

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
 Data File : BP000772.D
 Acq On : 15 Oct 2019 17:45
 Operator : JU
 Sample : K5175-21
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BEPG5

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	2.352	42	45	59	rBV	48764	72131	1.51%	0.124%
2	4.917	477	481	486	rBV	71041	73954	1.54%	0.127%
3	6.387	727	731	736	rBV	1514023	1398212	29.19%	2.399%
4	6.434	736	739	750	rVB	1268872	1096444	22.89%	1.881%
5	6.522	750	754	757	rBV	1669357	1407503	29.39%	2.415%
6	6.752	789	793	801	rBV	1377415	1202150	25.10%	2.062%
7	7.134	854	858	873	rBV	1841102	1479068	30.88%	2.537%
8	7.305	884	887	891	rBV	1387535	1219250	25.46%	2.092%
9	7.634	939	943	954	rBV	1314441	1017875	21.25%	1.746%
10	7.881	982	985	994	rVV	2013053	1666303	34.79%	2.859%
11	8.034	1007	1011	1014	rVV	2027185	1619215	33.81%	2.778%
12	8.093	1018	1021	1037	rVB	1811461	1430194	29.86%	2.454%
13	9.493	1255	1259	1261	rBV	2513397	2312094	48.27%	3.967%
14	9.510	1261	1262	1266	rVB	1101985	710490	14.83%	1.219%
15	9.640	1281	1284	1288	rBV	3244558	2910959	60.77%	4.994%
16	9.799	1307	1311	1314	rVV	2441817	2011446	41.99%	3.451%
17	9.828	1314	1316	1320	rVV	78608	62626	1.31%	0.107%
18	9.910	1327	1330	1340	rVV	695821	730372	15.25%	1.253%
19	10.004	1343	1346	1351	rVV	227790	200263	4.18%	0.344%
20	10.322	1396	1400	1403	rBV	3887876	3371787	70.40%	5.785%
21	10.346	1403	1404	1409	rVB	131331	91111	1.90%	0.156%
22	10.393	1409	1412	1418	rBV	819558	681307	14.22%	1.169%
23	10.446	1418	1421	1426	rVV2	67252	90095	1.88%	0.155%
24	10.510	1429	1432	1436	rVB	48501	43367	0.91%	0.074%
25	10.587	1442	1445	1450	rVB	55046	61285	1.28%	0.105%
26	10.699	1461	1464	1466	rBV	85363	73249	1.53%	0.126%
27	10.904	1491	1499	1502	rBV5	31528	57672	1.20%	0.099%
28	11.099	1529	1532	1536	rVB2	63090	62337	1.30%	0.107%
29	11.146	1536	1540	1543	rBV2	37605	49535	1.03%	0.085%
30	11.187	1545	1547	1553	rVB	64595	65044	1.36%	0.112%
31	11.293	1562	1565	1568	rBV	2240330	2245679	46.88%	3.853%
32	11.316	1568	1569	1572	rVV	1198618	911271	19.03%	1.563%
33	11.351	1572	1575	1578	rVV	3768851	3498320	73.04%	6.002%
34	11.404	1582	1584	1588	rVB	77293	67719	1.41%	0.116%

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35	11.528	1599	1605	1608	rBV2	222173	227515	4.75%	0.390%
36	11.804	1646	1652	1654	rBV	210092	201367	4.20%	0.345%
37	11.834	1654	1657	1661	rVV2	373253	397213	8.29%	0.681%
38	11.881	1661	1665	1668	rVV2	158487	160234	3.35%	0.275%
39	11.916	1668	1671	1673	rVV	275434	298152	6.22%	0.512%
40	11.940	1673	1675	1678	rVV	156929	130766	2.73%	0.224%
41	12.010	1685	1687	1690	rVV	66986	60776	1.27%	0.104%
42	12.063	1694	1696	1700	rVV4	30209	41386	0.86%	0.071%
43	12.104	1700	1703	1705	rVV	132813	123449	2.58%	0.212%
44	12.128	1705	1707	1710	rVB	58376	43325	0.90%	0.074%
45	12.251	1723	1728	1731	rBV3	61566	67151	1.40%	0.115%
46	12.357	1743	1746	1750	rBV	112814	130197	2.72%	0.223%
47	12.404	1750	1754	1758	rVB3	76066	129797	2.71%	0.223%
48	12.446	1758	1761	1767	rVB2	106642	128071	2.67%	0.220%
49	12.522	1767	1774	1778	rBV	1435534	1250852	26.12%	2.146%
50	12.663	1793	1798	1804	rBV4	80464	130064	2.72%	0.223%
51	12.740	1807	1811	1816	rBV2	4313912	4789774	100.00%	8.217%
52	12.804	1820	1822	1828	rVB2	128173	137962	2.88%	0.237%
53	12.875	1831	1834	1837	rBV	135043	118011	2.46%	0.202%
54	12.916	1838	1841	1845	rVB	91428	97878	2.04%	0.168%
55	12.981	1846	1852	1855	rBV3	132115	225273	4.70%	0.386%
56	13.040	1859	1862	1863	rBV2	50703	48079	1.00%	0.082%
57	13.063	1863	1866	1867	rBV3	76986	64550	1.35%	0.111%
58	13.087	1867	1870	1873	rVB	291703	271204	5.66%	0.465%
59	13.151	1878	1881	1884	rVB2	174190	175989	3.67%	0.302%
60	13.193	1884	1888	1891	rBV	232655	246595	5.15%	0.423%
61	13.287	1901	1904	1907	rVB	105567	88737	1.85%	0.152%
62	13.316	1907	1909	1913	rBV2	108531	113029	2.36%	0.194%
63	13.393	1919	1922	1927	rVB3	49825	84664	1.77%	0.145%
64	13.475	1933	1936	1937	rBV	52597	55912	1.17%	0.096%
65	13.493	1937	1939	1942	rVV2	130373	150444	3.14%	0.258%
66	13.604	1955	1958	1962	rVB	124602	131742	2.75%	0.226%
67	13.710	1972	1976	1979	rBV2	102746	136882	2.86%	0.235%
68	13.740	1979	1981	1984	rVV	119918	115230	2.41%	0.198%
69	13.769	1984	1986	1987	rVV	57564	49343	1.03%	0.085%
70	13.816	1991	1994	2001	rVB2	740974	808436	16.88%	1.387%
71	13.969	2015	2020	2023	rBV2	2468471	2736099	57.12%	4.694%

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72	13.992	2023	2024	2027	rVB	555917	417013	8.71%	0.715%
73	14.075	2033	2038	2041	rBV2	68313	85521	1.79%	0.147%
74	14.145	2047	2050	2055	rVV4	187499	230756	4.82%	0.396%
75	14.198	2055	2059	2063	rVV3	84000	102716	2.14%	0.176%
76	14.298	2073	2076	2079	rBV3	33423	43865	0.92%	0.075%
77	14.328	2079	2081	2083	rVV	59102	55886	1.17%	0.096%
78	14.363	2083	2087	2090	rVV	224114	239579	5.00%	0.411%
79	14.398	2090	2093	2097	rVV	111724	116211	2.43%	0.199%
80	14.457	2097	2103	2106	rVV2	314316	375952	7.85%	0.645%
81	14.492	2106	2109	2111	rVV2	100152	128802	2.69%	0.221%
82	14.510	2111	2112	2116	rVV3	86470	79176	1.65%	0.136%
83	14.563	2119	2121	2127	rVB3	58585	68250	1.42%	0.117%
84	14.769	2152	2156	2159	rBV2	209915	238071	4.97%	0.408%
85	14.845	2165	2169	2170	rBV2	43118	55622	1.16%	0.095%
86	14.969	2187	2190	2194	rVB2	57668	67491	1.41%	0.116%
87	15.022	2194	2199	2202	rBV	423226	662743	13.84%	1.137%
88	15.110	2209	2214	2216	rBV2	215151	290221	6.06%	0.498%
89	15.322	2246	2250	2252	rBV	191257	232828	4.86%	0.399%
90	15.363	2252	2257	2260	rVV	2515203	3281210	68.50%	5.629%
91	15.387	2260	2261	2266	rVB	423193	307017	6.41%	0.527%
92	15.451	2267	2272	2275	rBV	1576656	1879296	39.24%	3.224%
93	15.487	2275	2278	2285	rVB3	190300	301602	6.30%	0.517%
94	15.928	2349	2353	2358	rBV2	128781	186773	3.90%	0.320%
95	15.981	2359	2362	2364	rBV4	33334	46635	0.97%	0.080%
96	16.339	2419	2423	2424	rBV4	55510	72893	1.52%	0.125%
97	16.439	2436	2440	2446	rBV2	48552	75358	1.57%	0.129%
98	16.916	2516	2521	2531	rVB2	126905	253934	5.30%	0.436%
99	17.092	2547	2551	2556	rBV	43069	82623	1.72%	0.142%
100	17.357	2591	2596	2607	rVB2	67857	154222	3.22%	0.265%

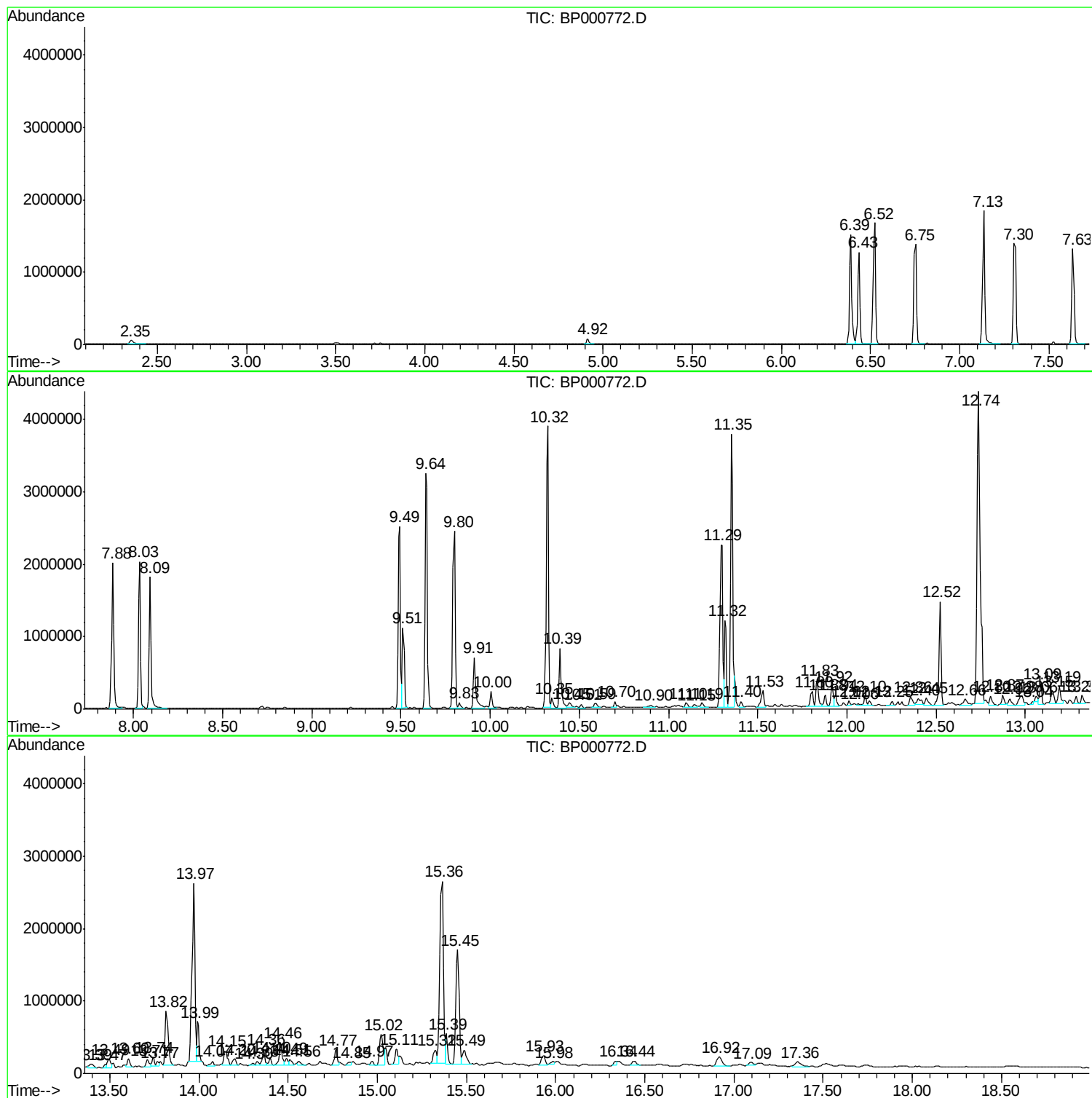
Sum of corrected areas: 58288741

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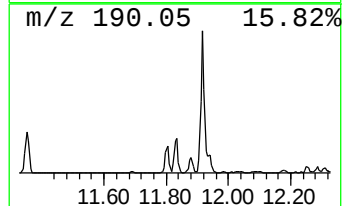
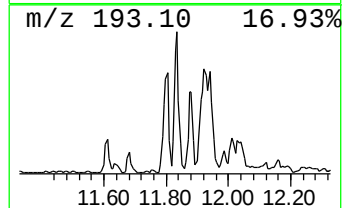
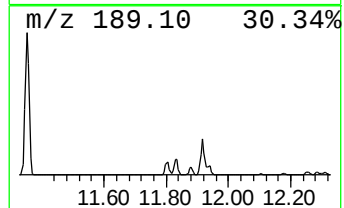
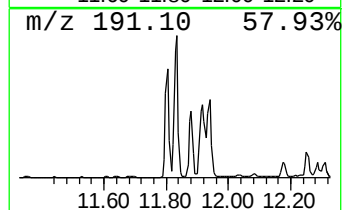
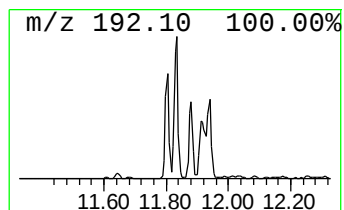
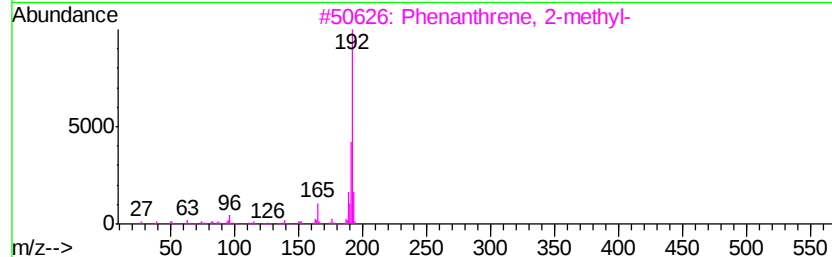
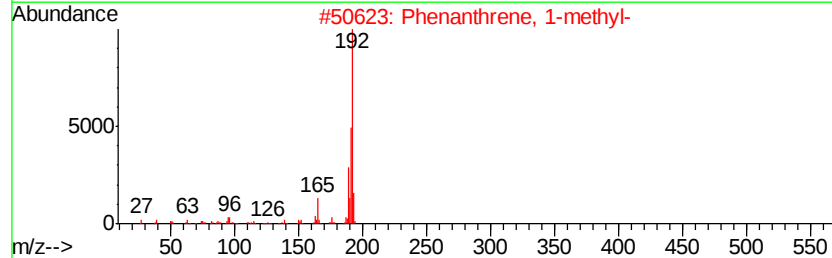
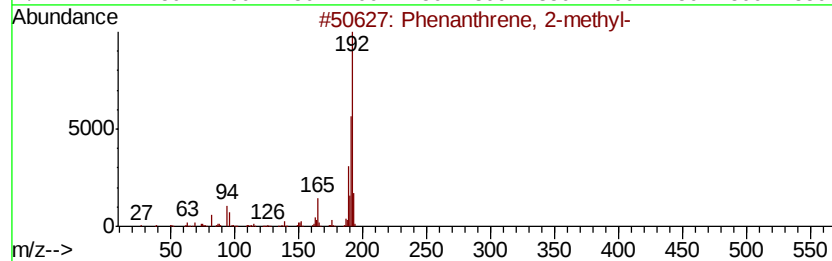
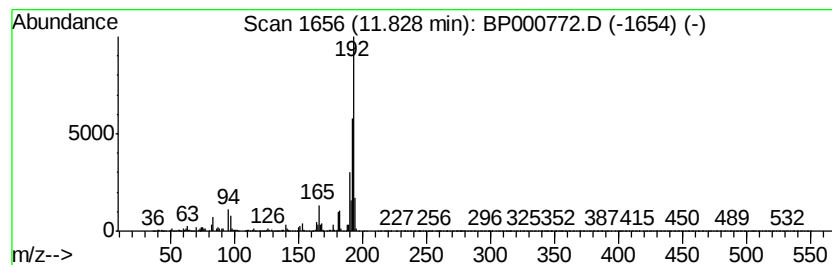
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.83	3.54 ng/ul	397213	Phenanthrene-d10	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95



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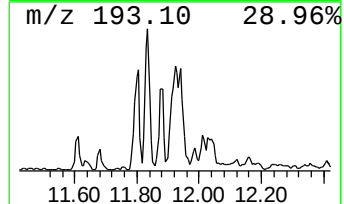
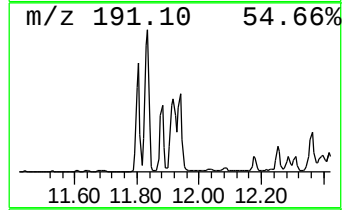
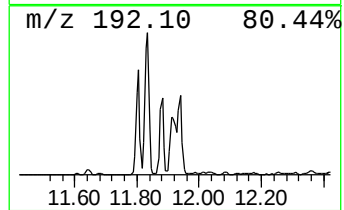
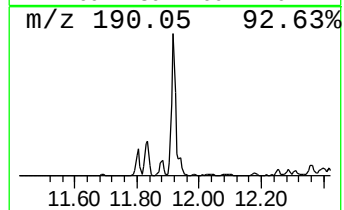
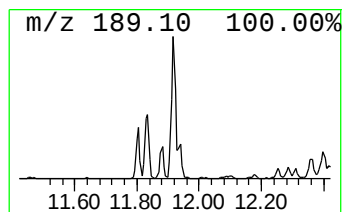
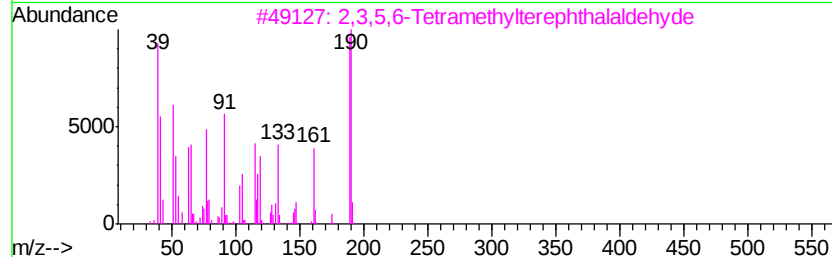
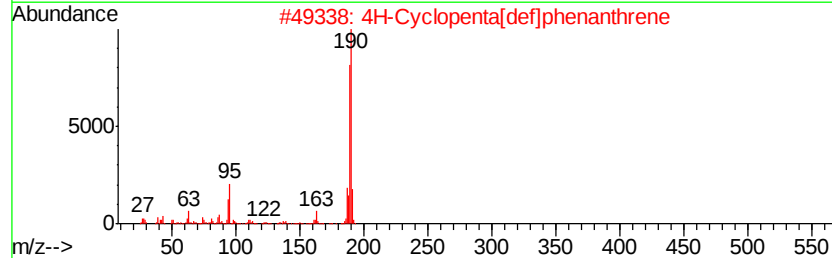
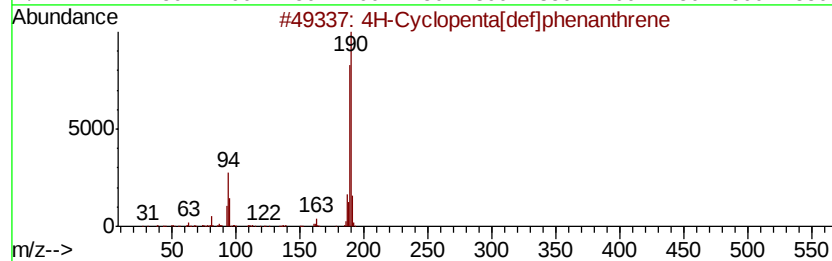
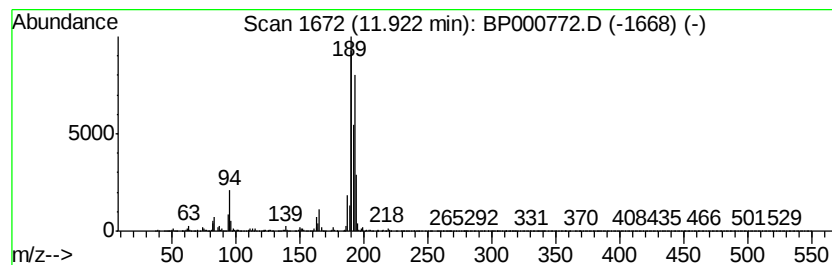
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	2.66 ng/ul	298152	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3		2,3,5,6-Tetramethylterephthalaldehyde...	190	C12H14O2	007072-01-7	43
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30



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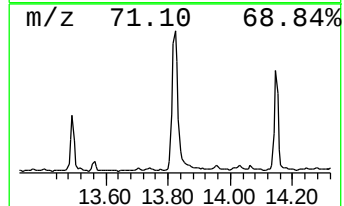
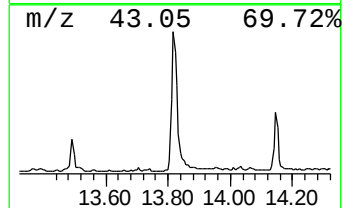
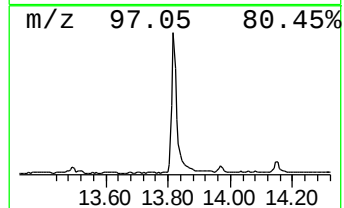
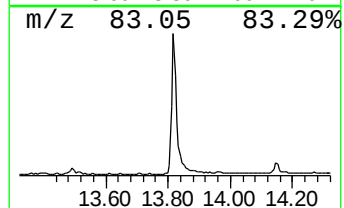
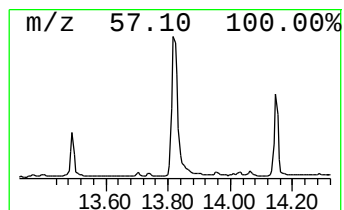
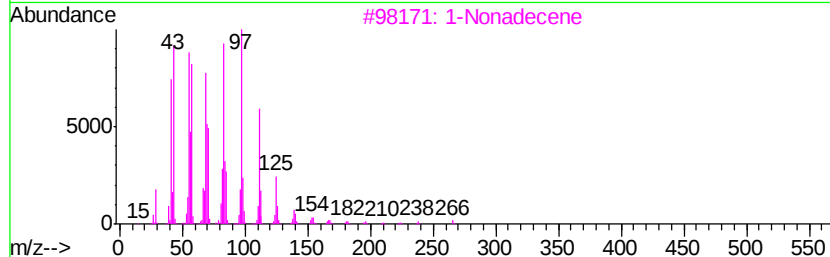
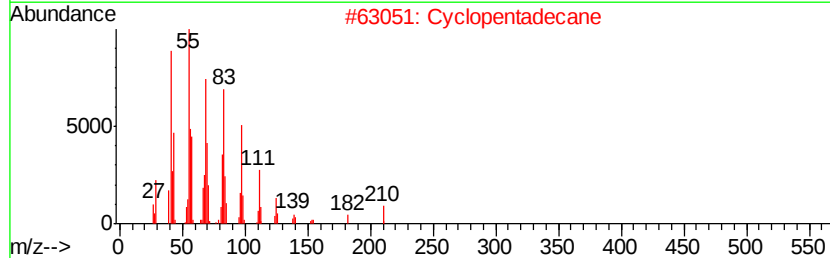
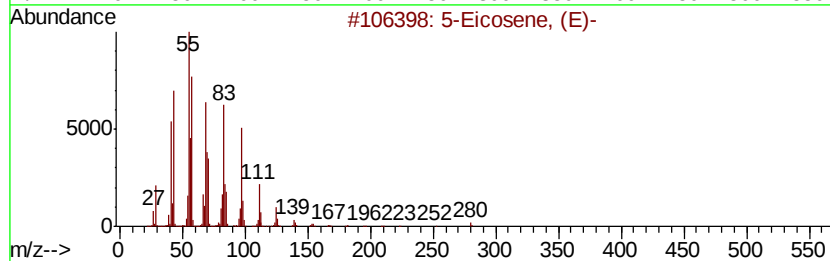
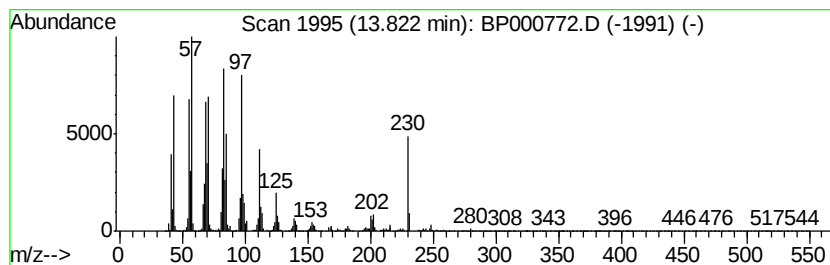
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Peak Number 3 (DEL) Alkane: Cyclic13.82 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	5.91 ng/ul	808436	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	94
3		1-Nonadecene	266	C19H38	018435-45-5	90
4		2-Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	90
5		1-Docosene	308	C22H44	001599-67-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000772.D
Acq On : 15 Oct 2019 17:45
Operator : JU
Sample : K5175-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BEPG5

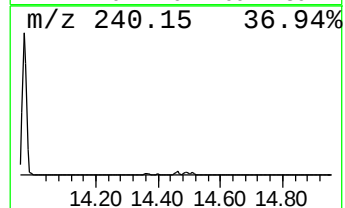
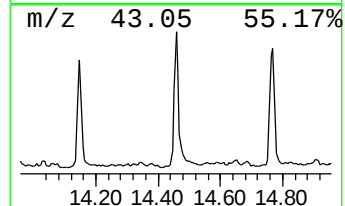
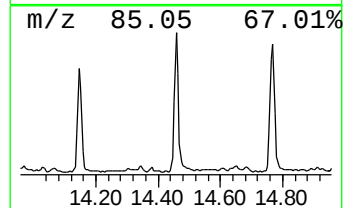
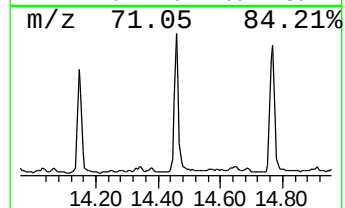
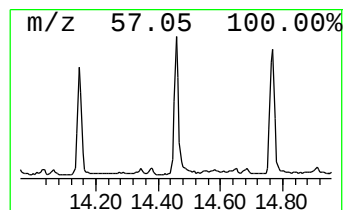
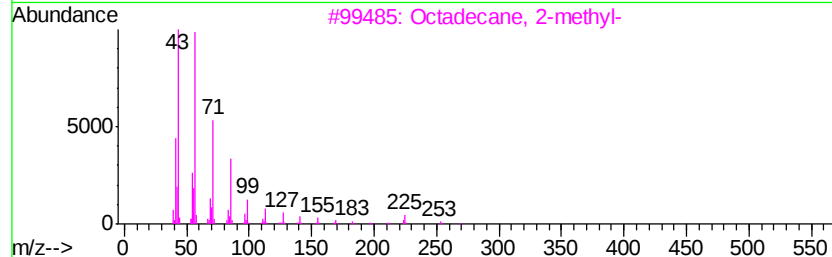
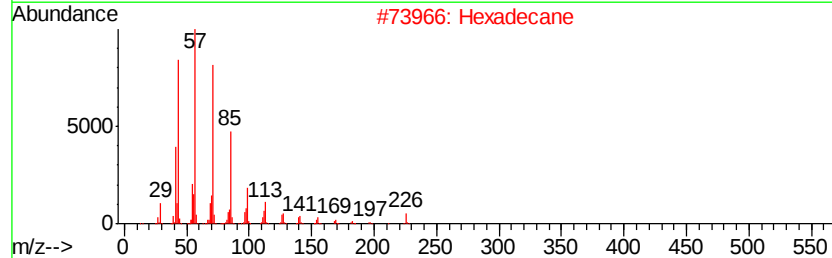
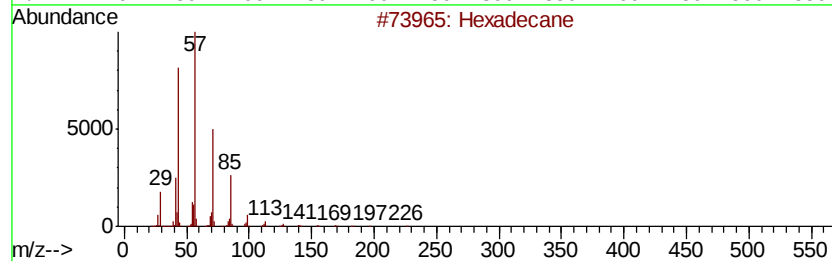
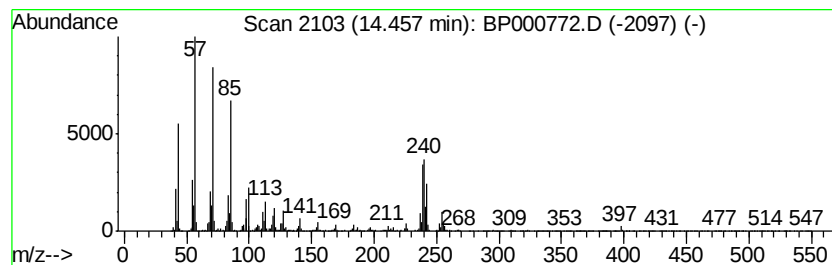
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Quant Title : SVOA CALIBRATION

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.
14.46	2.75 ng/ul	375952	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	92
2		Hexadecane	226	C16H34	000544-76-3	83
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	78
4		Octadecane, 3-methyl-	268	C19H40	006561-44-0	70
5		Hexadecane	226	C16H34	000544-76-3	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000772.D
Acq On : 15 Oct 2019 17:45
Operator : JU
Sample : K5175-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BEPG5

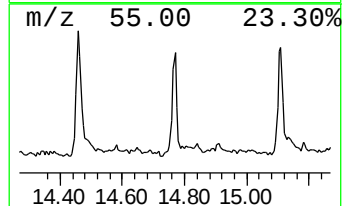
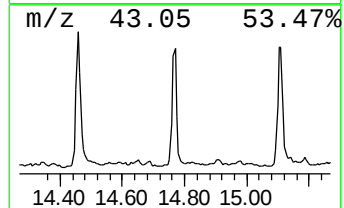
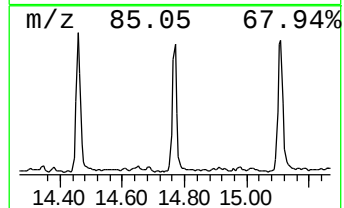
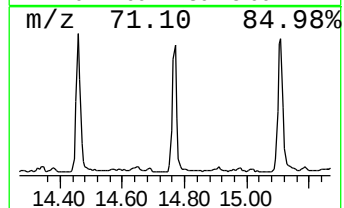
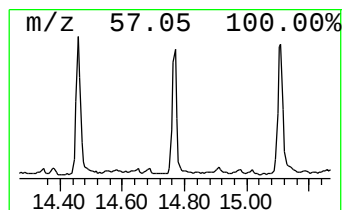
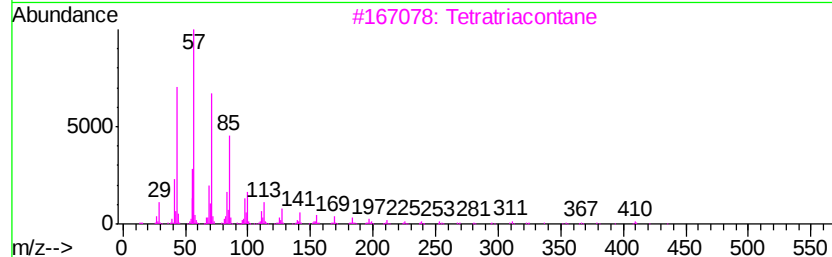
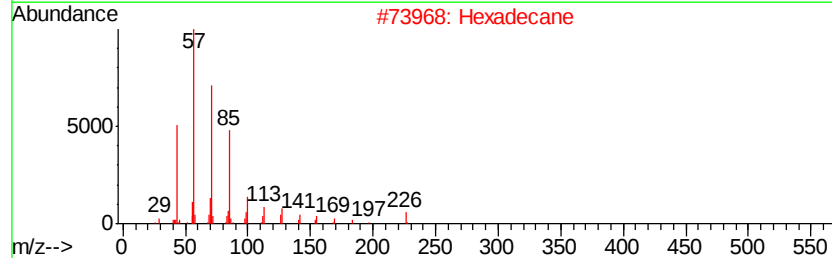
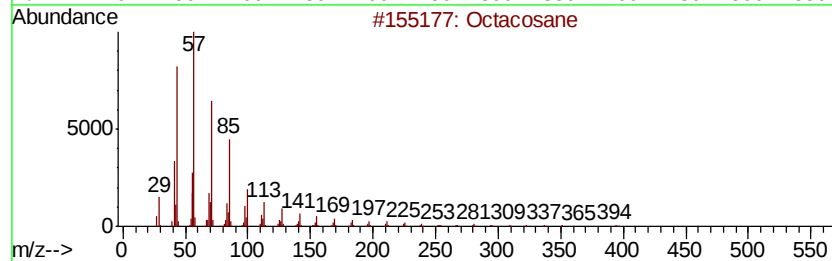
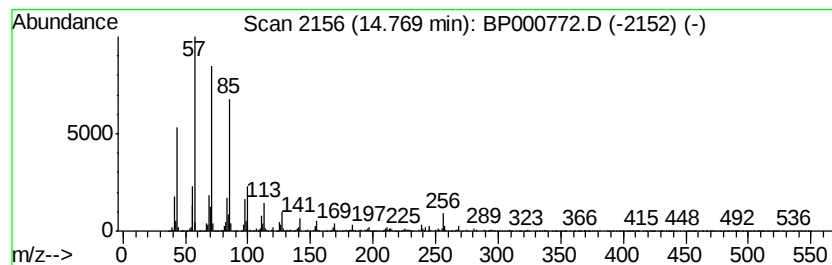
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	2.53 ng/ul	238071	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tetratriacontane	479	C34H70	014167-59-0	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Triacotane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000772.D
Acq On : 15 Oct 2019 17:45
Operator : JU
Sample : K5175-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

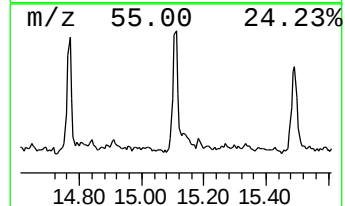
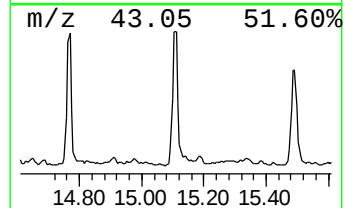
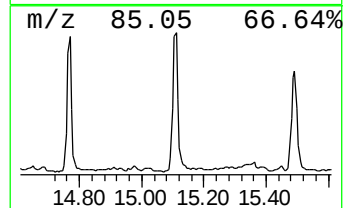
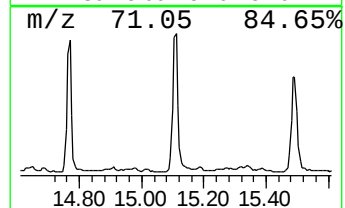
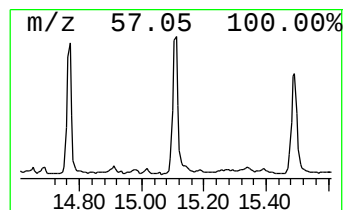
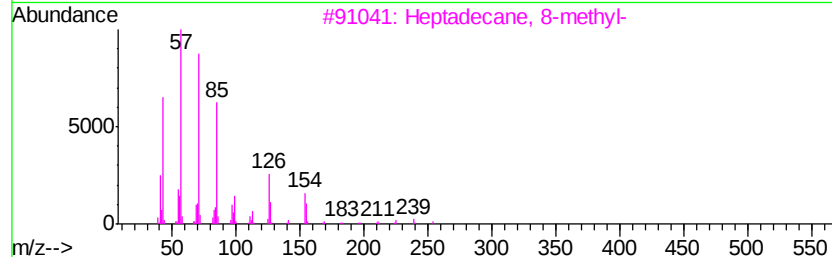
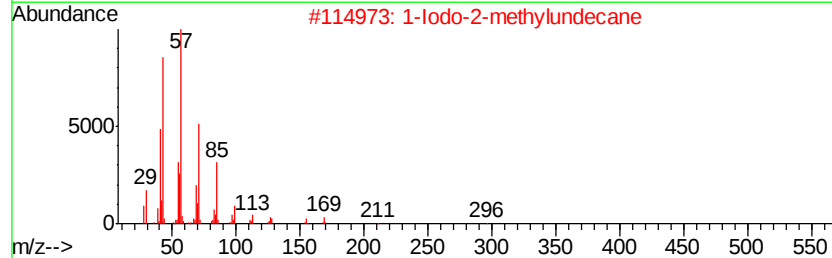
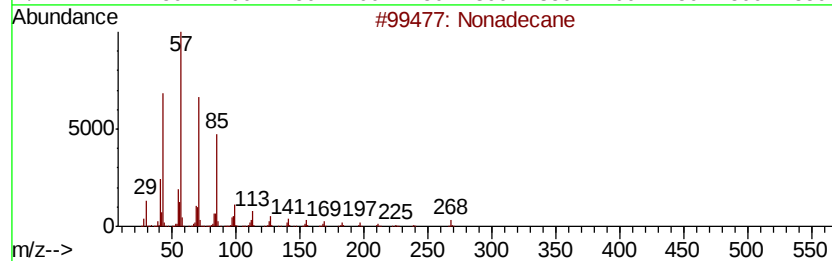
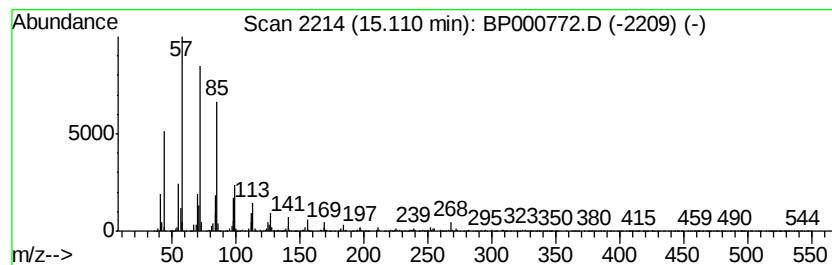
Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.11	3.09 ng/ul	290221	Perylene-d12	15.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101619\
Data File : BP000772.D
Acq On : 15 Oct 2019 17:45
Operator : JU
Sample : K5175-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BEPG5

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
Phenanthrene, 2-m...	11.83	3.5	ng/ul	397213	4	11.30	2245680	20.0
4H-Cyclopenta[def...	11.92	2.7	ng/ul	298152	4	11.30	2245680	20.0
(DEL) Alkane: Cyc...	13.82	5.9	ng/ul	808436	5	13.97	2736100	20.0
(DEL) Alkane: Str...	14.46	2.8	ng/ul	375952	5	13.97	2736100	20.0
(DEL) Alkane: Str...	14.77	2.5	ng/ul	238071	6	15.45	1879300	20.0
(DEL) Alkane: Str...	15.11	3.1	ng/ul	290221	6	15.45	1879300	20.0