LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000204.D
Acq On : 11 Sep 2019 15:31
Operator : HP/JU
Sample : K4634-07
Misc : GCMS CONFIRMATION
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D25

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BP090519MA.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	2.140	6	9	15	rVB	67705	65283	1.81%	0.279%
2	2.211	16	21	31	rVB2	130965	172877	4.80%	0.739%
3	2.328	37	41	43	rBV	25104	31579	0.88%	0.135%
4	2.352	43	45	50	rVV	38492	51052	1.42%	0.218%
5	2.399	50	53	58	rVV2	23167	30981	0.86%	0.132%
6	2.446	58	61	66	rVB	22849	29360	0.81%	0.125%
7	2.593	79	86	92	rVB	363952	497111	13.79%	2.125%
8	3.140	174	179	185	rVB	23762	37975	1.05%	0.162%
9	4.011	321	327	333	rBV	18483	25384	0.70%	0.108%
10	6.893	813	817	820	rBV	1873464	1517756	42.11%	6.486%
11	8.175	1031	1035	1038	rBV	2606456	2041497	56.64%	8.725%
12	9.946	1332	1336	1339	rBV	3022348	2473905	68.63%	10.573%
13	9.975	1339	1341	1348	rVB	24939	23695	0.66%	0.101%
14	10.498	1427	1430	1435	rVB	19720	18230	0.51%	0.078%
15	11.451	1588	1592	1594	rBV	2947125	2724199	75.58%	11.642%
16	11.469	1594	1595	1599	rVB	391745	306931	8.52%	1.312%
17	11.957	1674	1678	1681	rBV	44522	46290	1.28%	0.198%
18	11.987	1681	1683	1688	rVB	65146	58376	1.62%	0.249%
19	12.075	1694	1698	1700	rBV2	59040	64594	1.79%	0.276%
20	12.098	1700	1702	1705	rVB	32102	25737	0.71%	0.110%
21	12.263	1726	1730	1733	rBV	48729	47541	1.32%	0.203%
22	12.416	1751	1756	1758	rBV	20905	23441	0.65%	0.100%
23	12.445	1758	1761	1763	rVV	26640	22898	0.64%	0.098%
24	12.469	1763	1765	1769	rVB	19742	16670	0.46%	0.071%
25	12.522	1771	1774	1777	rBV	42606	43972	1.22%	0.188%
26	12.557	1777	1780	1782	rVV2	23092	27461	0.76%	0.117%
27	12.610	1786	1789	1793	rBV2	17497	22780	0.63%	0.097%
28	12.687	1798	1802	1806	rVV	1013680	983663	27.29%	4.204%
29	12.734	1807	1810	1812	rVV	22220	23094	0.64%	0.099%
30	12.751	1812	1813	1820	rVB4	16388	17216	0.48%	0.074%
31	12.839	1825	1828	1832	rBV	21282	21590	0.60%	0.092%
32	12.916	1835	1841	1845	rBV2	634962	728942	20.22%	3.115%
33	12.969	1847	1850	1856	rVB2	42621	59666	1.66%	0.255%
34	13.040	1858	1862	1867	rBV	72071	77520	2.15%	0.331%

LSC Area Percent Report

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Title : SVOA CALIBRATION

35	13.145	1875	1880	1887	rBV	86685	120371	3.34%	0.514%
36	13.234	1891	1895	1896	rVV2	78080	87315	2.42%	0.373%
37	13.251	1896	1898	1903	rVB2	98324	105205	2.92%	0.450%
38	13.322	1906	1910	1913	rBV2	40241	38790	1.08%	0.166%
39	13.357	1913	1916	1919	rBV	83833	103134	2.86%	0.441%
40	13.387	1919	1921	1924	rVB2	38658	37699	1.05%	0.161%
41	13.422	1924	1927	1930	rVB	31110	32210	0.89%	0.138%
42	13.457	1930	1933	1935	rVB	26887	26024	0.72%	0.111%
43	13.487	1935	1938	1942	rBV3	35365	55244	1.53%	0.236%
44	13.645	1961	1965	1968	rBV5	24849	44255	1.23%	0.189%
45	13.692	1971	1973	1976	rVB2	23145	23921	0.66%	0.102%
46	13.787	1986	1989	1992	rVB5	36336	34462	0.96%	0.147%
47	13.887	2003	2006	2009	rBV	124478	134138	3.72%	0.573%
48	13.916	2009	2011	2013	rVV	103211	103444	2.87%	0.442%
49	13.939	2013	2015	2018	rVV	73716	76675	2.13%	0.328%
50	13.969	2018	2020	2024	rVB2	27868	27336	0.76%	0.117%
51	14.028	2027	2030	2033	rBV3	26032	31944	0.89%	0.137%
52	14.063	2033	2036	2039	rBV	26096	27636	0.77%	0.118%
53	14.151	2043	2051	2053	rBV2	2790623	3604478	100.00%	15.404%
54	14.175	2053	2055	2063	rVB	721367	784959	21.78%	3.355%
55	14.239	2063	2066	2069	rVB3	28348	32051	0.89%	0.137%
56	14.281	2071	2073	2075	rBV3	19556	20659	0.57%	0.088%
57	14.457	2099	2103	2108	rBV3	120602	150722	4.18%	0.644%
58	14.504	2108	2111	2114	rVV2	132855	148587	4.12%	0.635%
59	14.545	2114	2118	2121	rVV	108313	157970	4.38%	0.675%
60	14.581	2121	2124	2128	rVB	86266	91914	2.55%	0.393%
61	14.675	2137	2140	2143	rBV2	52265	59979	1.66%	0.256%
62	14.757	2151	2154	2157	rVB	28253	30232	0.84%	0.129%
63	14.898	2174	2178	2183	rBV6	95616	138182	3.83%	0.591%
64	15.204	2226	2230	2232	rBV3	153190	191677	5.32%	0.819%
65	15.239	2232	2236	2247	rVB	564738	1180856	32.76%	5.047%
66	15.563	2286	2291	2299	rVB	222164	379848	10.54%	1.623%
67	15.698	2308	2314	2323	rBV	1704801	2859555	79.33%	12.221%
68	16.445	2437	2441	2447	rBV6	52791	98185	2.72%	0.420%

Sum of corrected areas: 23398923

LSC Report - Integrated Chromatogram

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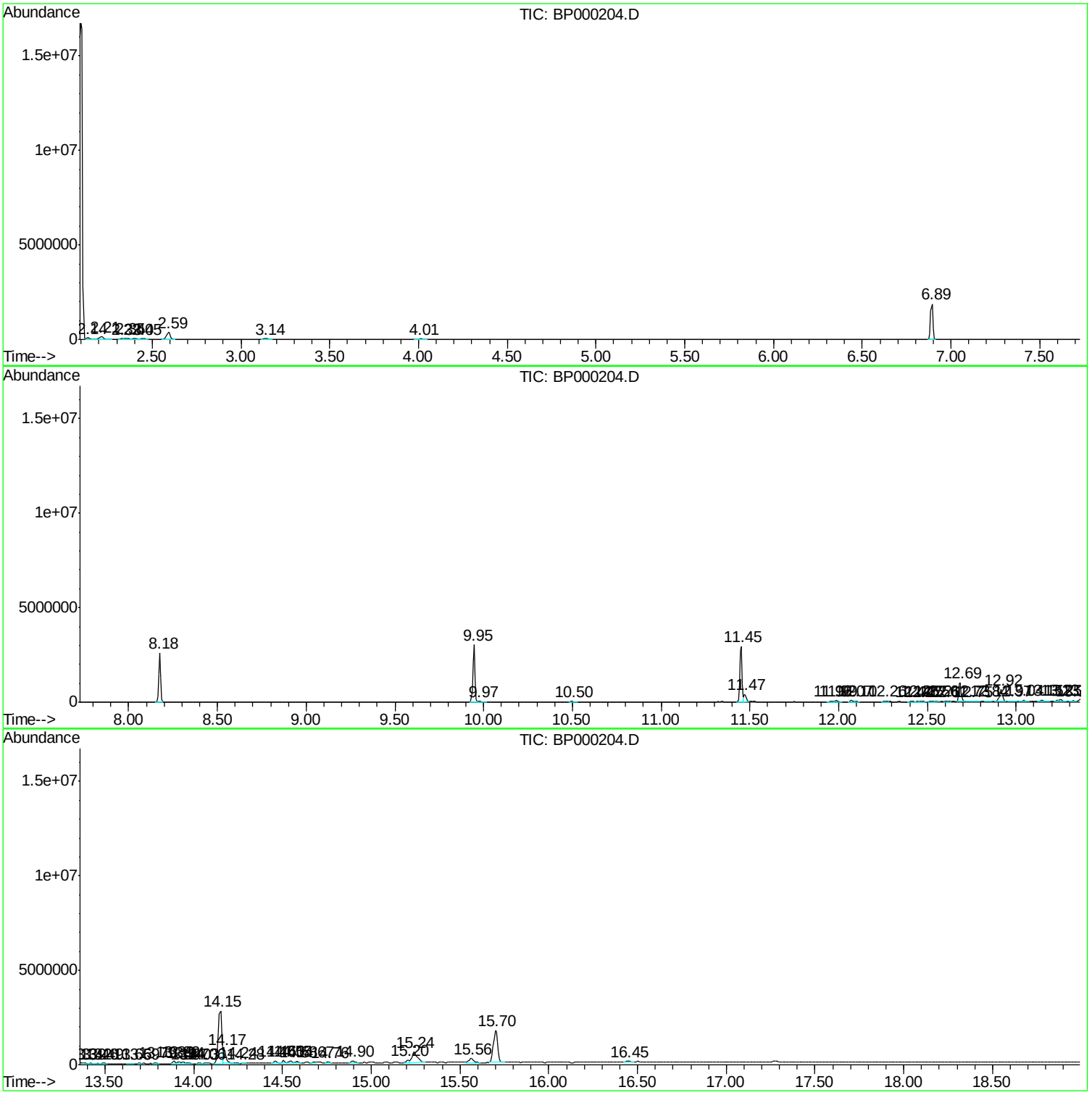
Sample : K4634-07
Misc : GCMS CONFIRMATION
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

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



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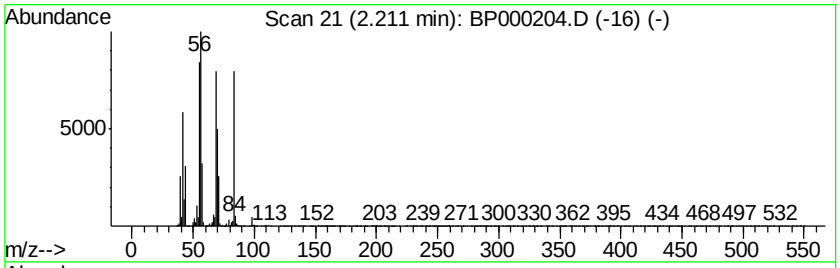
Quant Title : SVOA CALIBRATION

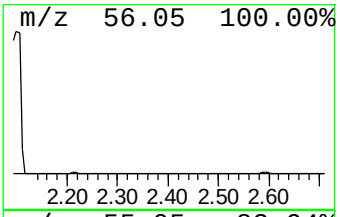
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

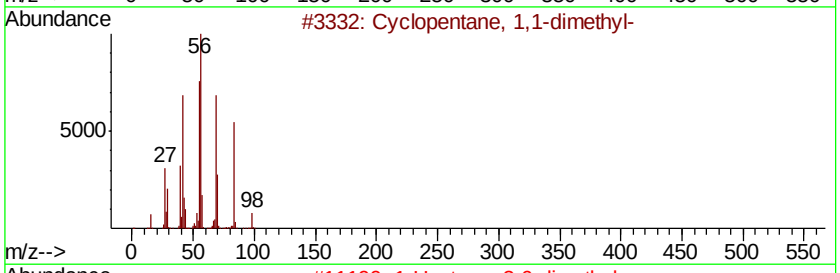
****
Peak Number 1 (DEL) Alkane: Cyclic2.21 Concentration Rank 3

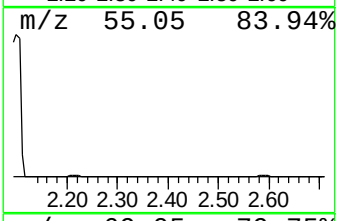
R.T.	EstConc	Area	Relative to ISTD	R.T.
2.21	2.28 ng/ul	172877	1,4-Dichlorobenzene-d4	6.89

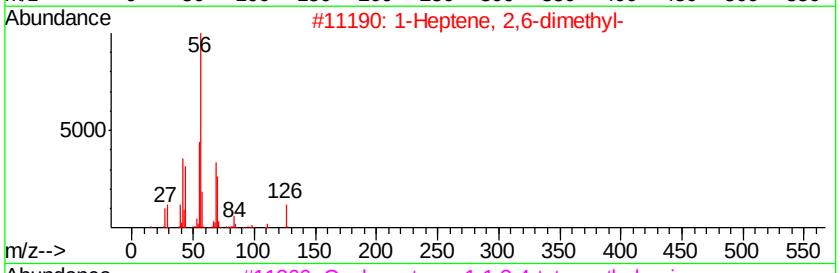
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	72
2	1-Heptene, 2,6-dimethyl-	126	C9H18	003074-78-0	50
3	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	053907-60-1	50
4	3-Heptene	98	C7H14	000592-78-9	50
5	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	43

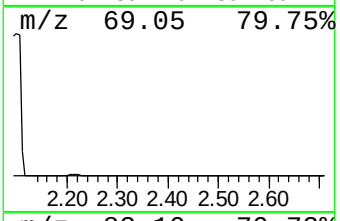


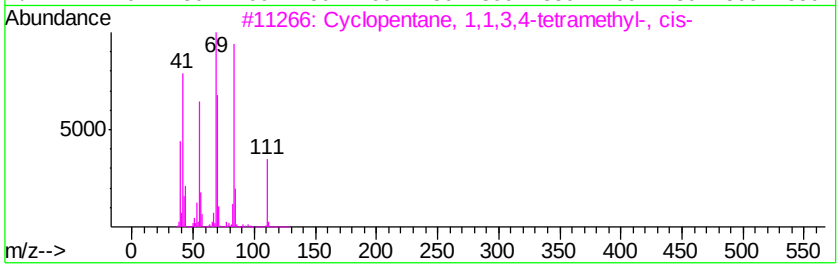


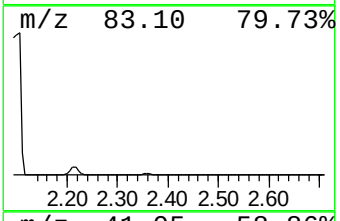


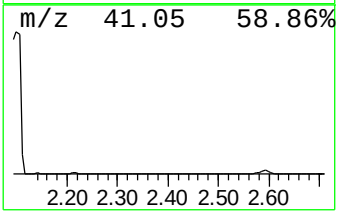












Library Search Compound Report

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Instrument : BNA_P
ClientSampleId : F2D25

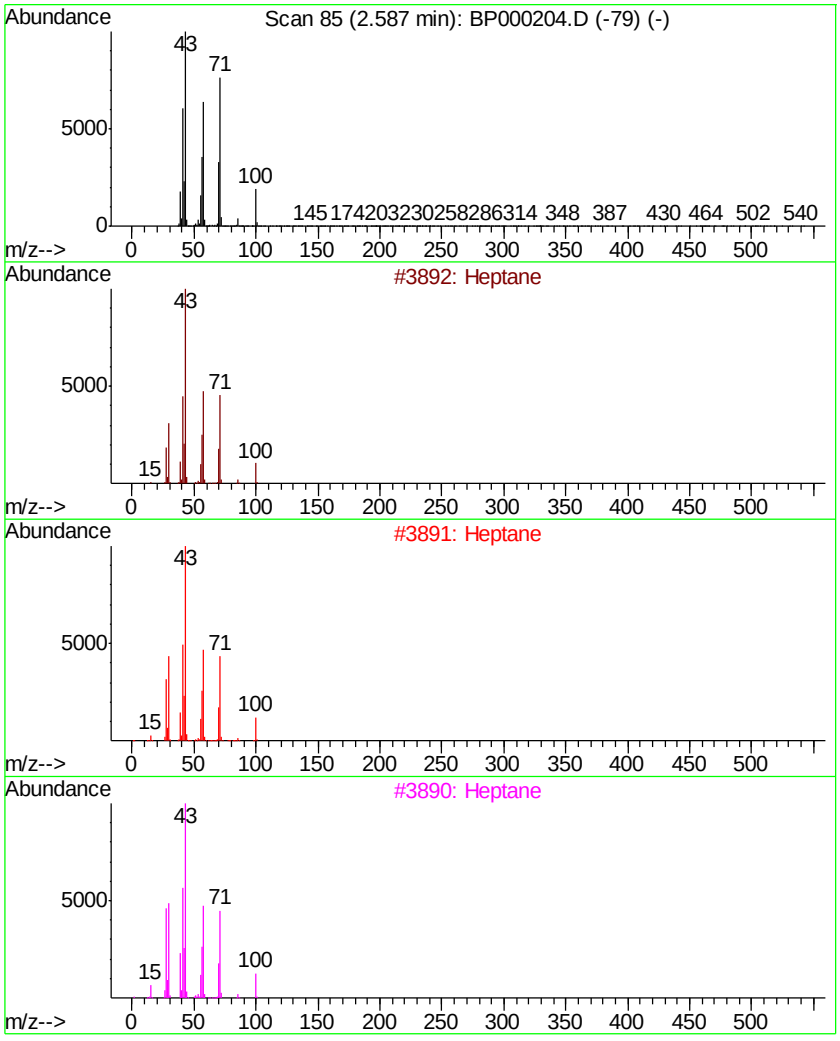
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

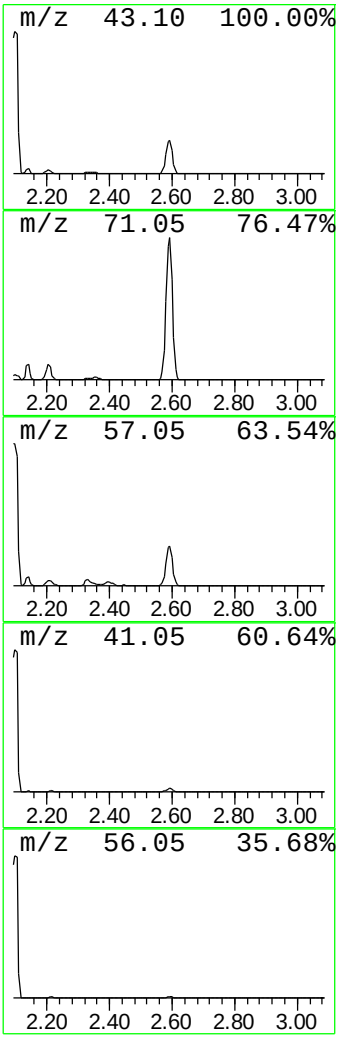
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.59	6.55 ng/ul	497111	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	80
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	53





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Quant Title : SVOA CALIBRATION

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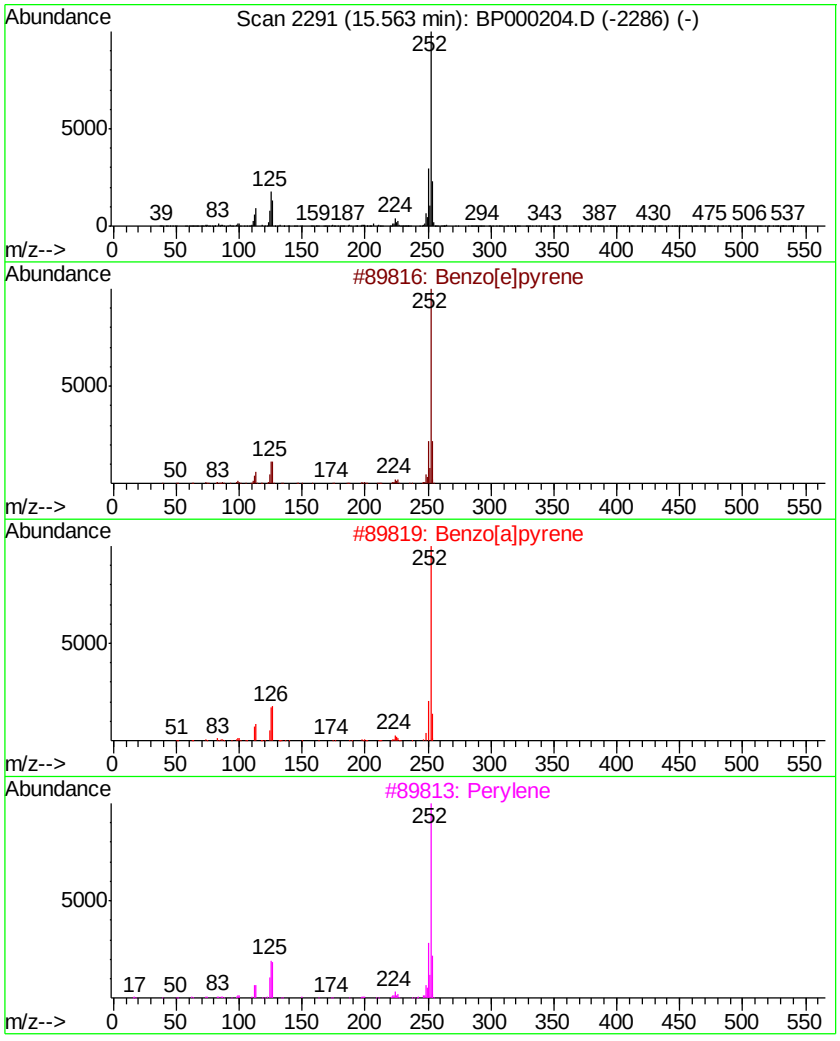
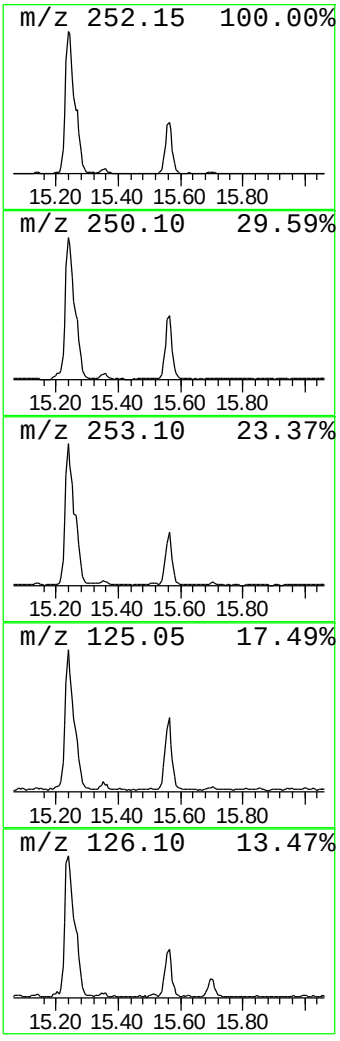
****

Peak Number 3 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	2.66 ng/ul	379848	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	2.21	2.3	ng/ul	172877	1	6.89	1517760	20.0
(DEL) Alkane: Str...	2.59	6.5	ng/ul	497111	1	6.89	1517760	20.0
Benzo[e]pyrene	15.56	2.7	ng/ul	379848	6	15.70	2859560	20.0