LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000202.D
Acq On : 11 Sep 2019 14:42
Operator : HP/JU
Sample : K4633-21
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D20

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	17	rVB	75666	71884	2.11%	0.322%
2	2.211	17	21	26	rVB2	127298	170634	5.01%	0.765%
3	2.328	37	41	51	rBV2	195336	352535	10.34%	1.581%
4	2.405	51	54	58	rVV2	18894	23676	0.69%	0.106%
5	2.446	58	61	71	rVB	24125	34317	1.01%	0.154%
6	2.593	80	86	92	rBV	376451	507926	14.90%	2.279%
7	3.140	173	179	186	rVB	29531	48404	1.42%	0.217%
8	4.011	321	327	334	rVB2	17074	25841	0.76%	0.116%
9	6.893	813	817	820	rBV	2097608	1647118	48.33%	7.389%
10	8.175	1031	1035	1038	rBV	2781501	2230588	65.45%	10.006%
11	9.946	1332	1336	1339	rBV	3441918	2773561	81.38%	12.442%
12	10.151	1367	1371	1374	rVB	29229	24802	0.73%	0.111%
13	10.498	1427	1430	1437	rVB	37573	34303	1.01%	0.154%
14	11.345	1572	1574	1581	rVB	27966	24932	0.73%	0.112%
15	11.451	1588	1592	1594	rBV	3417678	3039751	89.19%	13.636%
16	11.475	1594	1596	1599	rVB	713651	564608	16.57%	2.533%
17	11.963	1675	1679	1681	rBV	51215	51985	1.53%	0.233%
18	11.987	1681	1683	1688	rVB	78156	68690	2.02%	0.308%
19	12.075	1694	1698	1700	rBV2	61005	65919	1.93%	0.296%
20	12.098	1700	1702	1706	rVB	34191	29428	0.86%	0.132%
21	12.263	1727	1730	1733	rBV	54344	50186	1.47%	0.225%
22	12.522	1771	1774	1777	rBV	27058	28809	0.85%	0.129%
23	12.687	1798	1802	1807	rBV	1085716	1012058	29.70%	4.540%
24	12.904	1835	1839	1844	rBV3	105313	182302	5.35%	0.818%
25	12.969	1847	1850	1857	rVB2	28358	36144	1.06%	0.162%
26	13.039	1859	1862	1867	rBV	32714	34371	1.01%	0.154%
27	13.145	1876	1880	1888	rBV2	41417	57842	1.70%	0.259%
28	13.234	1891	1895	1896	rVV3	31636	37693	1.11%	0.169%
29	13.251	1896	1898	1904	rVB	60432	64335	1.89%	0.289%
30	13.322	1907	1910	1913	rBV	35249	35041	1.03%	0.157%
31	13.357	1913	1916	1918	rBV	27359	29364	0.86%	0.132%
32	13.387	1918	1921	1924	rVB	30749	33419	0.98%	0.150%
33	13.563	1949	1951	1958	rBV7	13330	19420	0.57%	0.087%
34	13.722	1975	1978	1981	rVB4	19603	19999	0.59%	0.090%

LSC Area Percent Report

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Acq On : 11 Sep 2019 14:42
Operator : HP/JU
Sample : K4633-21
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D20

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

35	13.786	1985	1989	1992	rVB	121243	131332	3.85%	0.589%
36	13.828	1993	1996	2000	rVB5	25892	28196	0.83%	0.126%
37	13.886	2003	2006	2009	rBV	84000	95202	2.79%	0.427%
38	13.916	2009	2011	2014	rVV	71700	81241	2.38%	0.364%
39	13.975	2018	2021	2024	rVV2	41557	43126	1.27%	0.193%
40	14.028	2026	2030	2033	rVB2	73873	78842	2.31%	0.354%
41	14.092	2038	2041	2044	rBV3	27848	25824	0.76%	0.116%
42	14.151	2044	2051	2054	rBV	2692892	3408148	100.00%	15.289%
43	14.286	2070	2074	2078	rBV6	37263	51375	1.51%	0.230%
44	14.457	2099	2103	2107	rVB	391324	413752	12.14%	1.856%
45	14.504	2107	2111	2115	rBV	401840	432201	12.68%	1.939%
46	14.675	2137	2140	2143	rBV4	34264	45332	1.33%	0.203%
47	14.710	2143	2146	2149	rVV4	85576	91261	2.68%	0.409%
48	14.781	2156	2158	2164	rVB5	37418	41081	1.21%	0.184%
49	14.898	2173	2178	2187	rBV2	216765	314821	9.24%	1.412%
50	15.204	2225	2230	2234	rBV3	426784	596146	17.49%	2.674%
51	15.698	2307	2314	2324	rVB	1830059	2981908	87.49%	13.377%

Sum of corrected areas: 22291673

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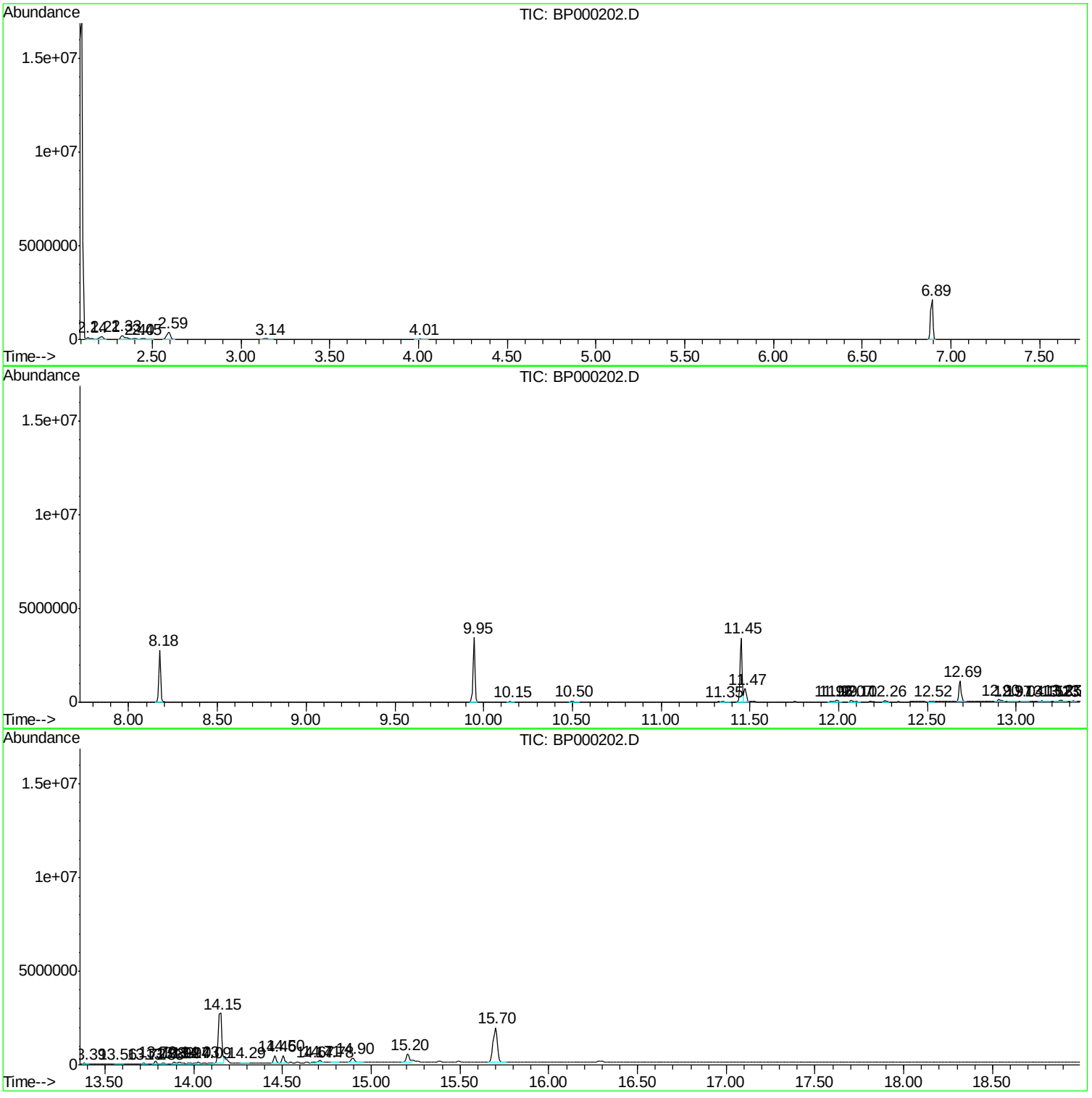
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F2D20

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000202.D
Acq On : 11 Sep 2019 14:42
Operator : HP/JU
Sample : K4633-21
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D20

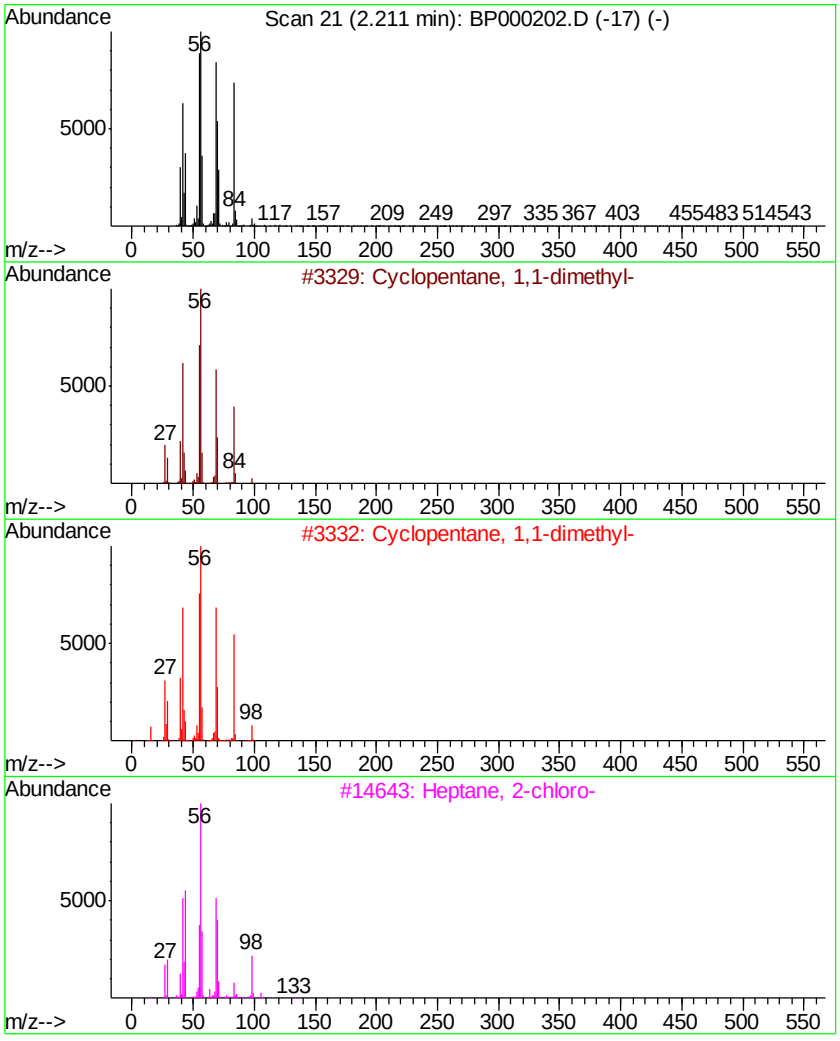
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

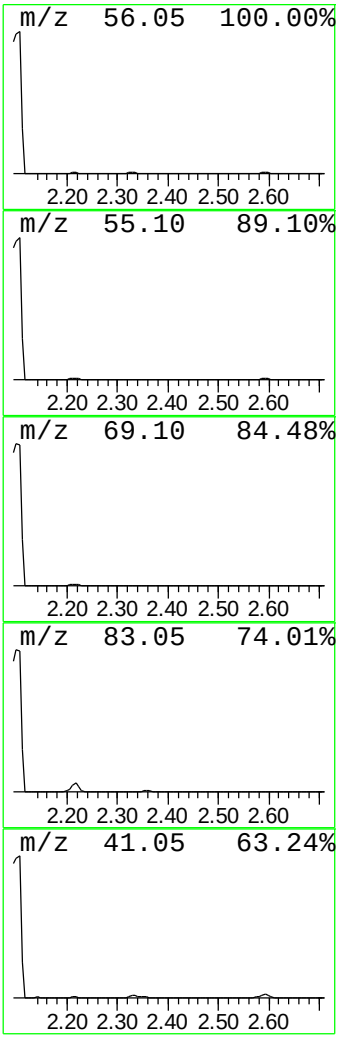
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic2.21 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.21	2.07 ng/ul	170634	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	76
2	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	72
3	Heptane, 2-chloro-	134	C7H15Cl	001001-89-4	50
4	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	47
5	2-Ethylthiolane, S,S-dioxide	148	C6H12O2S	010178-59-3	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000202.D
Acq On : 11 Sep 2019 14:42
Operator : HP/JU
Sample : K4633-21
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D20

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

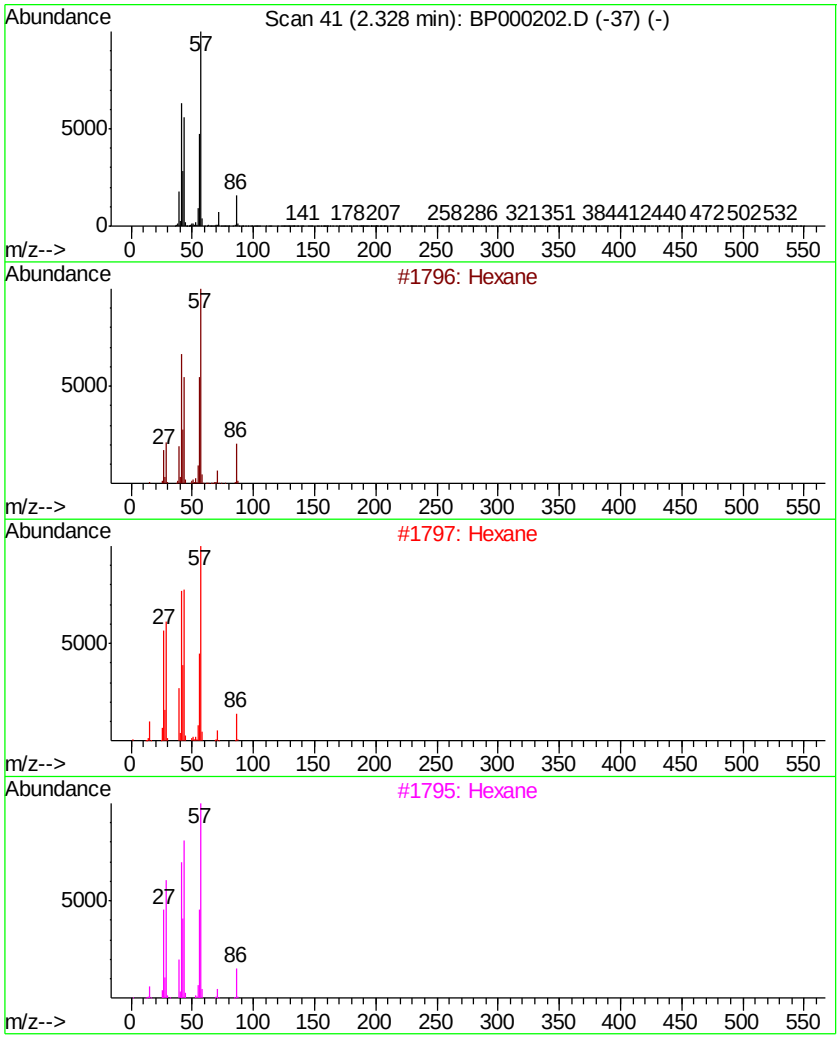
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

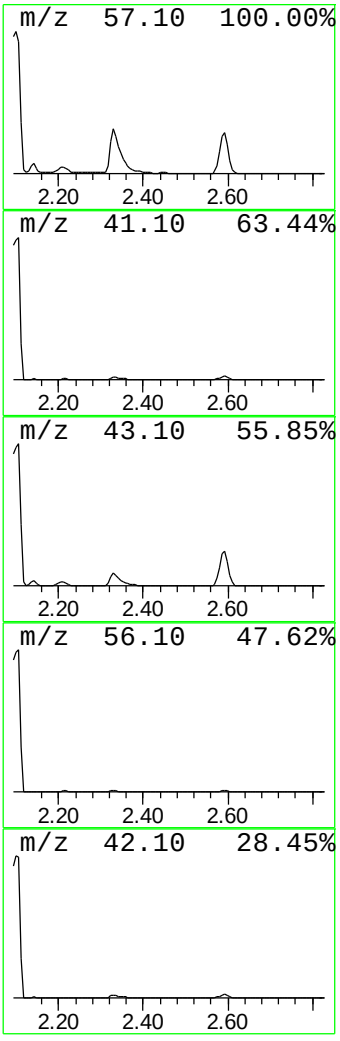
****

Peak Number 2 Hexane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.33	4.28 ng/ul	352535	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane	86	C6H14	000110-54-3	94
2	Hexane	86	C6H14	000110-54-3	83
3	Hexane	86	C6H14	000110-54-3	72
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	40
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000202.D
Acq On : 11 Sep 2019 14:42
Operator : HP/JU
Sample : K4633-21
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D20

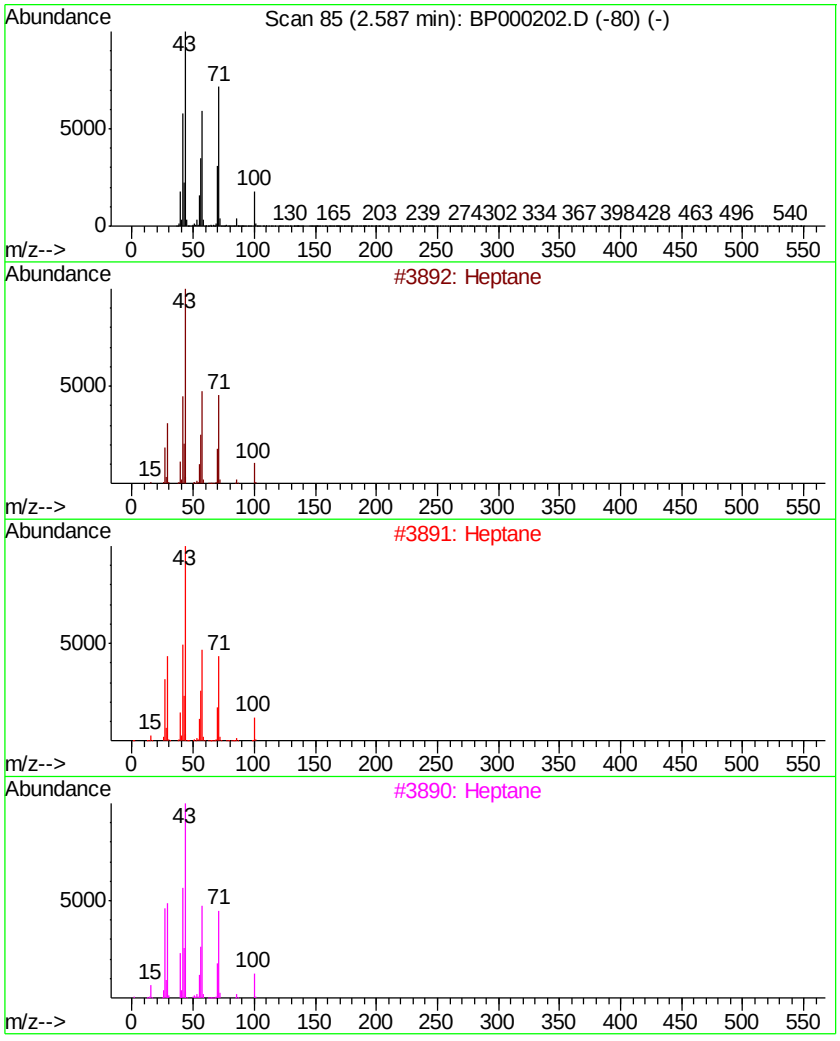
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

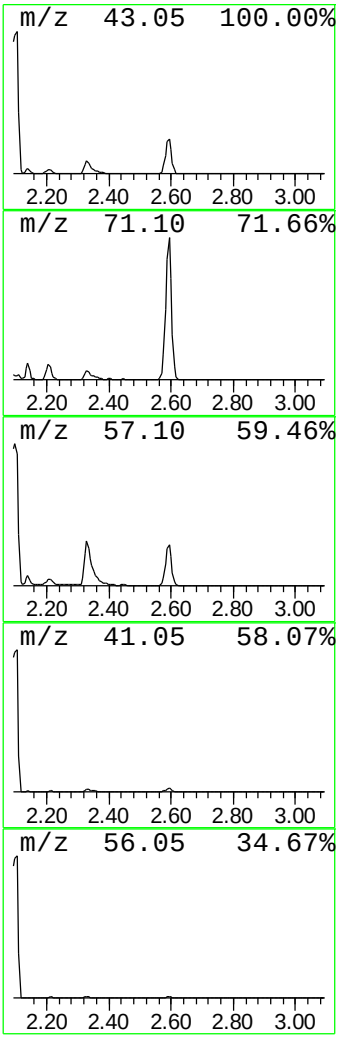
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.59	6.17 ng/ul	507926	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	95
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	91
5	Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	58





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Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D20

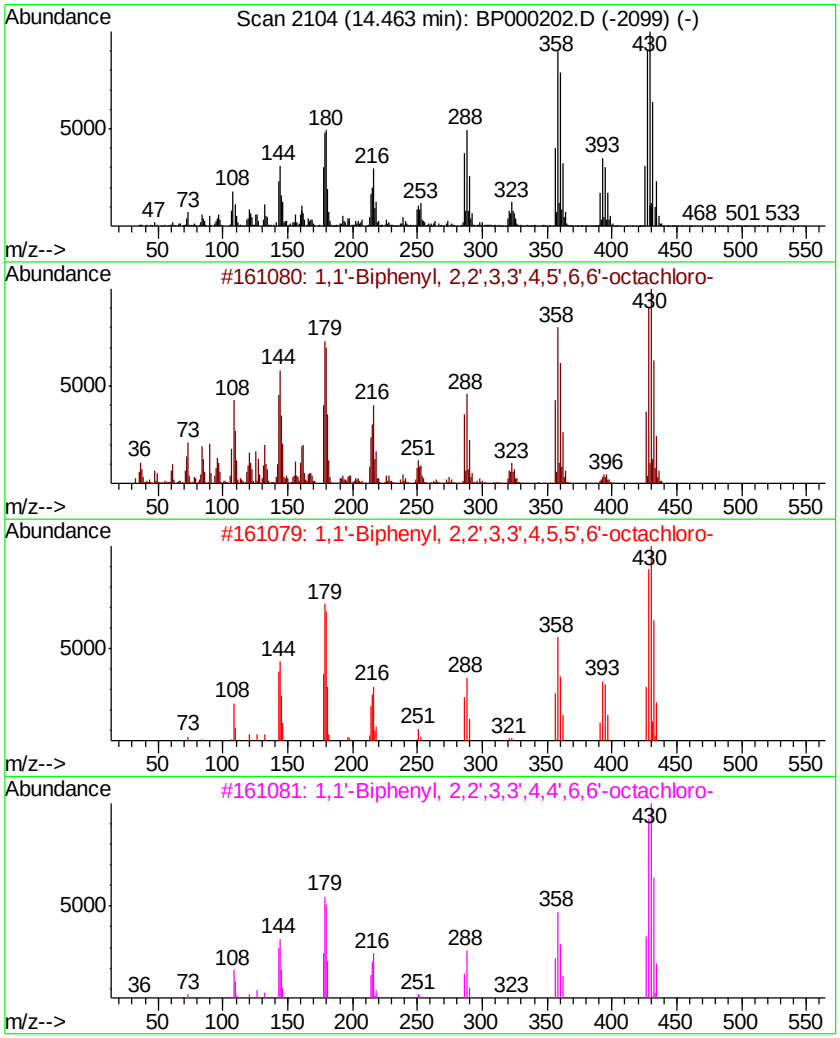
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

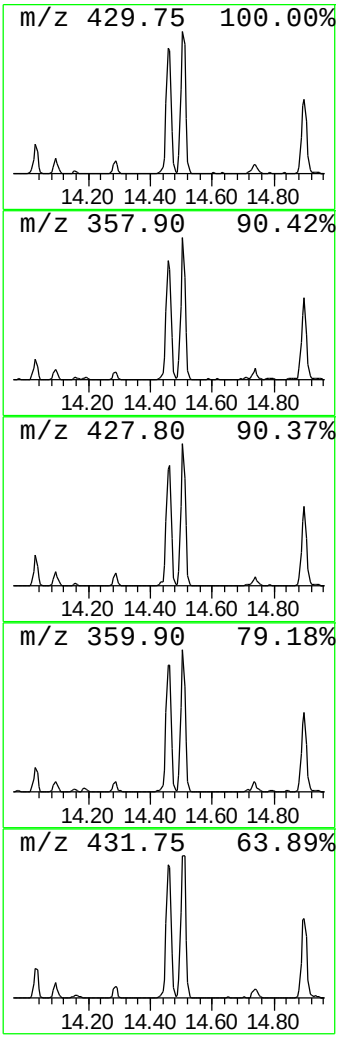
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	2.43 ng/ul	413752	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5',6,...	426	C12H2Cl8	040186-71-8	99
2	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	052663-75-9	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',6,...	426	C12H2Cl8	033091-17-7	99
4	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	042740-50-1	99
5	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	068194-17-2	99





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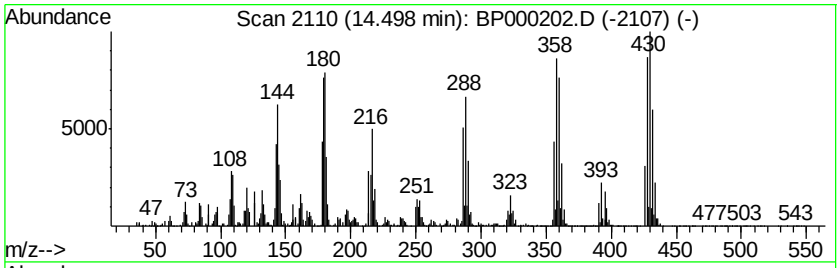
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

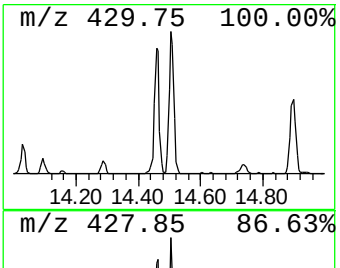
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	2.54 ng/ul	432201	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',6,...	426	C12H2Cl8	033091-17-7	99
2	1,1'-Biphenyl, 2,2',3,3',4,5,6,6...	426	C12H2Cl8	052663-73-7	99
3	1,1'-Biphenyl, 2,2',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	99
4	1,1'-Biphenyl, 2,2',3,3',4,5',6,...	426	C12H2Cl8	040186-71-8	99
5	1,1'-Biphenyl, 2,2',3,3',5,5',6,...	426	C12H2Cl8	002136-99-4	99





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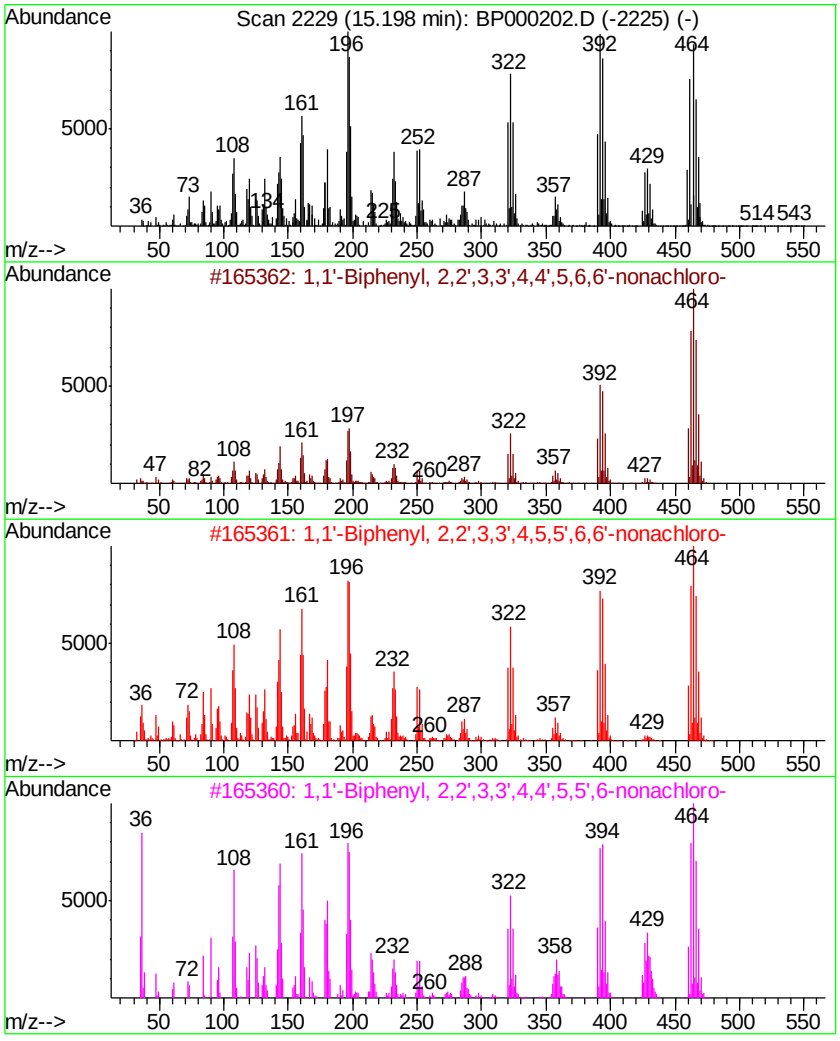
Quant Title : SVOA CALIBRATION

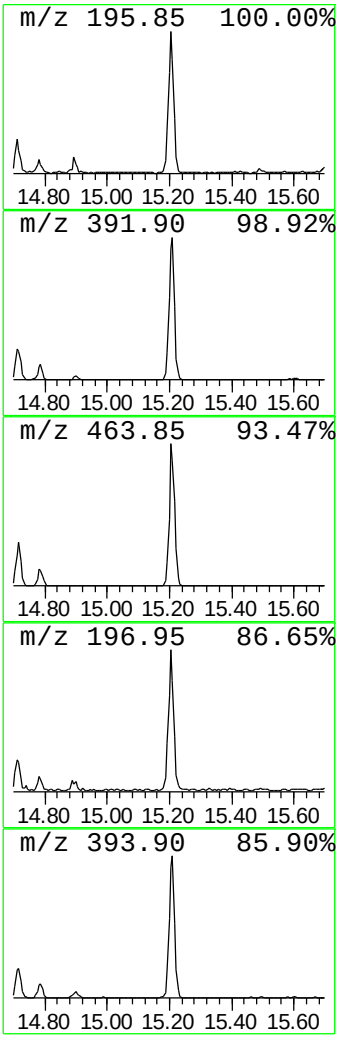
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	4.00 ng/ul	596146	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	460	C12HCl9	052663-79-3	99
2	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	460	C12HCl9	052663-77-1	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	460	C12HCl9	040186-72-9	74
4	Benzene, 1,2,4,5-tetrabromo-	390	C6H2Br4	000636-28-2	11
5	1,2,3,4-Tetrachloro-5-(2,3-diphe...	390	C20H10Cl4	003289-99-4	11





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	2.1	ng/ul	170634	1	6.89	1647120	20.0
Hexane	2.33	4.3	ng/ul	352535	1	6.89	1647120	20.0
(DEL) Alkane: Str...	2.59	6.2	ng/ul	507926	1	6.89	1647120	20.0
1,1'-Biphenyl, 2,...	14.46	2.4	ng/ul	413752	5	14.15	3408150	20.0
1,1'-Biphenyl, 2,...	14.50	2.5	ng/ul	432201	5	14.15	3408150	20.0
1,1'-Biphenyl, 2,...	15.20	4.0	ng/ul	596146	6	15.70	2981910	20.0