

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
 Data File : BP000767.D
 Acq On : 15 Oct 2019 15:45
 Operator : JU
 Sample : K5175-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BEPG3

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	43	47	60	rVB	61992	88400	1.75%	0.154%
2	3.511	237	242	253	rBV	28167	47589	0.94%	0.083%
3	3.758	281	284	292	rVB	13764	20382	0.40%	0.035%
4	4.916	477	481	486	rBV	76979	74367	1.47%	0.129%
5	6.387	727	731	736	rBV	1766258	1583481	31.29%	2.757%
6	6.434	736	739	750	rVB	1416652	1254601	24.79%	2.184%
7	6.522	750	754	757	rBV	1942446	1649723	32.60%	2.872%
8	6.752	789	793	796	rBV	1196226	1076353	21.27%	1.874%
9	7.134	854	858	874	rBV	1890198	1543118	30.50%	2.686%
10	7.310	884	888	891	rBV	1583086	1394251	27.55%	2.427%
11	7.522	921	924	927	rVB	23711	20633	0.41%	0.036%
12	7.634	939	943	946	rBV	1503663	1149936	22.73%	2.002%
13	7.881	982	985	994	rBV	2260293	1874323	37.04%	3.263%
14	8.034	1007	1011	1014	rBV	1704488	1395605	27.58%	2.430%
15	8.093	1018	1021	1036	rVV	1930328	1600531	31.63%	2.786%
16	8.716	1124	1127	1130	rBV	38171	31823	0.63%	0.055%
17	9.451	1249	1252	1255	rBV2	20614	21224	0.42%	0.037%
18	9.493	1255	1259	1261	rBV	2891726	2469880	48.81%	4.300%
19	9.510	1261	1262	1267	rVB	900452	572272	11.31%	0.996%
20	9.640	1281	1284	1288	rBV	3464781	3198505	63.21%	5.568%
21	9.799	1307	1311	1314	rVV	1990698	1642767	32.47%	2.860%
22	9.828	1314	1316	1320	rVB	53074	42748	0.84%	0.074%
23	9.910	1327	1330	1340	rBV	786025	817952	16.17%	1.424%
24	9.981	1340	1342	1344	rVV2	30162	28102	0.56%	0.049%
25	10.004	1344	1346	1351	rVB	95542	82197	1.62%	0.143%
26	10.210	1377	1381	1384	rBV3	16969	23592	0.47%	0.041%
27	10.322	1396	1400	1403	rBV	4093193	3613678	71.42%	6.291%
28	10.346	1403	1404	1409	rVB	66455	46862	0.93%	0.082%
29	10.393	1409	1412	1418	rBV	878216	731091	14.45%	1.273%
30	10.446	1418	1421	1426	rVV	70615	87316	1.73%	0.152%
31	10.716	1465	1467	1470	rVV2	28164	29840	0.59%	0.052%
32	11.034	1516	1521	1523	rBV	47491	46652	0.92%	0.081%
33	11.098	1529	1532	1537	rVB2	27901	33090	0.65%	0.058%
34	11.146	1537	1540	1543	rBV2	17377	25290	0.50%	0.044%

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35	11.193	1546	1548	1555	rVB	33920	33672	0.67%	0.059%
36	11.293	1562	1565	1568	rBV	1931906	1785972	35.30%	3.109%
37	11.316	1568	1569	1572	rVV	625766	464869	9.19%	0.809%
38	11.351	1572	1575	1582	rVV	3906446	3644365	72.02%	6.344%
39	11.410	1582	1585	1588	rVB2	22092	24640	0.49%	0.043%
40	11.528	1600	1605	1608	rBV2	62923	72756	1.44%	0.127%
41	11.634	1620	1623	1628	rVB3	20370	22248	0.44%	0.039%
42	11.804	1648	1652	1654	rVV	113347	99728	1.97%	0.174%
43	11.834	1654	1657	1661	rVV2	195755	259625	5.13%	0.452%
44	11.881	1662	1665	1667	rVV2	56988	68188	1.35%	0.119%
45	11.916	1667	1671	1673	rVV2	176536	192025	3.79%	0.334%
46	11.940	1673	1675	1680	rVB	82128	77476	1.53%	0.135%
47	12.016	1685	1688	1690	rVV3	32434	36862	0.73%	0.064%
48	12.040	1690	1692	1698	rVV5	24177	50251	0.99%	0.087%
49	12.104	1699	1703	1705	rVV2	84209	97287	1.92%	0.169%
50	12.128	1705	1707	1712	rVB2	72171	64089	1.27%	0.112%
51	12.251	1723	1728	1731	rBV2	41055	50237	0.99%	0.087%
52	12.287	1731	1734	1736	rVV	35201	29857	0.59%	0.052%
53	12.363	1744	1747	1749	rVV	89696	88535	1.75%	0.154%
54	12.398	1750	1753	1755	rVV2	54150	68353	1.35%	0.119%
55	12.445	1759	1761	1766	rVB2	65623	76416	1.51%	0.133%
56	12.522	1768	1774	1778	rVB	1000121	892884	17.65%	1.554%
57	12.569	1780	1782	1784	rBV	34502	30530	0.60%	0.053%
58	12.622	1788	1791	1793	rBV	27320	24497	0.48%	0.043%
59	12.663	1794	1798	1804	rBV2	78396	107179	2.12%	0.187%
60	12.740	1806	1811	1817	rVV2	4652476	5059987	100.00%	8.809%
61	12.804	1820	1822	1827	rVB2	50107	66849	1.32%	0.116%
62	12.875	1831	1834	1836	rBV	60077	52363	1.03%	0.091%
63	12.916	1838	1841	1845	rVB	59753	62585	1.24%	0.109%
64	12.975	1847	1851	1855	rBV2	83650	129340	2.56%	0.225%
65	13.040	1859	1862	1864	rBV2	26396	33193	0.66%	0.058%
66	13.063	1864	1866	1868	rBV3	60038	65696	1.30%	0.114%
67	13.087	1868	1870	1873	rVB	166172	140601	2.78%	0.245%
68	13.122	1873	1876	1878	rBV2	33534	40874	0.81%	0.071%
69	13.157	1878	1882	1884	rVB3	100215	97722	1.93%	0.170%
70	13.192	1884	1888	1891	rBV	148638	138801	2.74%	0.242%
71	13.287	1901	1904	1907	rVB	102485	85420	1.69%	0.149%

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72	13.316	1907	1909	1914	rBV	89204	83124	1.64%	0.145%
73	13.492	1937	1939	1942	rBV2	40122	44110	0.87%	0.077%
74	13.604	1956	1958	1959	rBV	63059	47452	0.94%	0.083%
75	13.628	1959	1962	1967	rVB2	233081	250834	4.96%	0.437%
76	13.716	1973	1977	1979	rBV2	101206	120041	2.37%	0.209%
77	13.745	1979	1982	1984	rVB	75098	67048	1.33%	0.117%
78	13.769	1984	1986	1991	rBV2	56075	80022	1.58%	0.139%
79	13.816	1991	1994	2003	rBV	658462	839225	16.59%	1.461%
80	13.963	2015	2019	2023	rBV2	2465514	3569981	70.55%	6.215%
81	13.992	2023	2024	2028	rVB	458562	359911	7.11%	0.627%
82	14.075	2036	2038	2041	rVB	65103	53367	1.05%	0.093%
83	14.145	2048	2050	2055	rVB3	90744	112199	2.22%	0.195%
84	14.328	2079	2081	2083	rBV	38886	34329	0.68%	0.060%
85	14.363	2085	2087	2090	rVB	136977	113767	2.25%	0.198%
86	14.398	2091	2093	2096	rVB	76928	63102	1.25%	0.110%
87	14.457	2100	2103	2106	rBV2	210468	208771	4.13%	0.363%
88	14.769	2153	2156	2158	rBV	139292	131123	2.59%	0.228%
89	14.839	2165	2168	2176	rVB	297533	329004	6.50%	0.573%
90	14.969	2188	2190	2193	rBV2	54696	53888	1.06%	0.094%
91	15.022	2194	2199	2207	rBV	456403	864639	17.09%	1.505%
92	15.104	2210	2213	2216	rBV2	226842	306851	6.06%	0.534%
93	15.322	2247	2250	2252	rBV	208435	234656	4.64%	0.409%
94	15.363	2252	2257	2260	rBV	3148327	3767919	74.46%	6.560%
95	15.451	2267	2272	2275	rBV	1538608	1866229	36.88%	3.249%
96	15.486	2275	2278	2287	rVB3	206751	340278	6.72%	0.592%
97	15.928	2349	2353	2358	rBV2	154095	222045	4.39%	0.387%
98	16.439	2436	2440	2444	rBV	67283	99688	1.97%	0.174%
99	16.916	2516	2521	2530	rVB2	151436	304388	6.02%	0.530%
100	17.357	2591	2596	2606	rVB	110519	219498	4.34%	0.382%

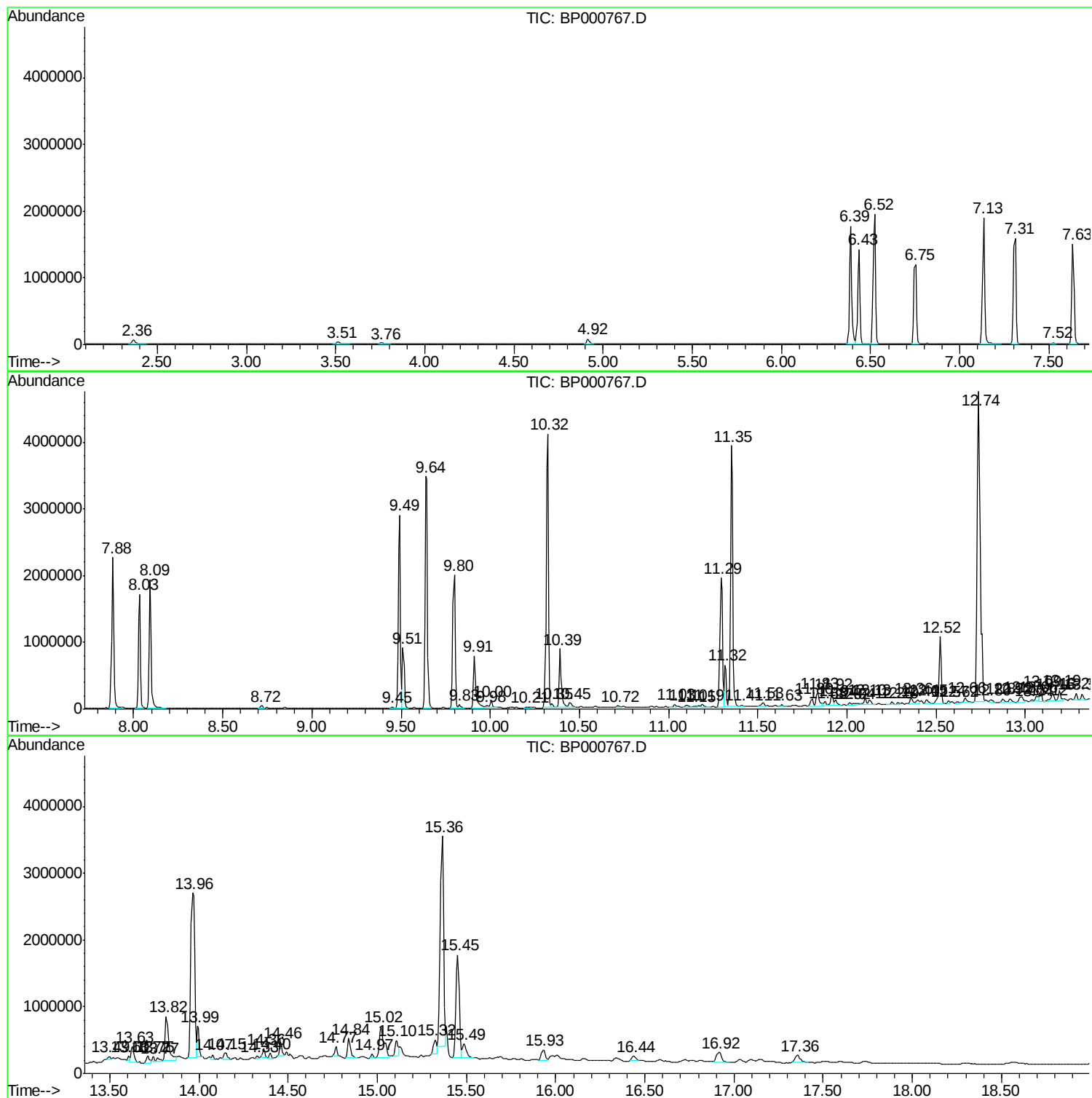
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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



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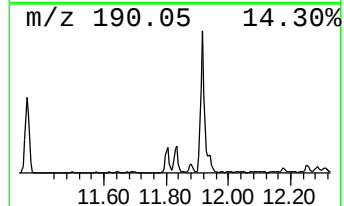
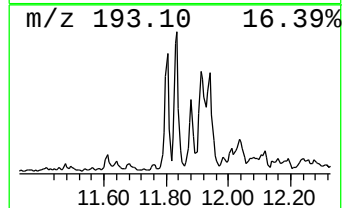
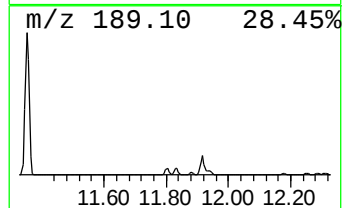
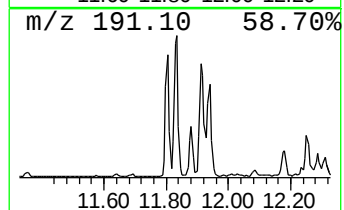
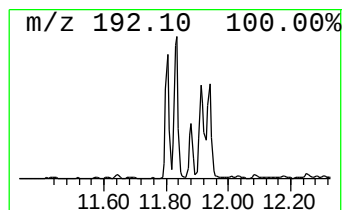
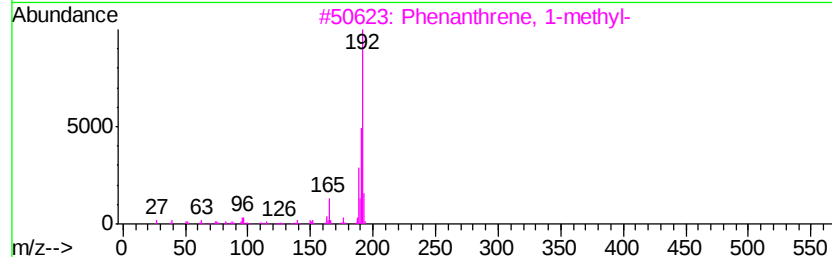
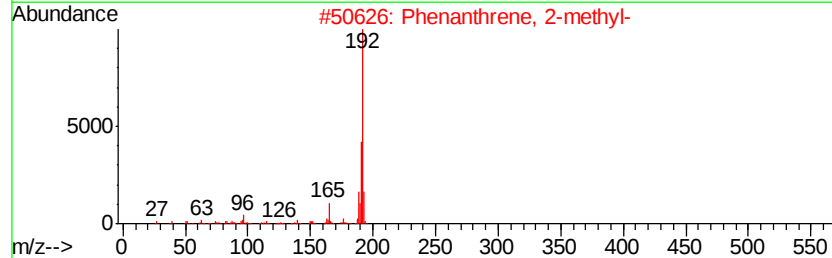
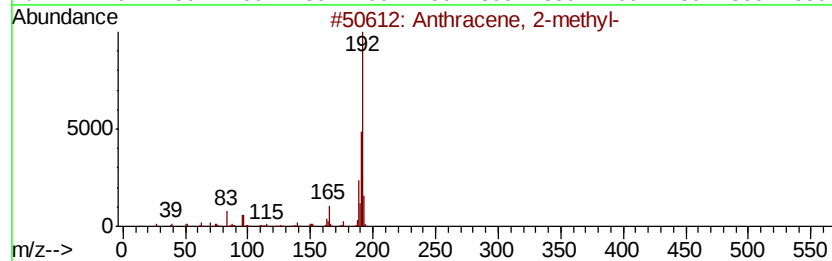
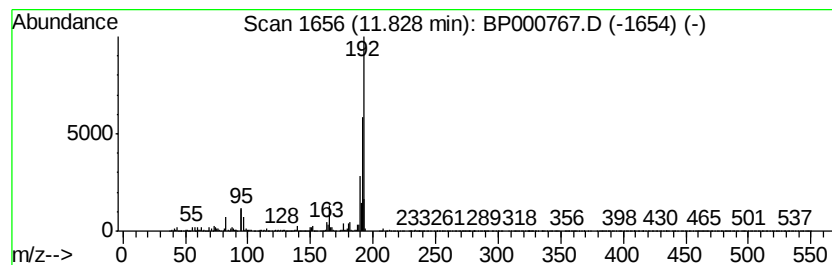
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.83	2.91 ng/ul	259625	Phenanthrene-d10		11.29	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94



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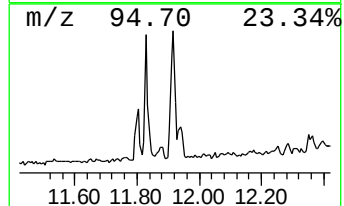
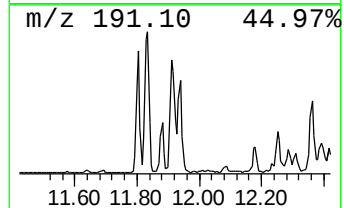
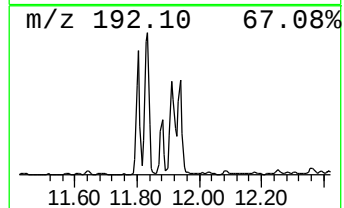
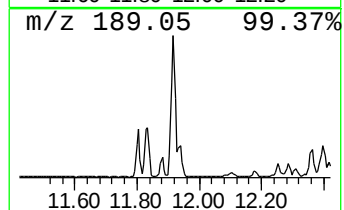
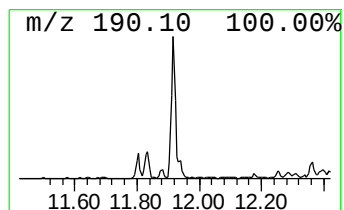
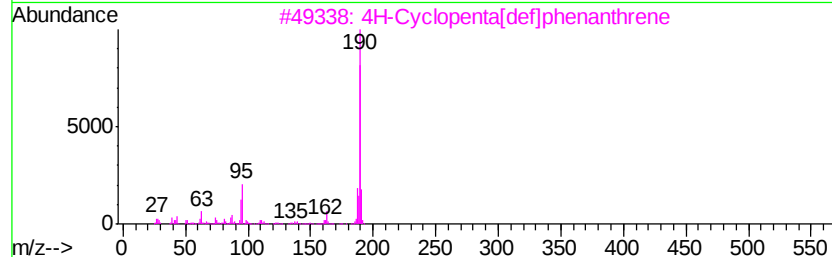
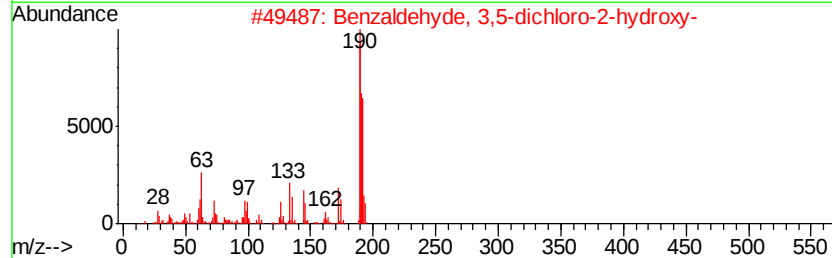
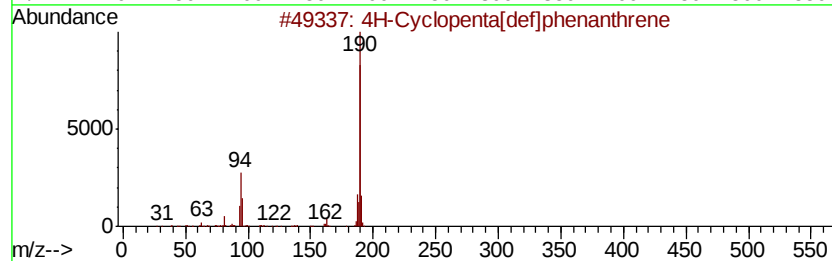
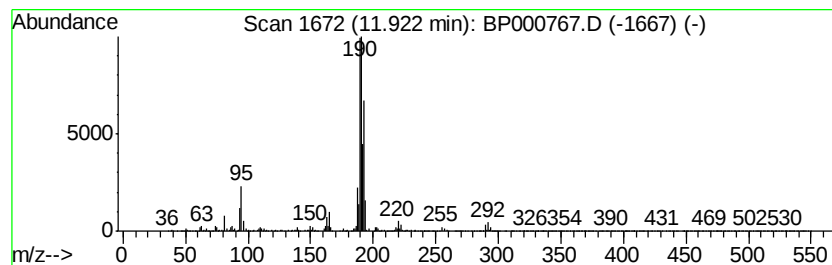
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	2.15 ng/ul	192025	Phenanthrene-d10	11.29

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
4		6H-Cyclobuta[fik]phenanthrene	190	C15H10	083469-43-6	53
5		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50



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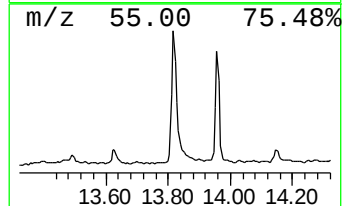
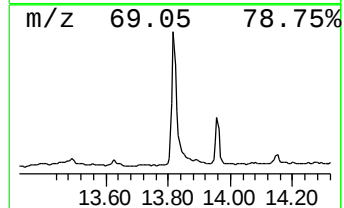
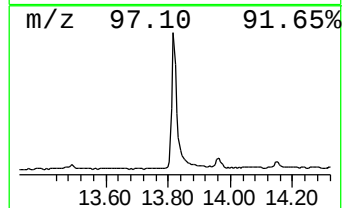
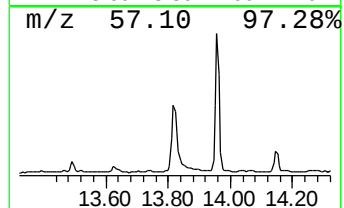
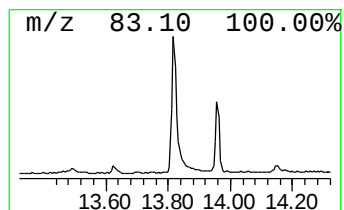
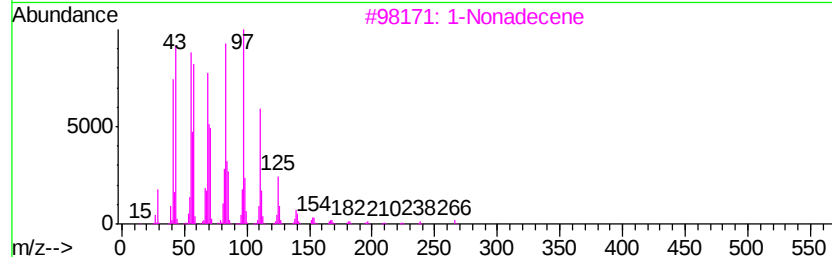
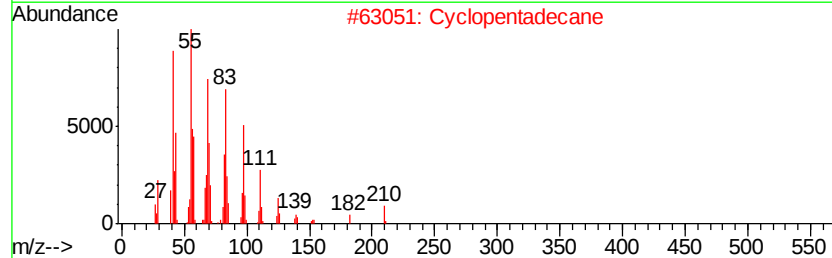
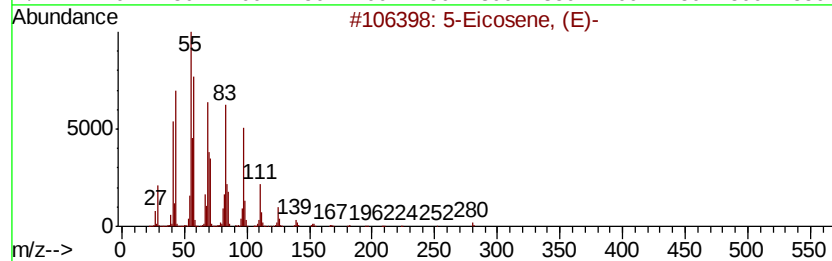
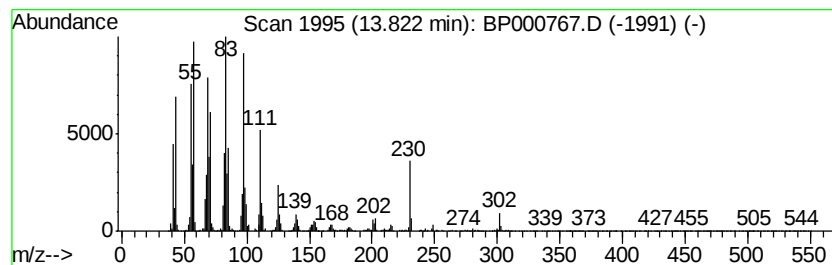
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Peak Number 3 (DEL) Alkane: Cyclic13.82 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	4.70 ng/ul	839225	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2		Cyclopentadecane	210	C15H30	000295-48-7	93
3		1-Nonadecene	266	C19H38	018435-45-5	93
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	90
5		1-Octadecanol	270	C18H38O	000112-92-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000767.D
Acq On : 15 Oct 2019 15:45
Operator : JU
Sample : K5175-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BEPG3

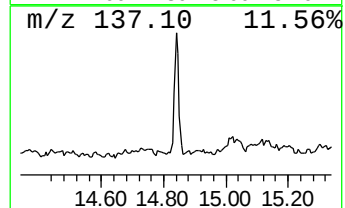
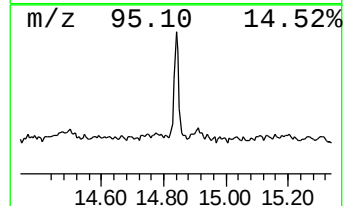
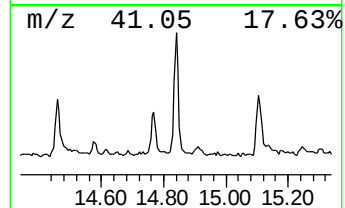
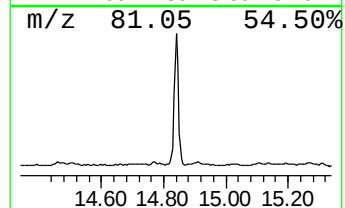
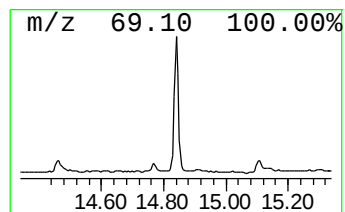
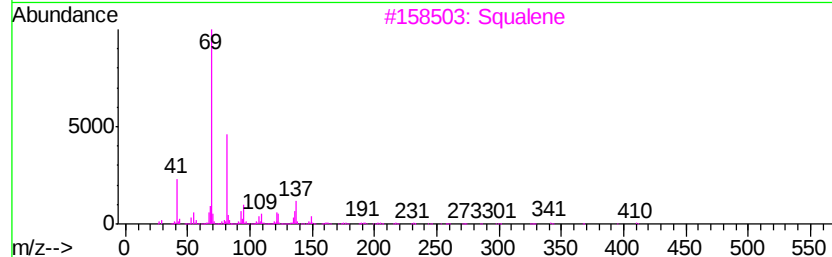
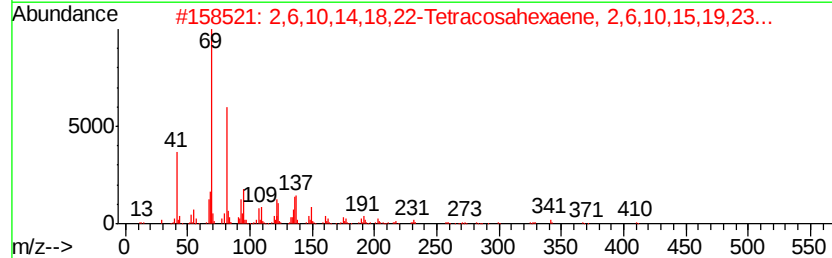
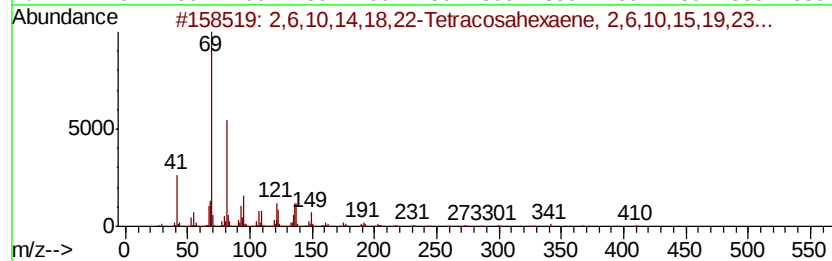
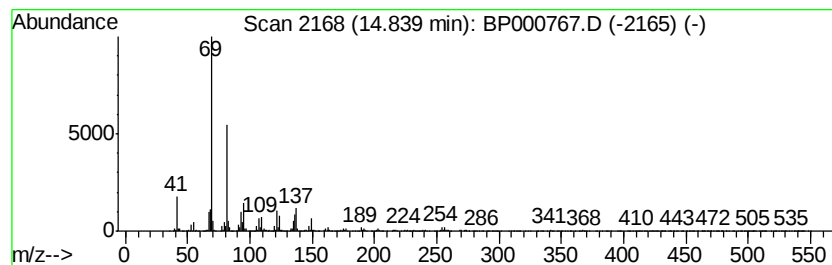
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 2,6,10,14,18,22-Tetracosahexaene... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	3.53 ng/ul	329004	Perylene-d12	15.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	98		
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91		
3	Squalene	410	C30H50	007683-64-9	91		
4	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	83		
5	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	52		



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000767.D
Acq On : 15 Oct 2019 15:45
Operator : JU
Sample : K5175-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BEPG3

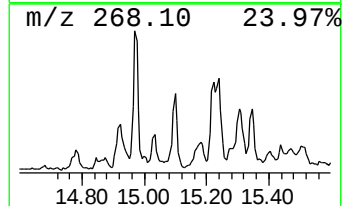
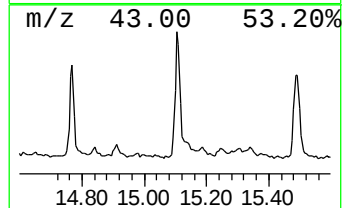
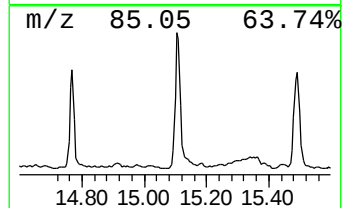
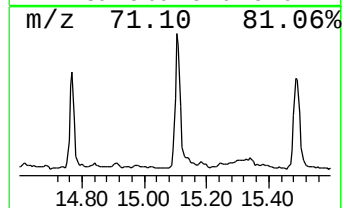
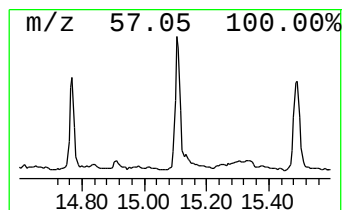
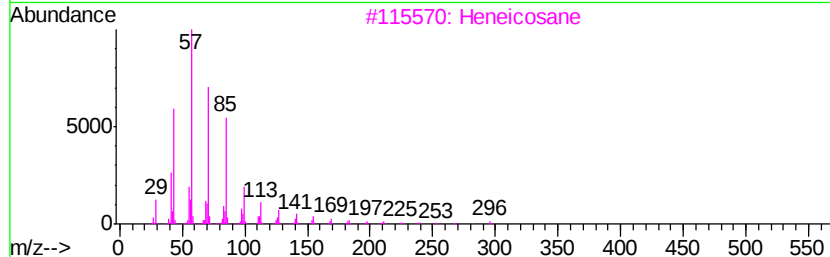
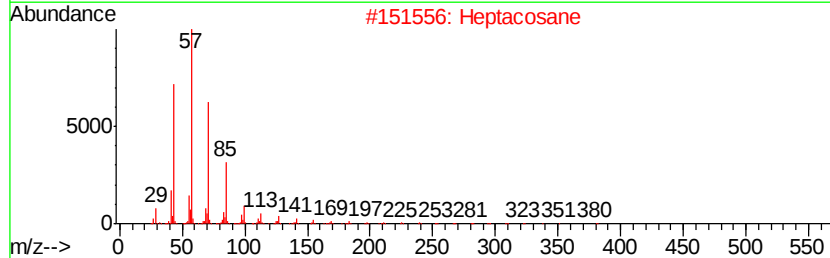
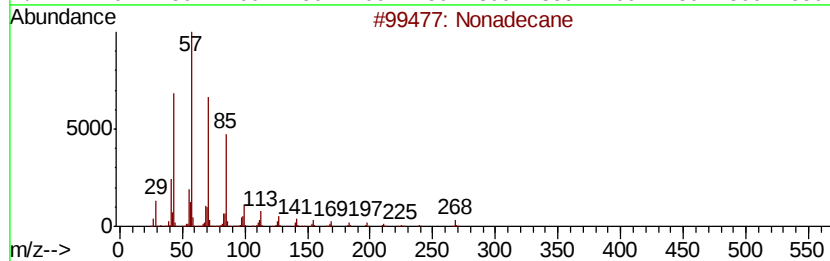
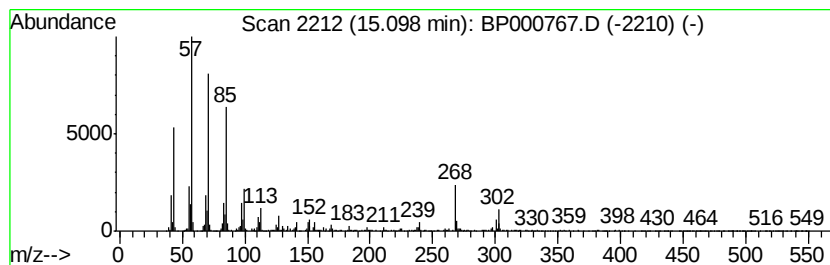
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	3.29 ng/ul	306851	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	96
2		Heptacosane	380	C27H56	000593-49-7	95
3		Heneicosane	296	C21H44	000629-94-7	90
4		Heptadecane	240	C17H36	000629-78-7	87
5		Hexatriacontane	507	C36H74	000630-06-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000767.D
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Operator : JU
Sample : K5175-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BEPG3

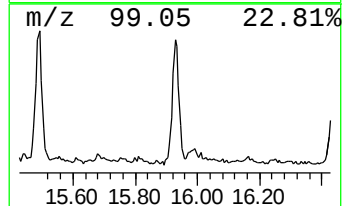
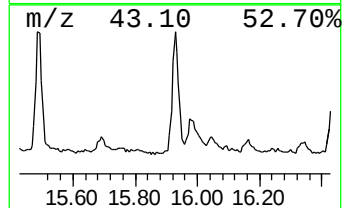
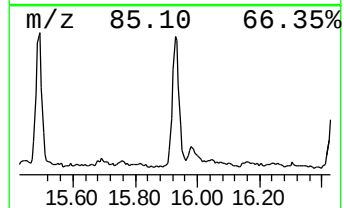
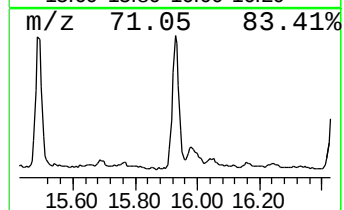
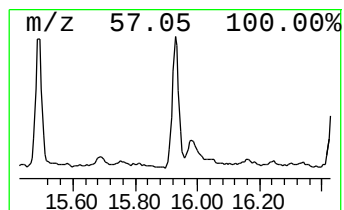
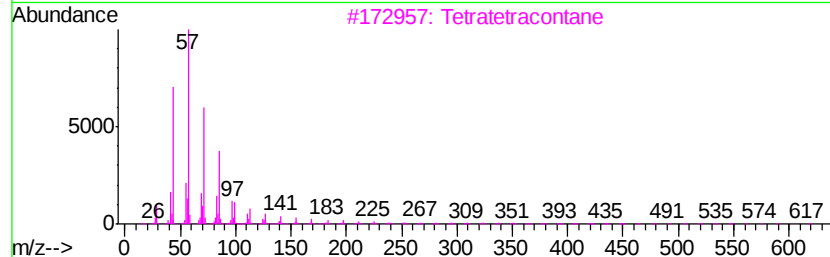
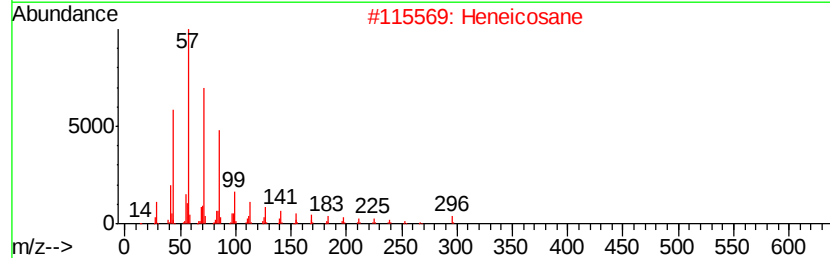
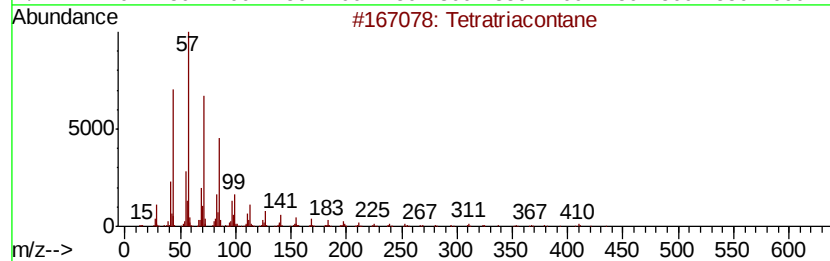
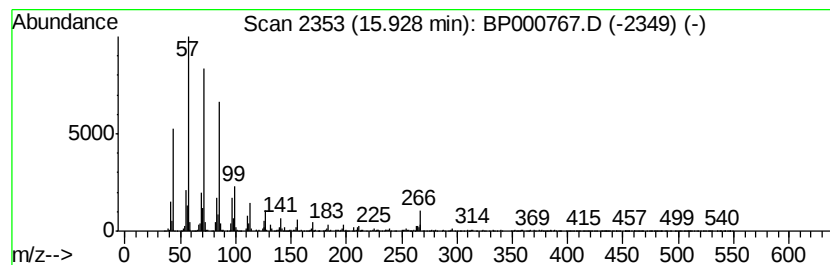
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	2.38 ng/ul	222045	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Heptadecane	240	C17H36	000629-78-7	90
5		Eicosane	282	C20H42	000112-95-8	90



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Sample : K5175-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BEPG3

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
Anthracene, 2-met...	11.83	2.9	ng/ul	259625	4	11.29	1785970	20.0
4H-Cyclopenta[def...	11.92	2.1	ng/ul	192025	4	11.29	1785970	20.0
(DEL) Alkane: Cyc...	13.82	4.7	ng/ul	839225	5	13.97	3569980	20.0
2,6,10,14,18,22-T...	14.84	3.5	ng/ul	329004	6	15.45	1866230	20.0
(DEL) Alkane: Str...	15.10	3.3	ng/ul	306851	6	15.45	1866230	20.0
(DEL) Alkane: Str...	15.93	2.4	ng/ul	222045	6	15.45	1866230	20.0