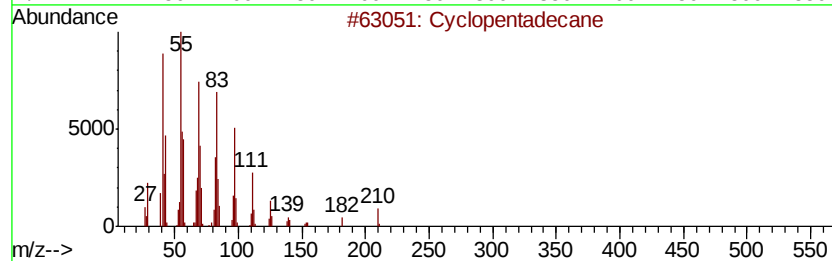
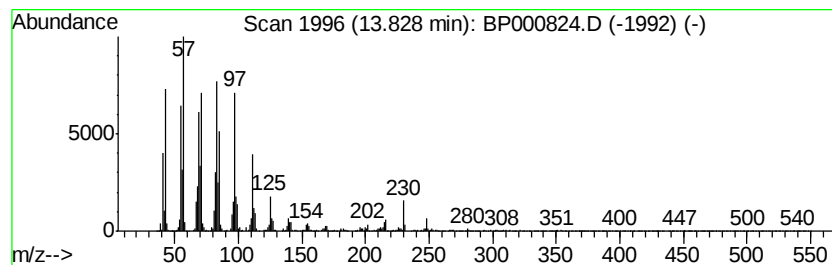
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic13.83 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	2.99 ng/ul	320964	Chrysene-d12	13.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	93
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
3		5-Octadecene, (E)-	252	C18H36	007206-21-5	92
4		Cycloeicosane	280	C20H40	000296-56-0	87
5		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87



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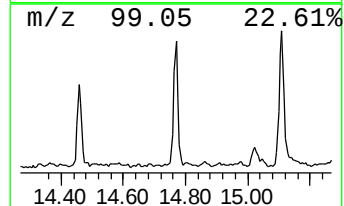
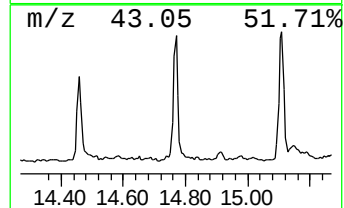
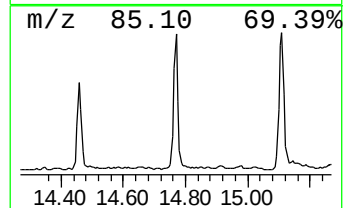
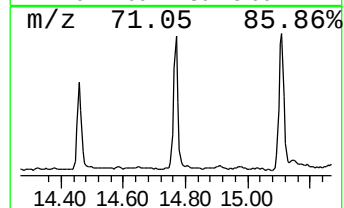
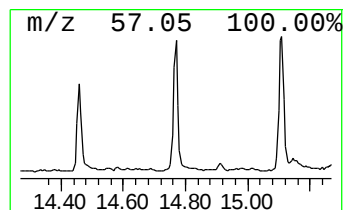
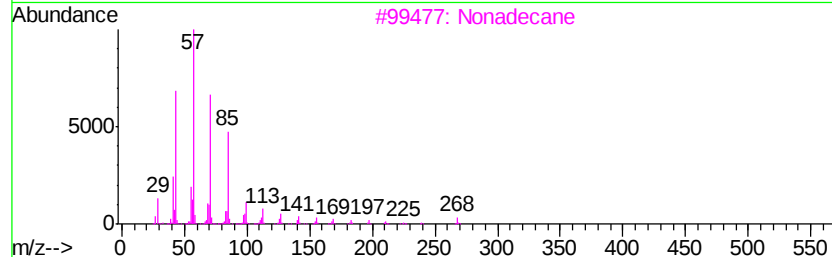
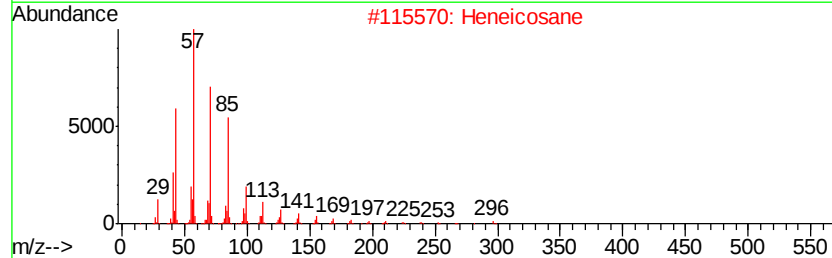
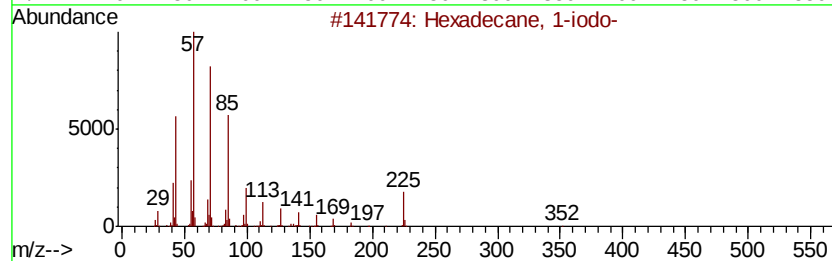
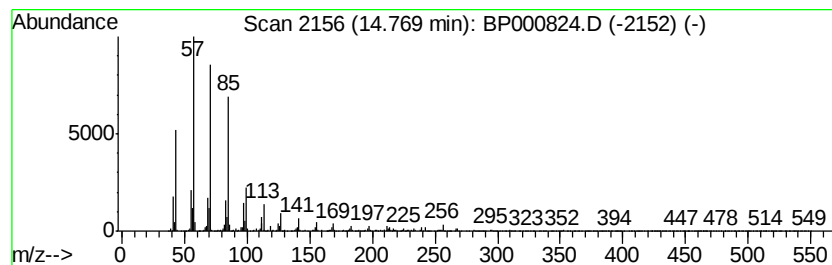
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Hexadecane, 1-iodo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	2.06 ng/ul	193425	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Nonadecane	268	C19H40	000629-92-5	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91



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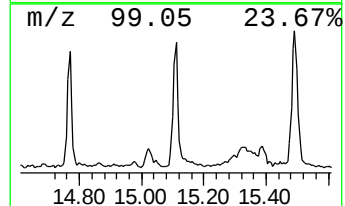
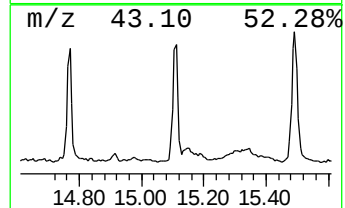
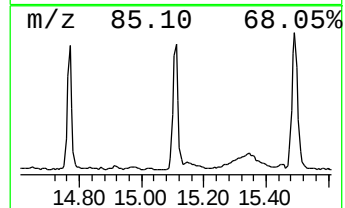
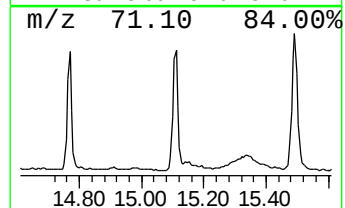
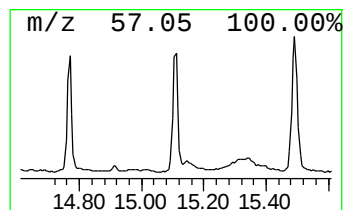
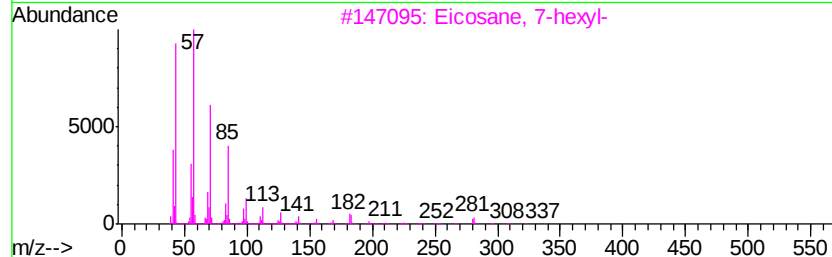
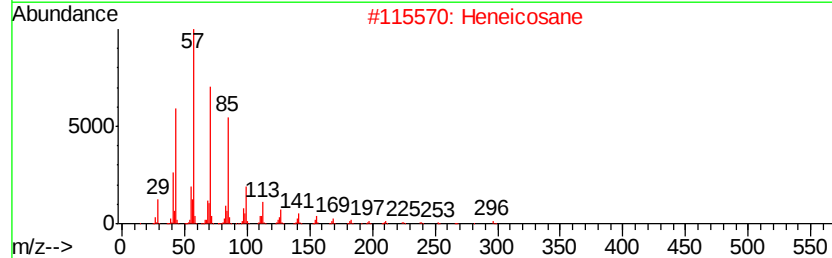
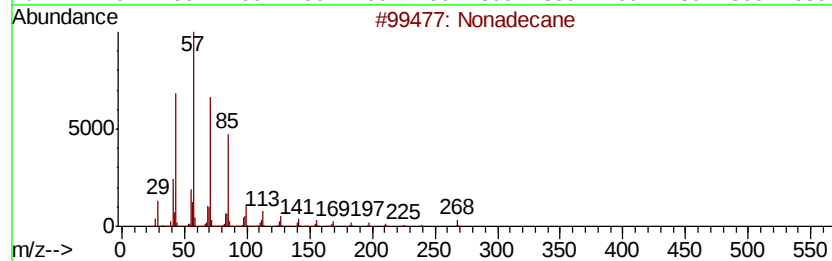
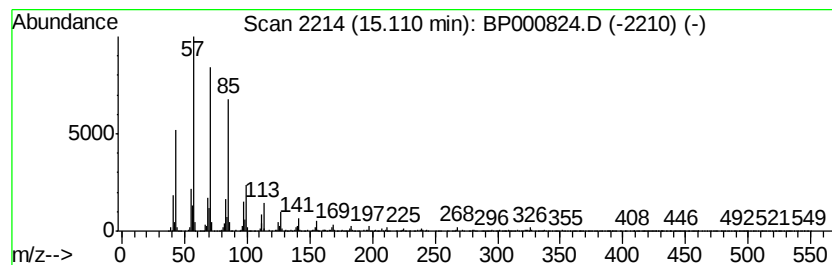
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.11	4.01 ng/ul	376982	Perylene-d12		15.45
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4	Tetratriacontane	479	C34H70	014167-59-0	90
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101719\
Data File : BP000824.D
Acq On : 16 Oct 2019 20:36
Operator : JU
Sample : K5223-18
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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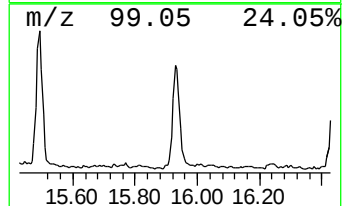
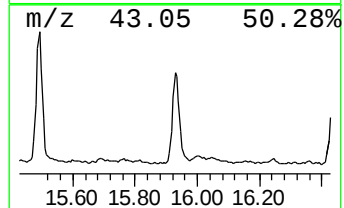
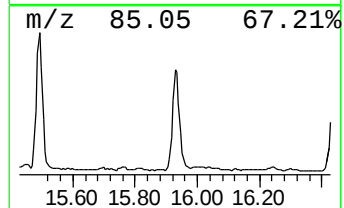
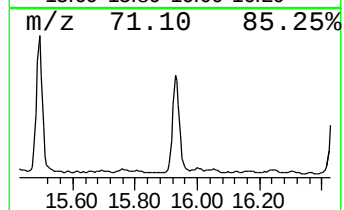
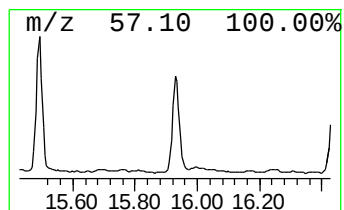
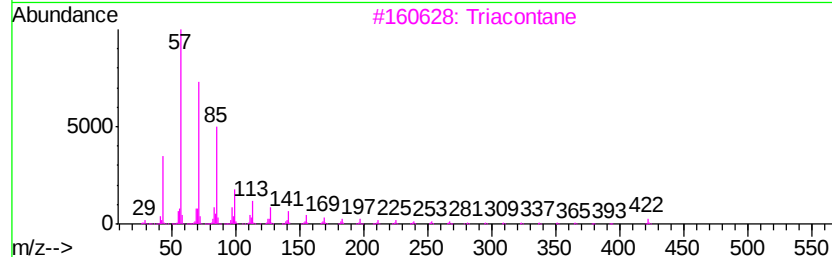
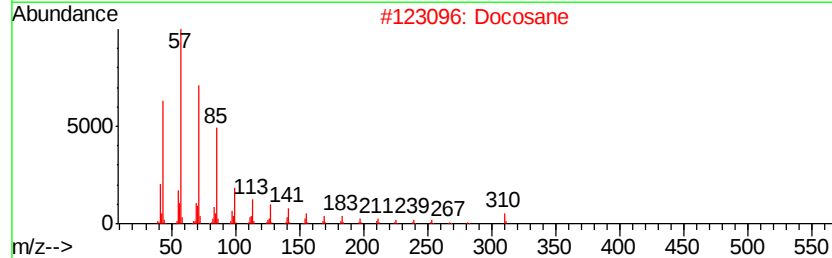
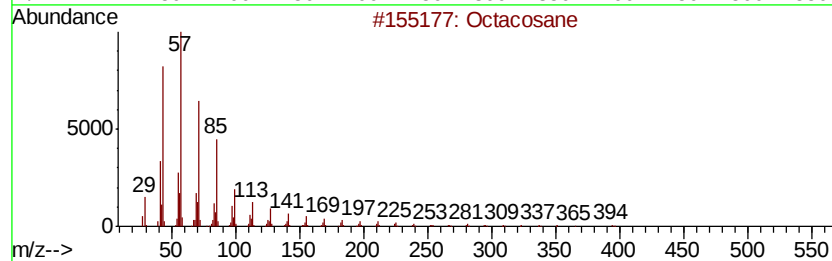
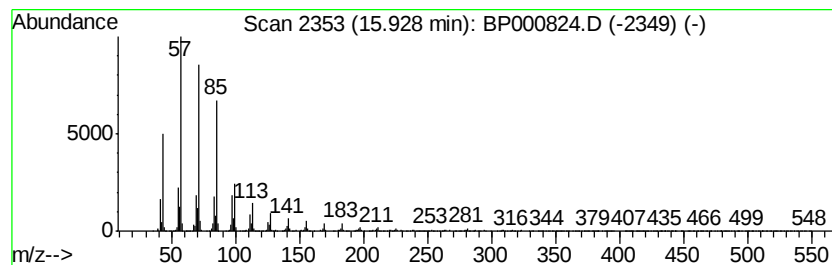
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	2.77 ng/ul	260389	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Docosane	310	C22H46	000629-97-0	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Tetratriacontane	479	C34H70	014167-59-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101719\
Data File : BP000824.D
Acq On : 16 Oct 2019 20:36
Operator : JU
Sample : K5223-18
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BEP66

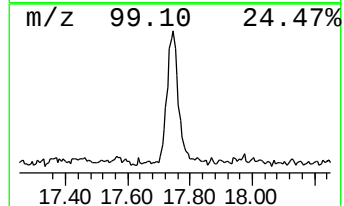
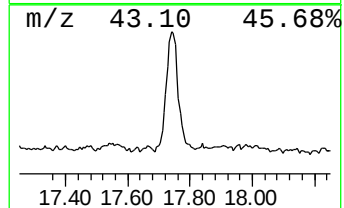
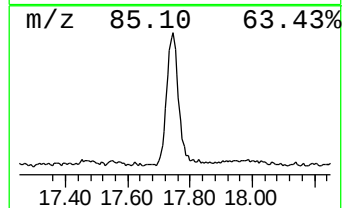
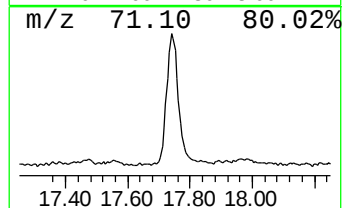
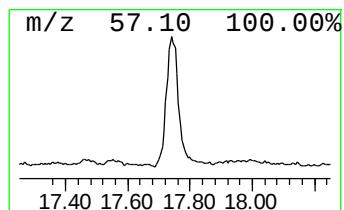
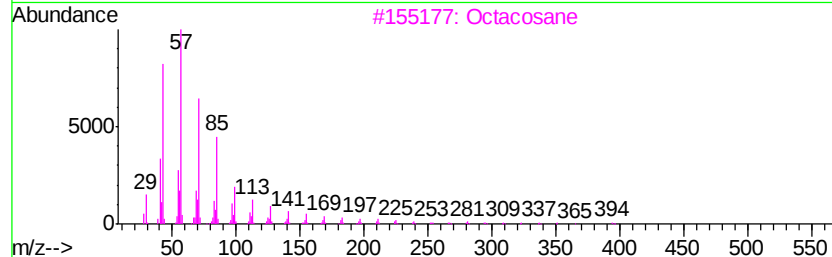
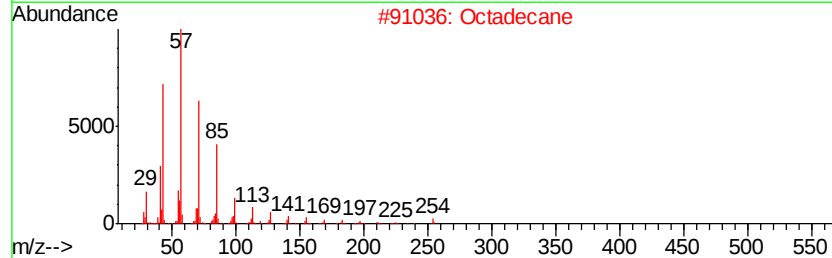
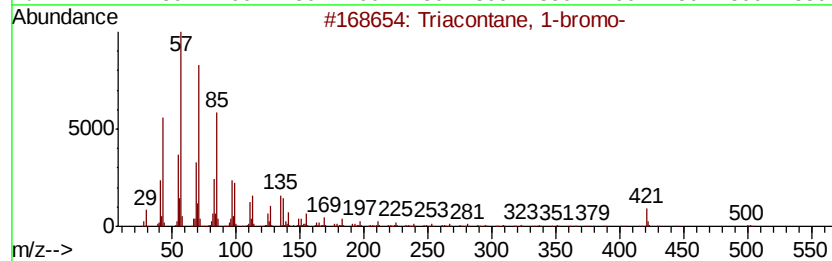
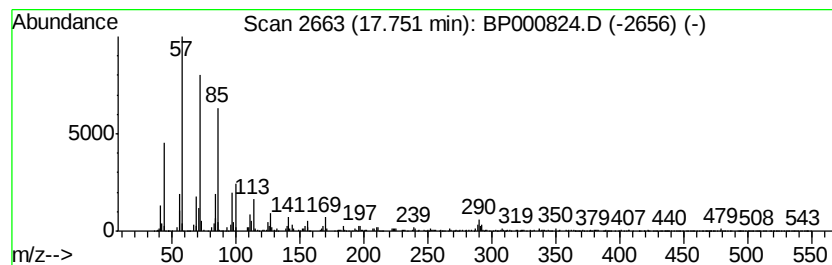
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Triacontane, 1-bromo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	2.36 ng/ul	221561	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	87
2		Octadecane	254	C18H38	000593-45-3	74
3		Octacosane	394	C28H58	000630-02-4	74
4		Tetratriacontane	479	C34H70	014167-59-0	74
5		Hentriacontane	437	C31H64	000630-04-6	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101719\
Data File : BP000824.D
Acq On : 16 Oct 2019 20:36
Operator : JU
Sample : K5223-18
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BEP66

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...	13.83	3.0	ng/ul	320964	5	13.98	2146900	20.0
Hexadecane, 1-iodo-	14.77	2.1	ng/ul	193425	6	15.45	1878150	20.0
(DEL) Alkane: Str...	15.11	4.0	ng/ul	376982	6	15.45	1878150	20.0
(DEL) Alkane: Str...	15.93	2.8	ng/ul	260389	6	15.45	1878150	20.0
Triacontane, 1-br...	17.75	2.4	ng/ul	221561	6	15.45	1878150	20.0