

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
 Data File : BP000770.D
 Acq On : 15 Oct 2019 16:57
 Operator : JU
 Sample : K5175-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BEP91

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	2.358	43	46	55	rBV	41042	56772	1.10%	0.104%
2	3.511	237	242	250	rBV2	9946	16812	0.33%	0.031%
3	3.664	260	268	273	rBV2	4562	9169	0.18%	0.017%
4	3.717	273	277	280	rVV	11082	16164	0.31%	0.030%
5	3.752	280	283	288	rVB	13544	19337	0.38%	0.035%
6	4.911	477	480	490	rBV	75338	79855	1.55%	0.146%
7	6.387	727	731	736	rBV2	1227982	1210713	23.54%	2.214%
8	6.434	736	739	750	rVB	1056195	969905	18.86%	1.774%
9	6.522	750	754	757	rBV	1354202	1233870	23.99%	2.256%
10	6.746	789	792	796	rBV	1434143	1276823	24.83%	2.335%
11	6.816	802	804	810	rVB	11058	9970	0.19%	0.018%
12	7.134	854	858	874	rBV	1549759	1310641	25.49%	2.397%
13	7.305	884	887	891	rBV	1276957	1098167	21.36%	2.008%
14	7.522	921	924	928	rVB	23808	20788	0.40%	0.038%
15	7.634	939	943	955	rBV	1168061	921144	17.91%	1.684%
16	7.881	982	985	994	rBV	1797401	1472575	28.64%	2.693%
17	8.034	1007	1011	1014	rBV	2237935	1762965	34.28%	3.224%
18	8.093	1018	1021	1038	rVB	1660658	1317263	25.62%	2.409%
19	8.687	1120	1122	1125	rVV	9576	8567	0.17%	0.016%
20	8.716	1125	1127	1131	rVB	28527	23411	0.46%	0.043%
21	9.205	1206	1210	1211	rBV2	9955	10173	0.20%	0.019%
22	9.416	1243	1246	1249	rBV	32103	27492	0.53%	0.050%
23	9.452	1249	1252	1255	rVB3	11007	10086	0.20%	0.018%
24	9.493	1255	1259	1261	rBV	2425483	2157709	41.96%	3.945%
25	9.510	1261	1262	1266	rVB	1061594	680052	13.22%	1.243%
26	9.640	1281	1284	1288	rBV	3094465	2718385	52.86%	4.971%
27	9.722	1295	1298	1299	rBV	13865	11853	0.23%	0.022%
28	9.799	1307	1311	1314	rBV	2813810	2259615	43.94%	4.132%
29	9.822	1314	1315	1319	rVB3	22972	16593	0.32%	0.030%
30	9.863	1319	1322	1324	rBV	92014	78291	1.52%	0.143%
31	9.881	1324	1325	1327	rVB	51440	31823	0.62%	0.058%
32	9.934	1327	1334	1337	rBV	4854410	5142199	100.00%	9.403%
33	10.005	1344	1346	1359	rVB	105925	129918	2.53%	0.238%
34	10.210	1378	1381	1383	rBV2	9275	10213	0.20%	0.019%

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35	10.240	1383	1386	1389	rVB	21638	18883	0.37%	0.035%
36	10.322	1393	1400	1403	rBV	3723313	3224918	62.71%	5.897%
37	10.393	1408	1412	1419	rVV	714079	606903	11.80%	1.110%
38	10.446	1419	1421	1429	rVV	56888	59178	1.15%	0.108%
39	10.510	1429	1432	1436	rVB5	11222	14523	0.28%	0.027%
40	10.669	1456	1459	1461	rBV	15210	13015	0.25%	0.024%
41	10.746	1469	1472	1476	rVB3	18117	16481	0.32%	0.030%
42	10.810	1479	1483	1486	rBV5	9500	12782	0.25%	0.023%
43	11.110	1530	1534	1537	rVB3	10942	11477	0.22%	0.021%
44	11.169	1542	1544	1555	rVB3	18429	31932	0.62%	0.058%
45	11.252	1555	1558	1561	rBV5	12634	14669	0.29%	0.027%
46	11.293	1561	1565	1568	rBV	2807921	2467963	47.99%	4.513%
47	11.316	1568	1569	1571	rVV	74306	49219	0.96%	0.090%
48	11.352	1571	1575	1579	rVV	3734380	3215859	62.54%	5.880%
49	11.410	1583	1585	1588	rVB3	9903	9376	0.18%	0.017%
50	11.528	1600	1605	1612	rBV2	10537	16806	0.33%	0.031%
51	11.699	1630	1634	1639	rVB4	7935	10244	0.20%	0.019%
52	11.763	1642	1645	1648	rBV5	9028	11932	0.23%	0.022%
53	11.804	1649	1652	1654	rBV	24016	20584	0.40%	0.038%
54	11.840	1654	1658	1668	rBV3	236639	272365	5.30%	0.498%
55	11.916	1668	1671	1673	rVB	19350	18128	0.35%	0.033%
56	12.016	1685	1688	1690	rBV3	20546	22085	0.43%	0.040%
57	12.104	1700	1703	1705	rBV2	18506	18258	0.36%	0.033%
58	12.128	1705	1707	1714	rVB3	16132	18437	0.36%	0.034%
59	12.363	1744	1747	1749	rBV	15264	14860	0.29%	0.027%
60	12.404	1751	1754	1758	rVB4	24226	27973	0.54%	0.051%
61	12.451	1758	1762	1766	rVB2	12383	15876	0.31%	0.029%
62	12.504	1767	1771	1772	rBV	49165	50652	0.99%	0.093%
63	12.522	1772	1774	1777	rVB	190006	148006	2.88%	0.271%
64	12.634	1791	1793	1795	rBV2	8803	7874	0.15%	0.014%
65	12.663	1795	1798	1801	rVB	44244	41661	0.81%	0.076%
66	12.740	1806	1811	1816	rVV	4156027	4011448	78.01%	7.335%
67	12.781	1816	1818	1820	rVV	30078	28434	0.55%	0.052%
68	12.804	1820	1822	1827	rVB2	25589	25446	0.49%	0.047%
69	12.875	1832	1834	1836	rBV	11207	8847	0.17%	0.016%
70	12.975	1849	1851	1856	rBV	11599	15896	0.31%	0.029%
71	13.087	1868	1870	1873	rVB	28395	24197	0.47%	0.044%

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72	13.122	1873	1876	1878	rBV2	24502	28896	0.56%	0.053%
73	13.146	1878	1880	1885	rVB2	58718	59601	1.16%	0.109%
74	13.193	1885	1888	1890	rBV	20278	19557	0.38%	0.036%
75	13.287	1901	1904	1907	rBV	24111	20913	0.41%	0.038%
76	13.316	1907	1909	1913	rVB2	10795	9798	0.19%	0.018%
77	13.493	1936	1939	1942	rVB	77201	63449	1.23%	0.116%
78	13.604	1956	1958	1960	rBV	13921	10776	0.21%	0.020%
79	13.634	1960	1963	1967	rVB	45390	44459	0.86%	0.081%
80	13.675	1967	1970	1972	rBV2	19337	18021	0.35%	0.033%
81	13.746	1979	1982	1983	rBV	17313	16256	0.32%	0.030%
82	13.816	1988	1994	2013	rVV	925980	1483518	28.85%	2.713%
83	13.969	2015	2020	2023	rVV2	2740094	3430453	66.71%	6.273%
84	13.993	2023	2024	2028	rVB	91070	65518	1.27%	0.120%
85	14.146	2047	2050	2056	rBV2	168328	164995	3.21%	0.302%
86	14.457	2099	2103	2111	rBV	545599	602655	11.72%	1.102%
87	14.769	2152	2156	2160	rBV	217942	233838	4.55%	0.428%
88	14.840	2165	2168	2175	rVB	86172	92293	1.79%	0.169%
89	14.910	2177	2180	2184	rVB	84029	76715	1.49%	0.140%
90	14.969	2188	2190	2193	rBV2	42242	45364	0.88%	0.083%
91	15.016	2195	2198	2206	rVB	90174	165025	3.21%	0.302%
92	15.104	2209	2213	2224	rBV	602336	814588	15.84%	1.490%
93	15.357	2251	2256	2266	rVB	2474315	3200380	62.24%	5.852%
94	15.445	2266	2271	2275	rVV	1668750	2082006	40.49%	3.807%
95	15.487	2275	2278	2289	rVB	201605	293916	5.72%	0.537%
96	15.687	2309	2312	2320	rVB2	72877	104128	2.02%	0.190%
97	15.928	2349	2353	2358	rBV	197727	269525	5.24%	0.493%
98	15.981	2358	2362	2370	rVV5	56254	141597	2.75%	0.259%
99	16.439	2435	2440	2453	rVB2	88417	179712	3.49%	0.329%
100	16.728	2484	2489	2495	rBV2	122611	234183	4.55%	0.428%

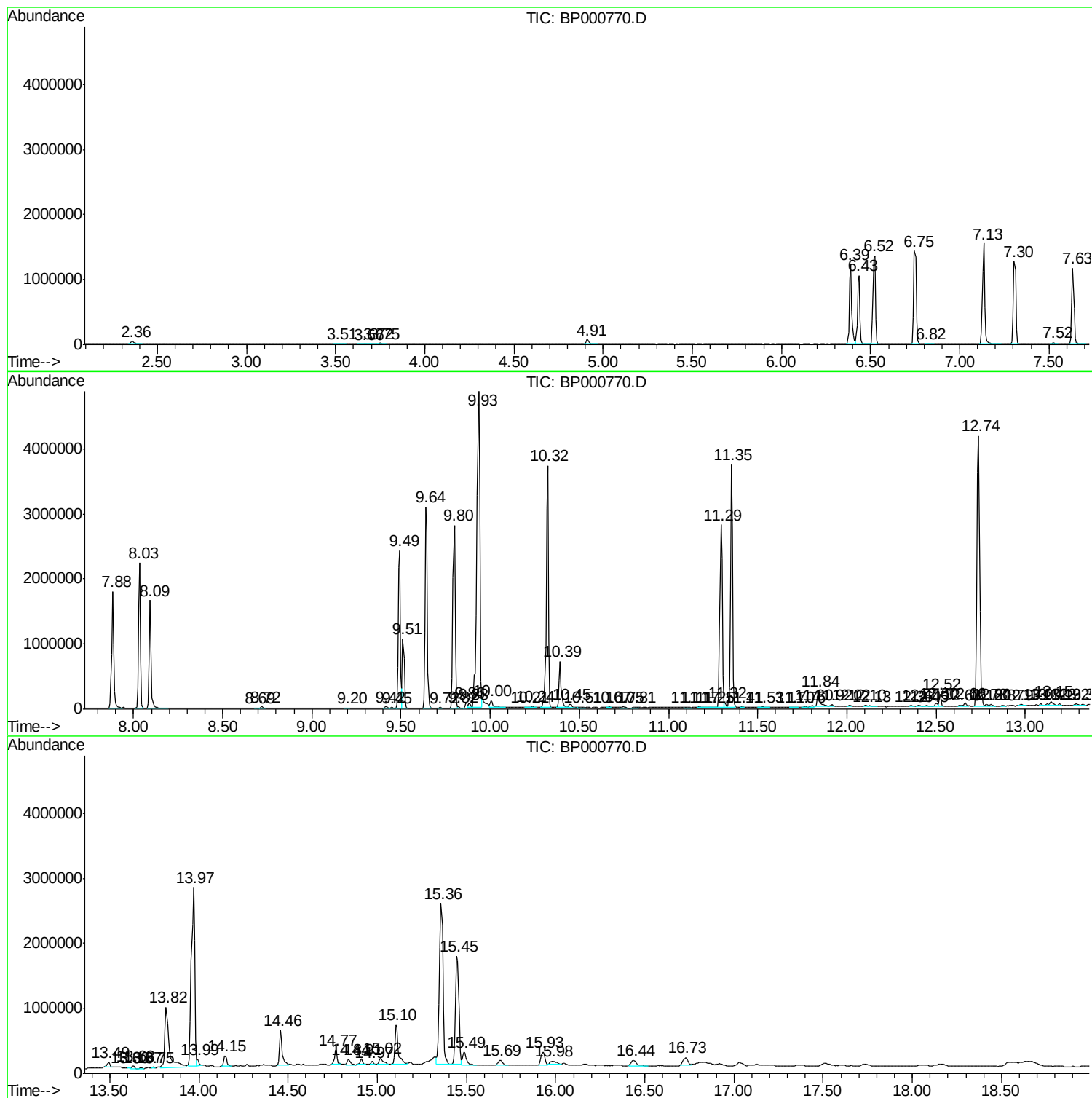
Sum of corrected areas: 54688635

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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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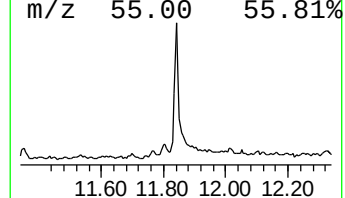
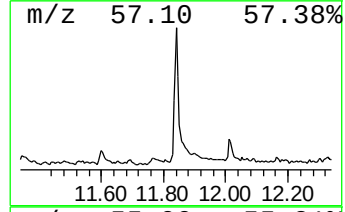
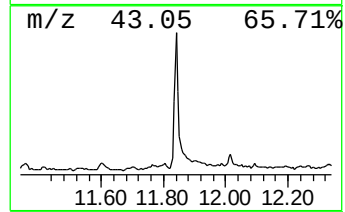
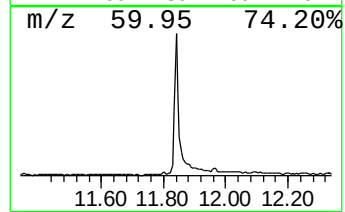
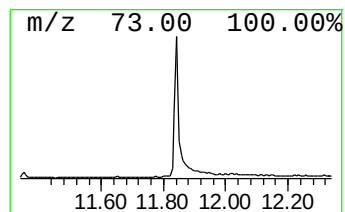
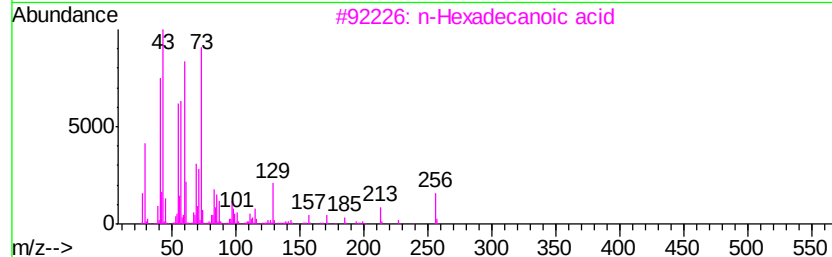
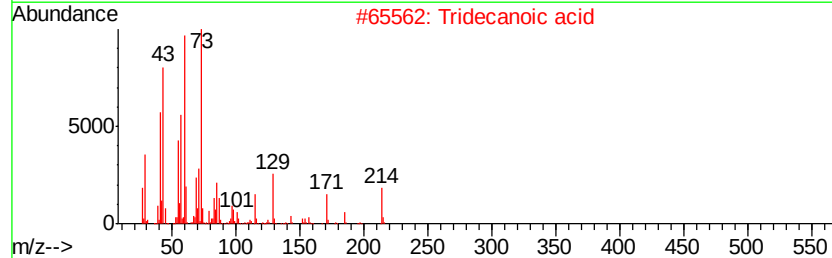
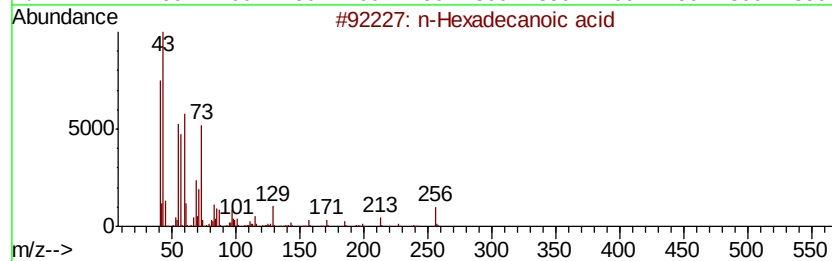
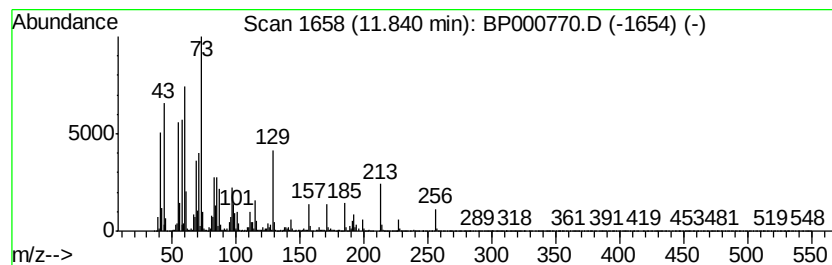
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.84	2.21 ng/ul	272365	Phenanthrene-d10		11.29	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	96
2	Tridecanoic acid		214	C13H26O2	000638-53-9	91
3	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	86
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	83
5	Tetradecanoic acid		228	C14H28O2	000544-63-8	80



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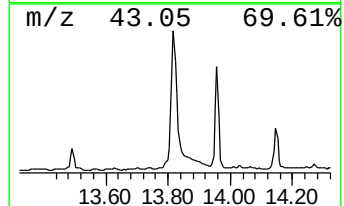
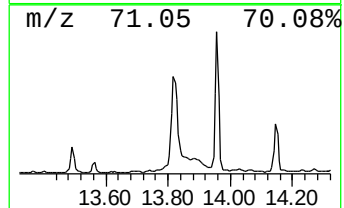
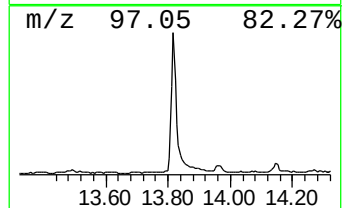
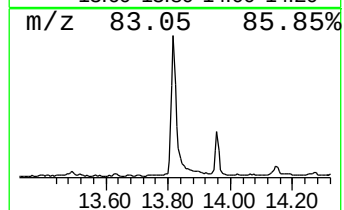
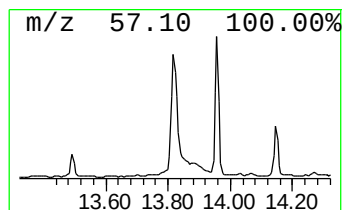
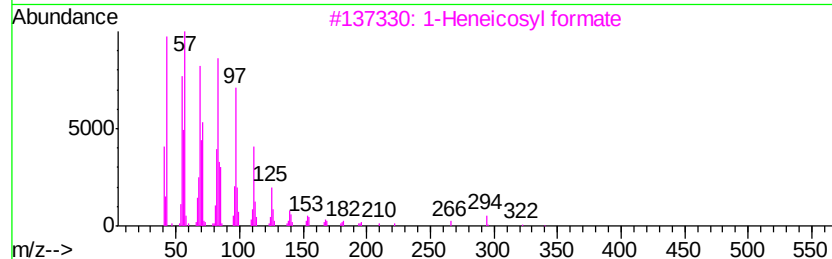
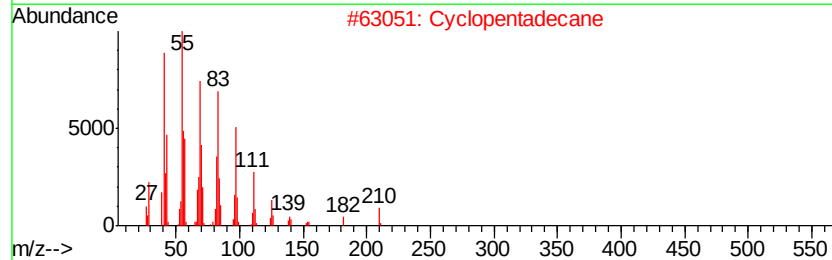
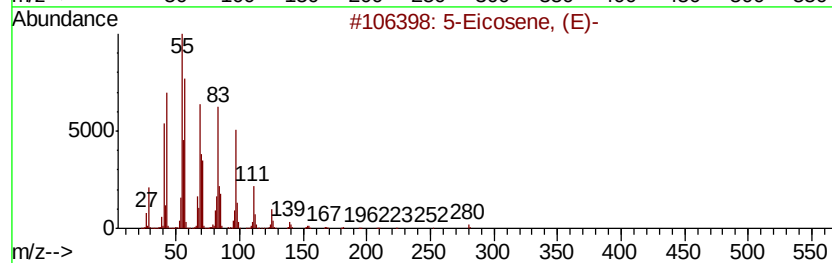
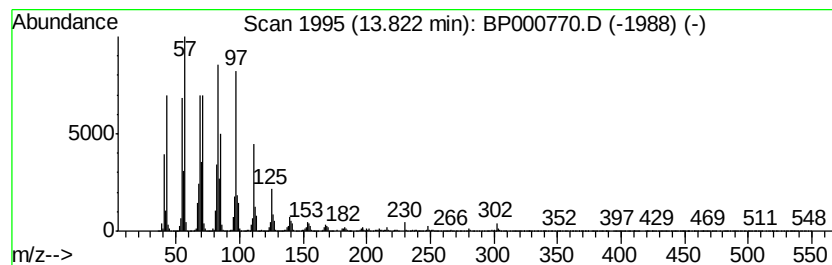
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic13.82 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.82	8.65 ng/ul	1483520	Chrysene-d12	13.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	Cyclopentadecane	210	C15H30	000295-48-7	95
3	1-Heneicosvl formate	340	C22H44O2	077899-03-7	94
4	17-Pentatriacontene	491	C35H70	006971-40-0	93
5	1-Heptadecanol	256	C17H36O	001454-85-9	91



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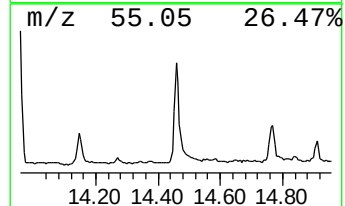
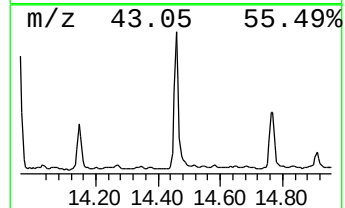
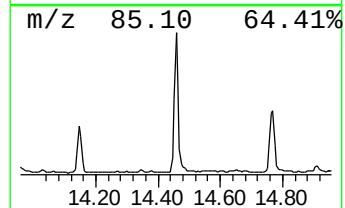
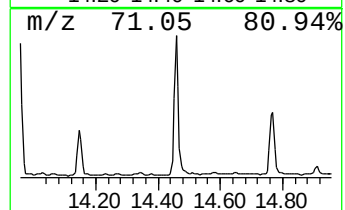
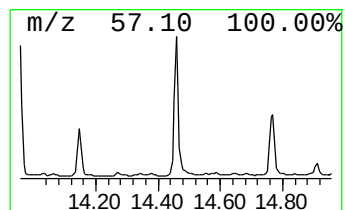
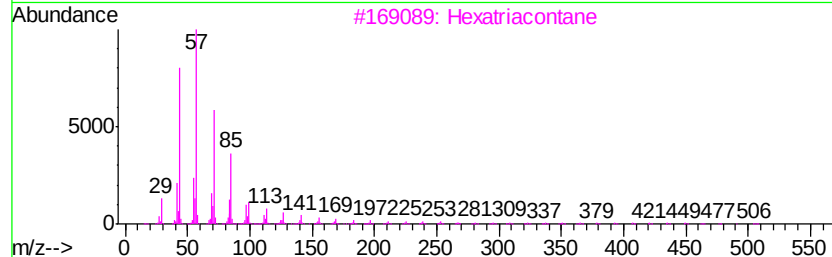
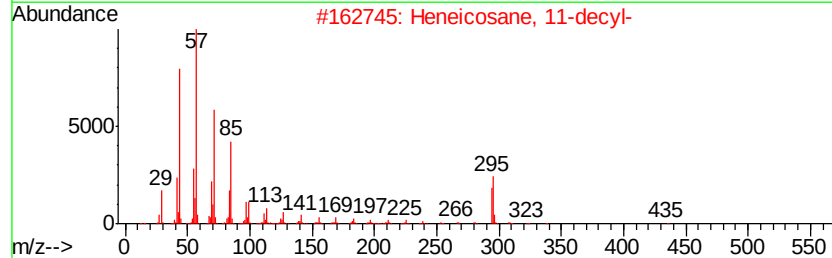
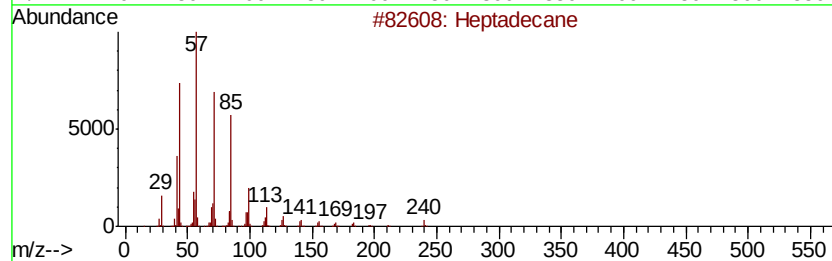
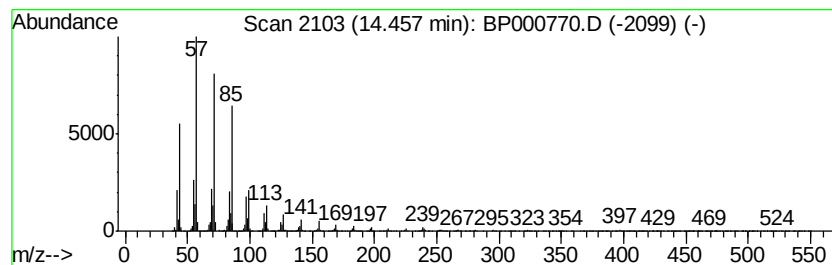
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.46	3.51 ng/ul	602655	Chrysene-d12		13.97	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	95
2	Heneicosane, 11-decyl-		437	C31H64	055320-06-4	94
3	Hexatriacontane		507	C36H74	000630-06-8	94
4	Tetratriacontane		479	C34H70	014167-59-0	91
5	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
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Acq On : 15 Oct 2019 16:57
Operator : JU
Sample : K5175-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BEP91

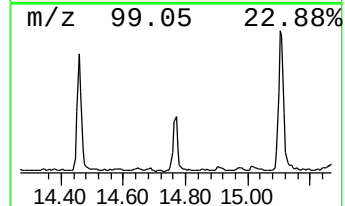
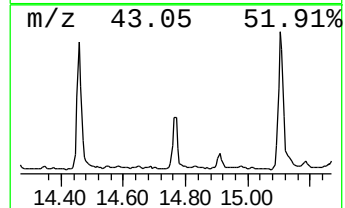
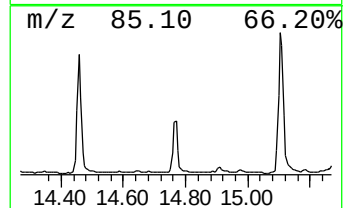
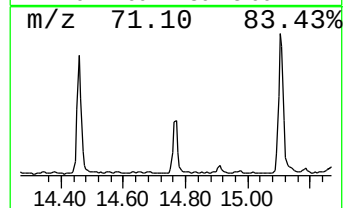
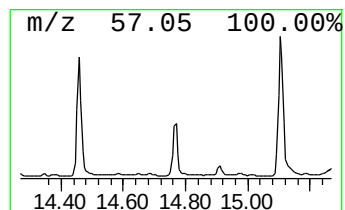
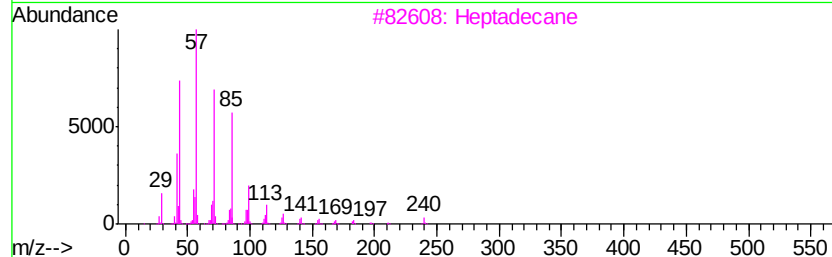
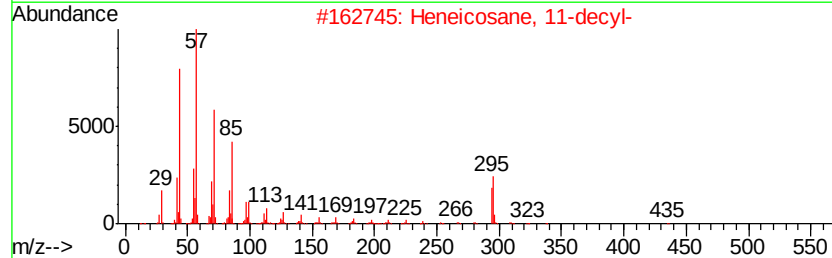
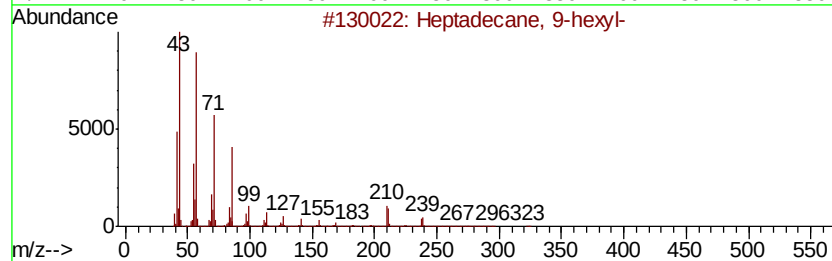
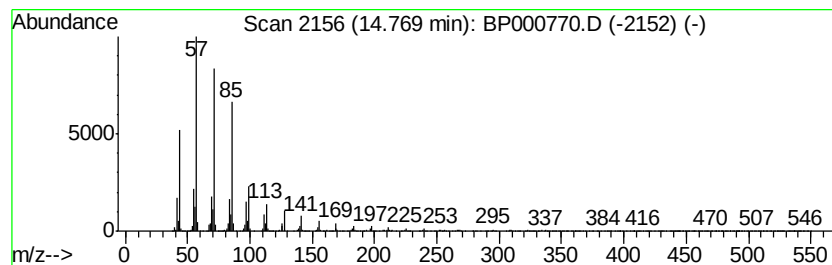
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	2.25 ng/ul	233838	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
2		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	93
3		Heptadecane	240	C17H36	000629-78-7	93
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
5		Heneicosane	296	C21H44	000629-94-7	91



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Data File : BP000770.D
Acq On : 15 Oct 2019 16:57
Operator : JU
Sample : K5175-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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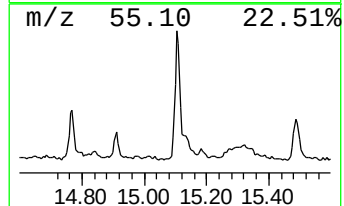
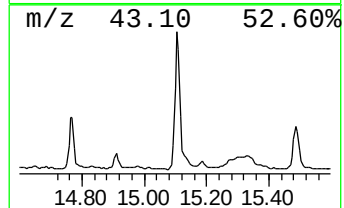
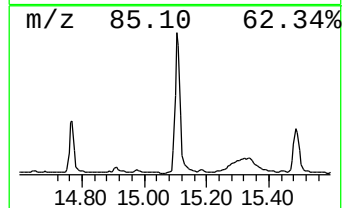
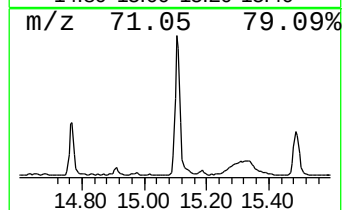
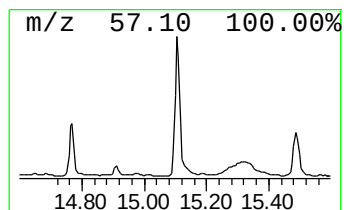
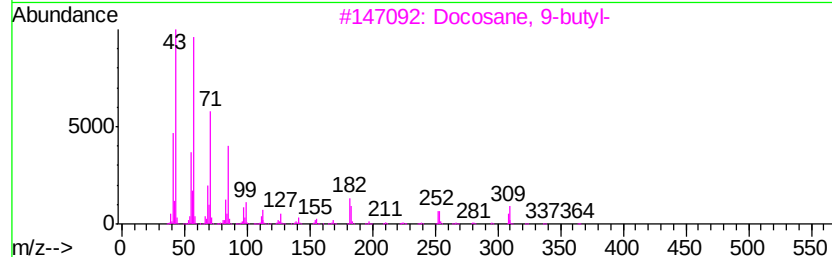
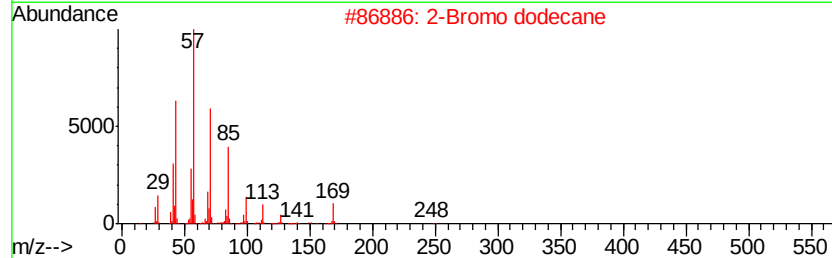
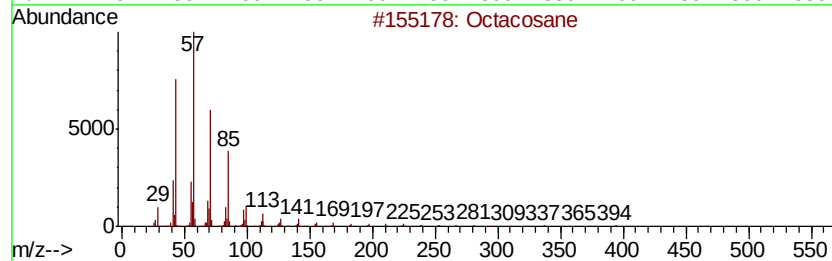
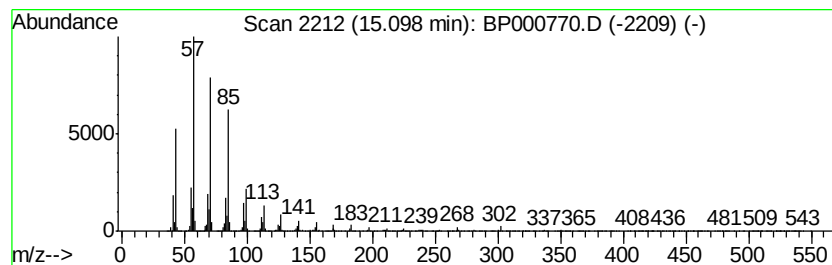
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	7.83 ng/ul	814588	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	98
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	96
3		Docosane, 9-butyl-	366	C26H54	055282-14-9	95
4		Nonadecane	268	C19H40	000629-92-5	95
5		Octacosane	394	C28H58	000630-02-4	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000770.D
Acq On : 15 Oct 2019 16:57
Operator : JU
Sample : K5175-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BEP91

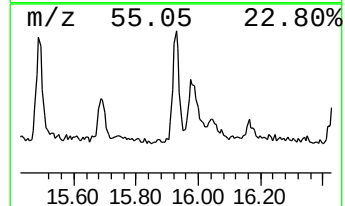
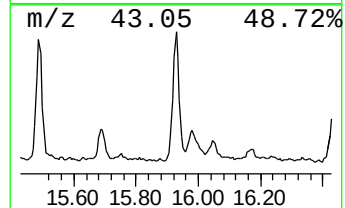
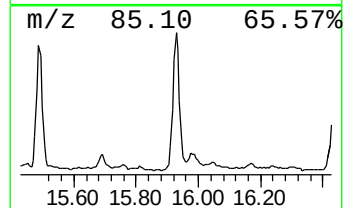
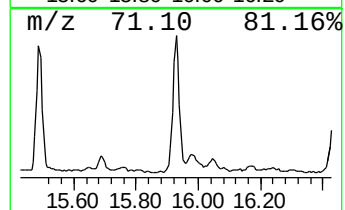
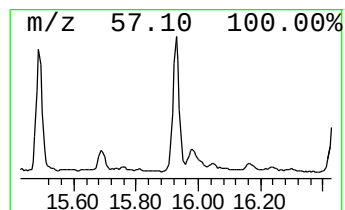
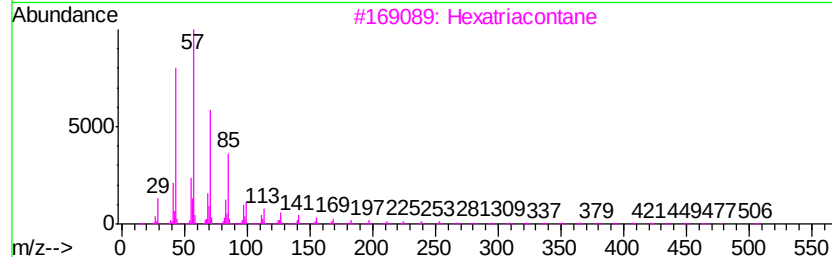
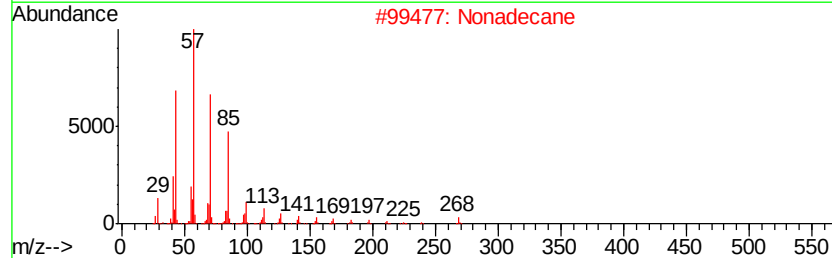
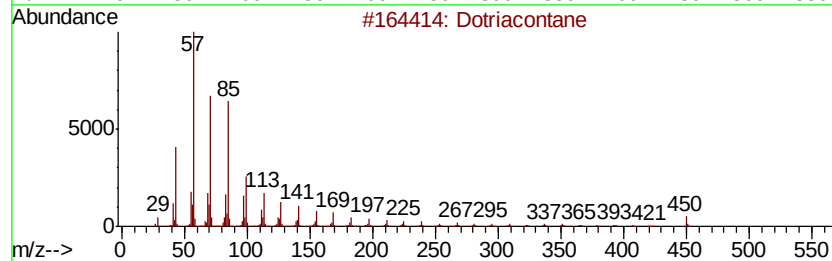
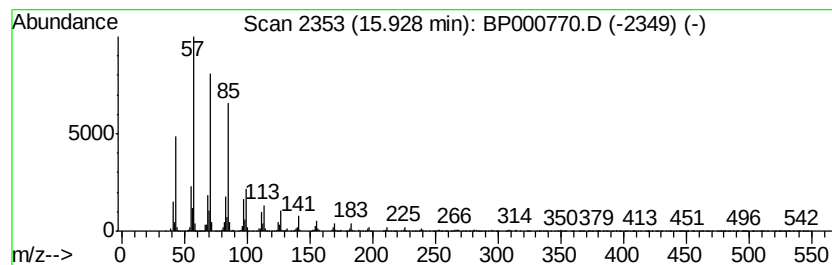
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	2.59 ng/ul	269525	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dotriacontane	451	C32H66	000544-85-4	95
2		Nonadecane	268	C19H40	000629-92-5	94
3		Hexatriacontane	507	C36H74	000630-06-8	94
4		Heneicosane	296	C21H44	000629-94-7	91
5		Tetratriacontane	479	C34H70	014167-59-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
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Operator : JU
Sample : K5175-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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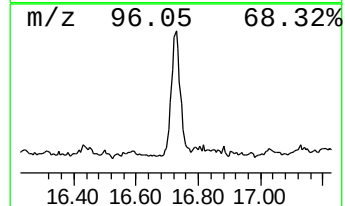
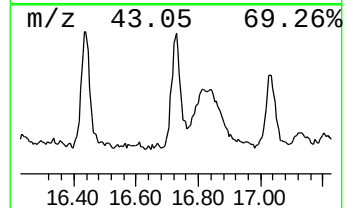
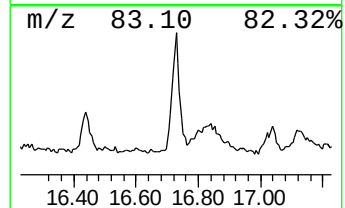
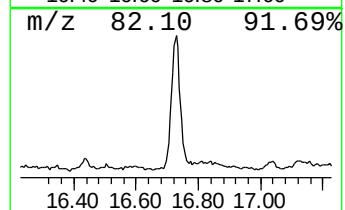
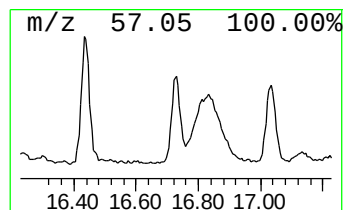
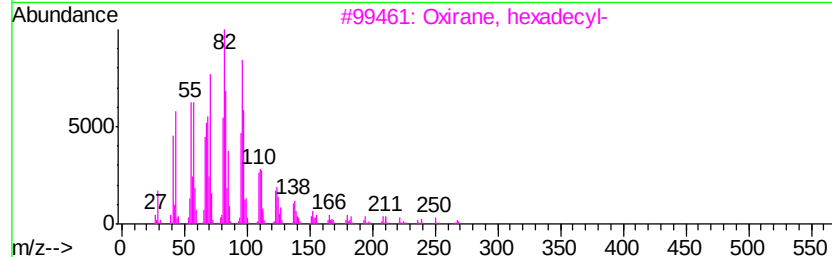
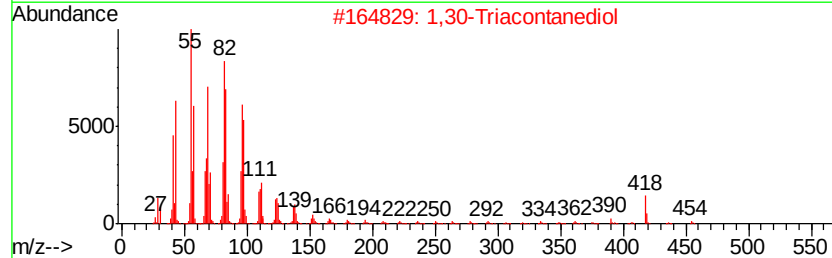
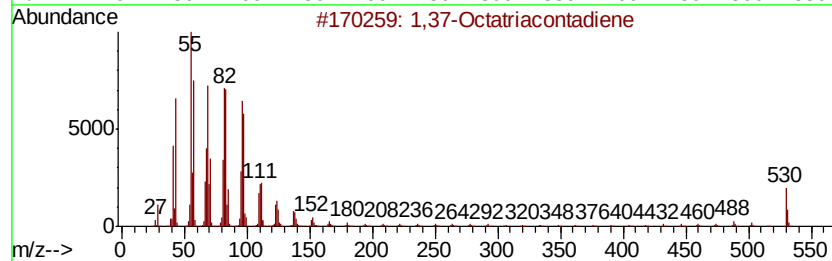
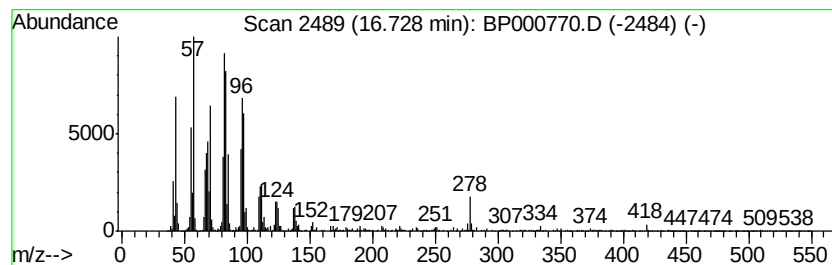
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1,37-Octatriacontadiene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	2.25 ng/ul	234183	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,37-Octatriacontadiene	531	C38H74	1000159-37-3	83
2		1,30-Triacontanediol	454	C30H62O2	036645-68-8	81
3		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	78
4		Cyclohexane, (1-hexyltetradecyl)-	364	C26H52	004443-60-1	78
5		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	76



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Sample : K5175-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	11.84	2.2	ng/ul	272365	4	11.29	2467960	20.0
(DEL) Alkane: Cyc...	13.82	8.7	ng/ul	1483520	5	13.97	3430450	20.0
(DEL) Alkane: Str...	14.46	3.5	ng/ul	602655	5	13.97	3430450	20.0
(DEL) Alkane: Str...	14.77	2.3	ng/ul	233838	6	15.45	2082010	20.0
(DEL) Alkane: Str...	15.10	7.8	ng/ul	814588	6	15.45	2082010	20.0
(DEL) Alkane: Str...	15.93	2.6	ng/ul	269525	6	15.45	2082010	20.0
1,37-Octatriacont...	16.73	2.3	ng/ul	234183	6	15.45	2082010	20.0