LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021225\
Data File : BP024052.D
Acq On : 12 Feb 2025 16:23
Operator : RC/JU
Sample : PB165816BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SBLK816

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\SFAM-EPA-BP012925.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP024052.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.128	3	7	9	rBV	728146	773909	15.41%	2.401%
2	3.152	9	11	13	rVV	425717	426807	8.50%	1.324%
3	3.175	13	15	18	rVV	673987	691475	13.77%	2.146%
4	3.217	18	22	26	rVB	3807999	4051679	80.69%	12.572%
5	3.552	75	79	84	rVB	39016	48861	0.97%	0.152%
6	4.017	154	158	163	rVB	29741	37143	0.74%	0.115%
7	4.146	177	180	186	rVB	13163	16629	0.33%	0.052%
8	4.205	186	190	194	rBV	14195	18420	0.37%	0.057%
9	4.305	203	207	210	rBV4	8190	10416	0.21%	0.032%
10	4.340	210	213	219	rVB	9958	13564	0.27%	0.042%
11	4.816	290	294	299	rVB8	2983	5728	0.11%	0.018%
12	4.922	307	312	319	rBV	52912	77594	1.55%	0.241%
13	6.416	563	566	570	rBV6	3619	5068	0.10%	0.016%
14	6.558	586	590	594	rBV6	4022	7031	0.14%	0.022%
15	7.757	786	794	804	rBV	1968638	3045158	60.65%	9.449%
16	10.534	1255	1266	1280	rBV	2347372	3976561	79.20%	12.339%
17	14.375	1912	1919	1930	rBV	3002627	4748759	94.58%	14.735%
18	15.663	2133	2138	2144	rVB7	3649	9361	0.19%	0.029%
19	15.957	2186	2188	2195	rVB7	5843	7621	0.15%	0.024%
20	16.833	2334	2337	2338	rBV3	6253	5880	0.12%	0.018%
21	16.957	2354	2358	2364	rVB	12739	18482	0.37%	0.057%
22	17.181	2389	2396	2408	rBV	3505597	5020985	100.00%	15.579%
23	17.269	2409	2411	2417	rVB2	14527	25662	0.51%	0.080%
24	21.616	3144	3150	3159	rBV2	3039592	4731809	94.24%	14.682%
25	24.962	3712	3719	3736	rVB	1649444	4453837	88.70%	13.820%

Sum of corrected areas: 32228439

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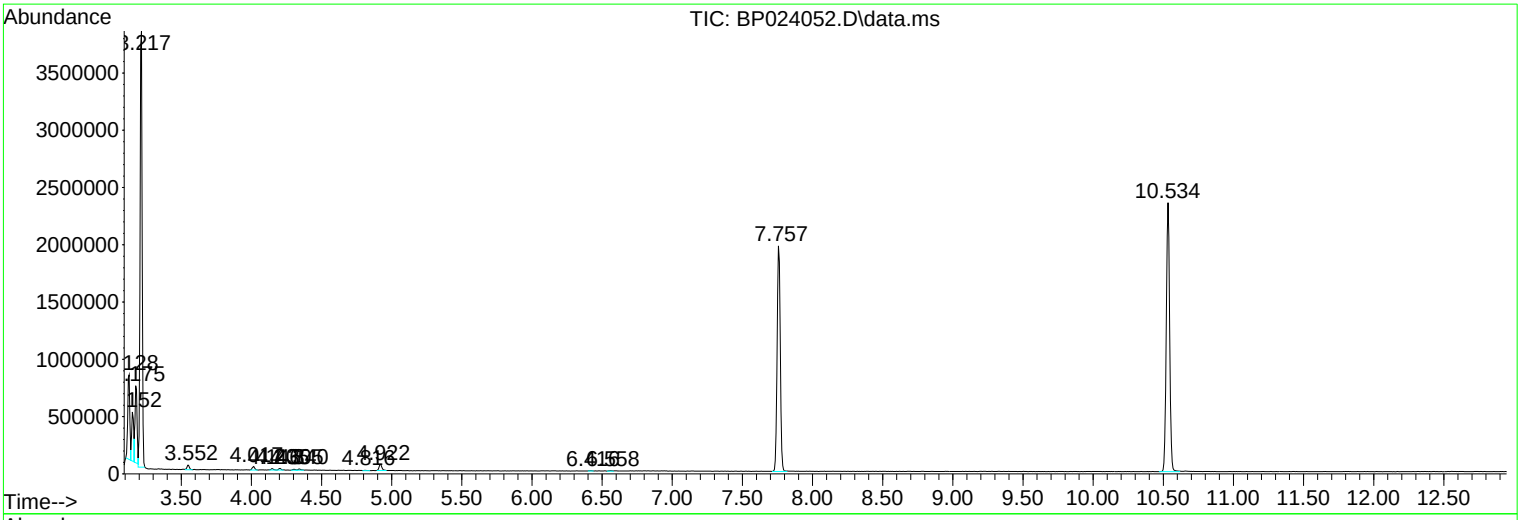
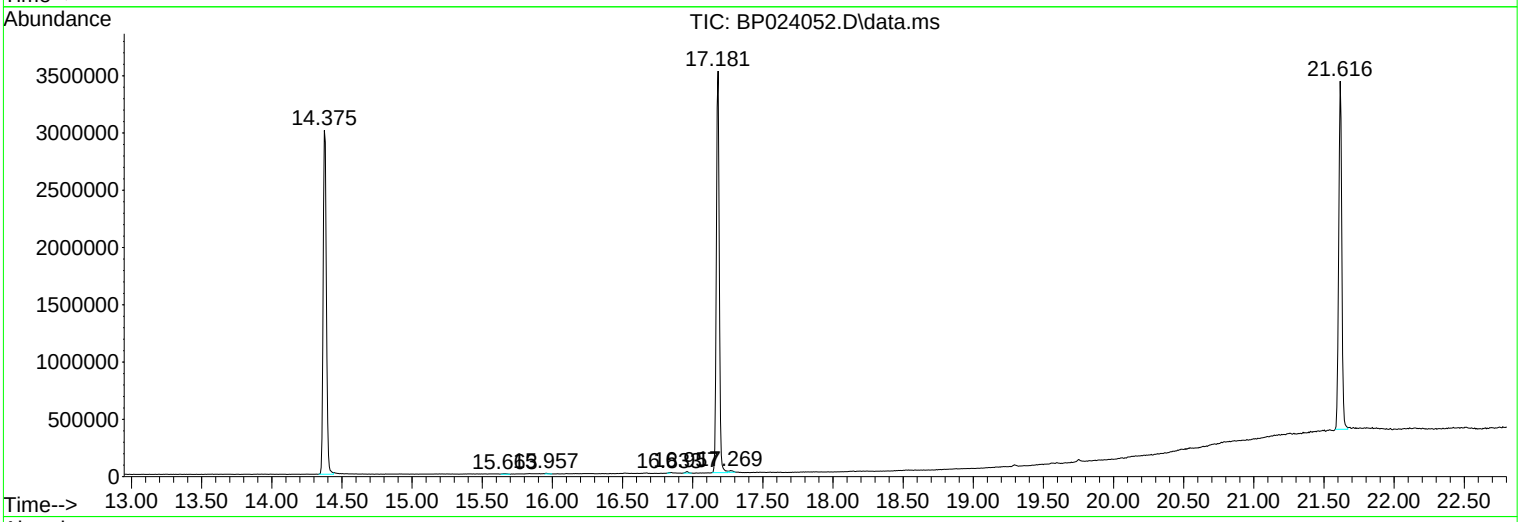
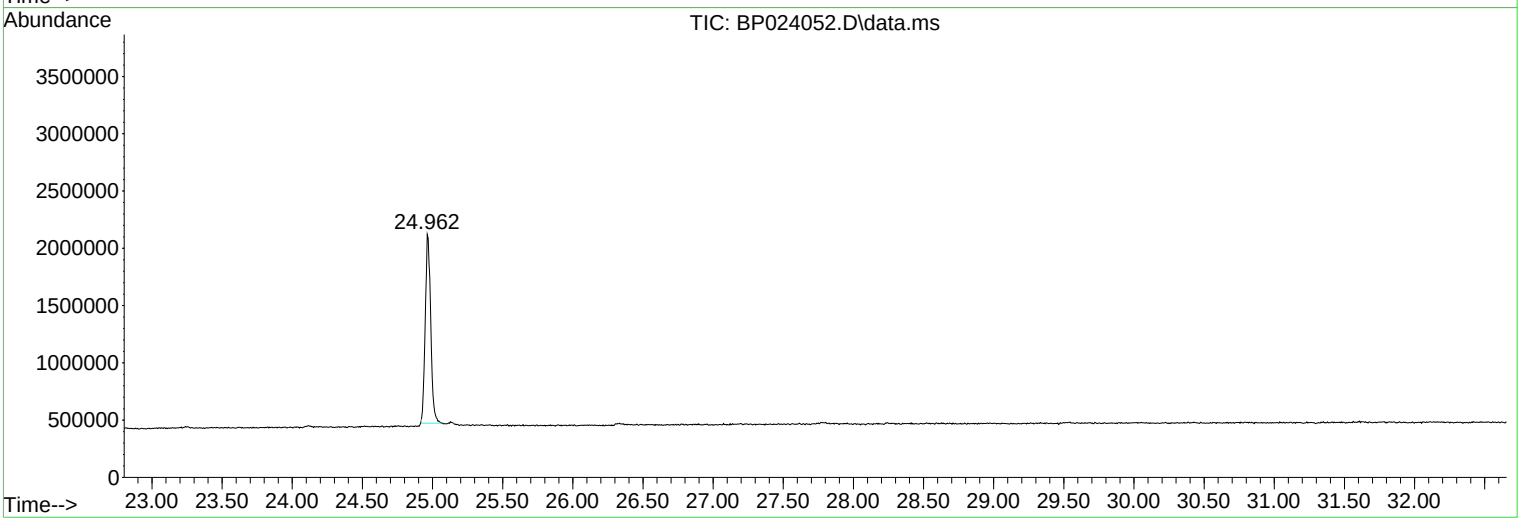
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P







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ClientSampleId :
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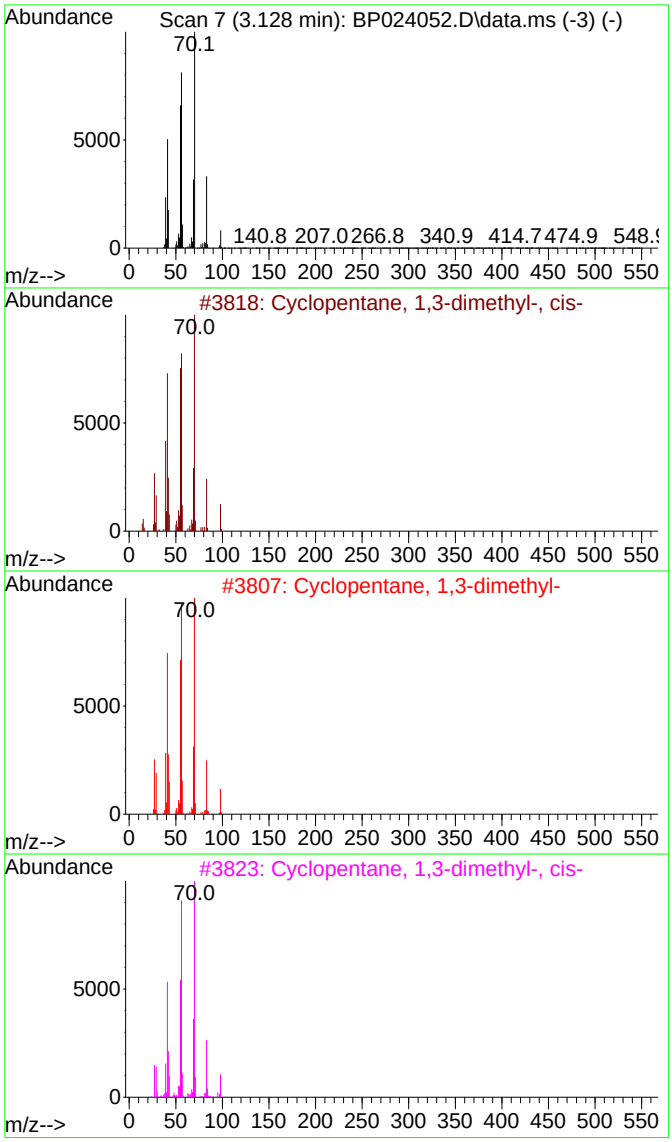
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

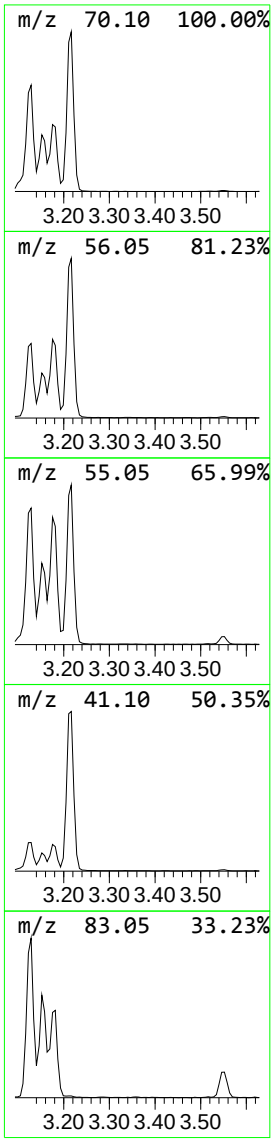
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.128 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.128	5.08 ng/ul	773909	1,4-Dichlorobenzene-d4	7.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	83
4	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	72
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	64





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SBLK816

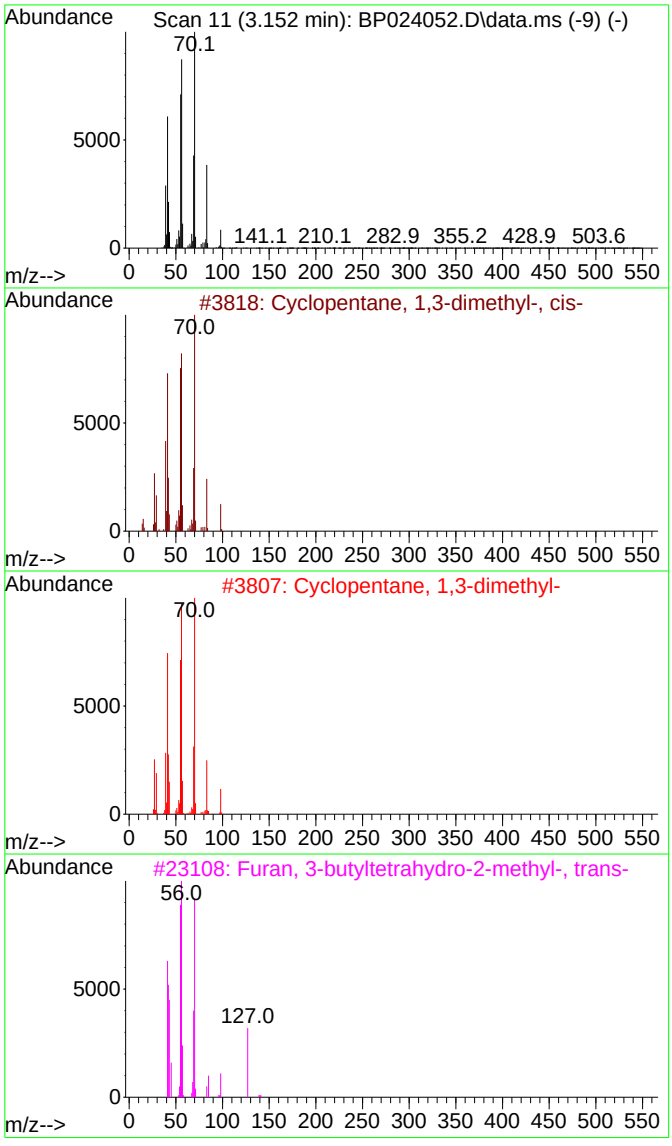
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

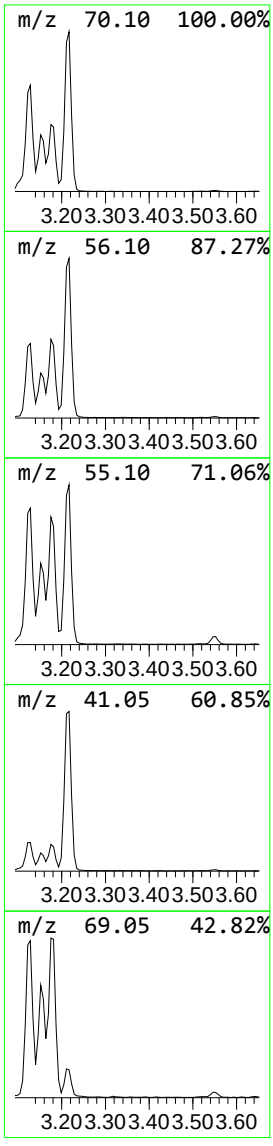
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic3.152 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.152	2.80 ng/ul	426807	1,4-Dichlorobenzene-d4	7.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	87
3	Furan, 3-butyltetrahydro-2-methy...	142	C9H18O	036712-20-6	64
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	64
5	1-Heptanol	116	C7H16O	000111-70-6	64





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Operator : RC/JU
Sample : PB165816BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SBLK816

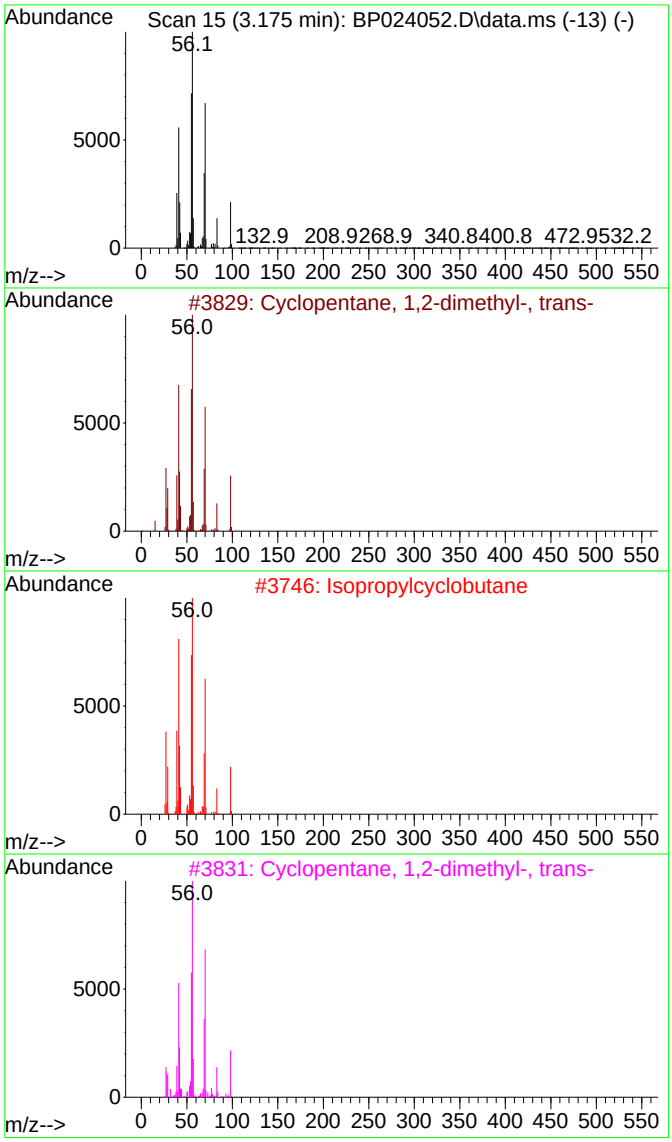
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

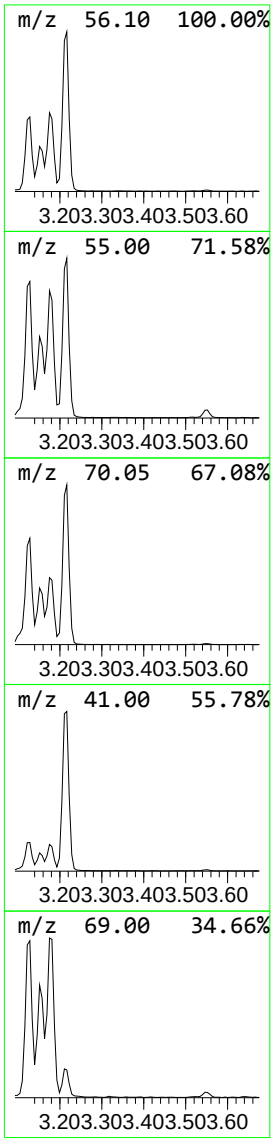
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic3.175 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.175	4.54 ng/ul	691475	1,4-Dichlorobenzene-d4	7.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	94
2	Isopropylcyclobutane	98	C7H14	000872-56-0	94
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
4	1-Heptene	98	C7H14	000592-76-7	64
5	3-Heptene	98	C7H14	000592-78-9	58





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SBLK816

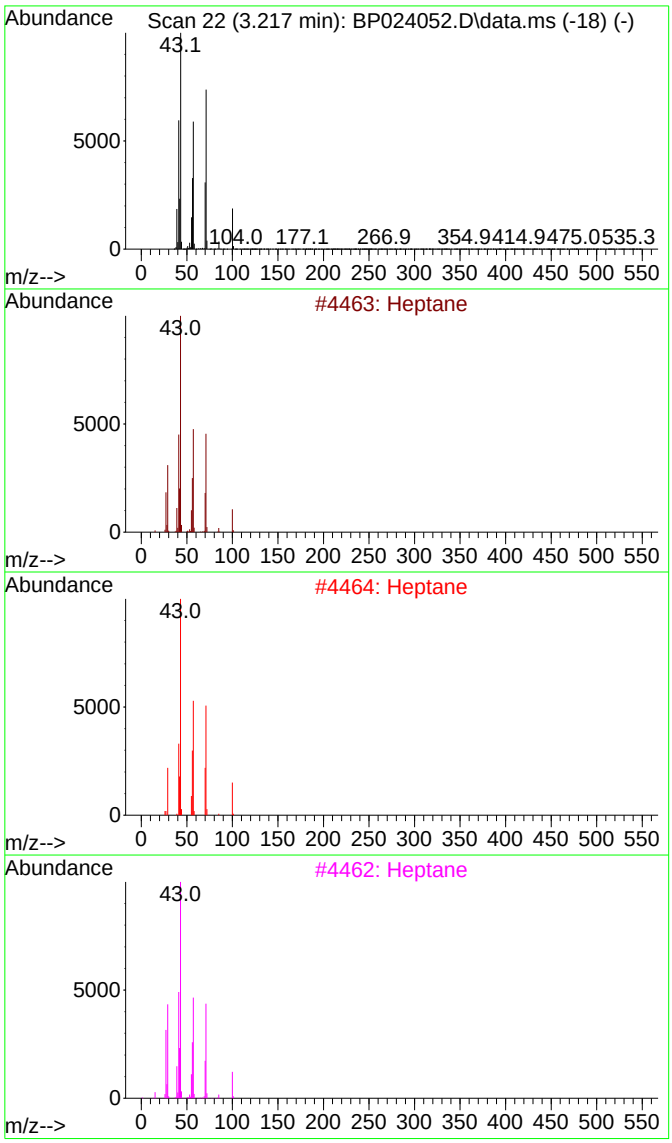
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

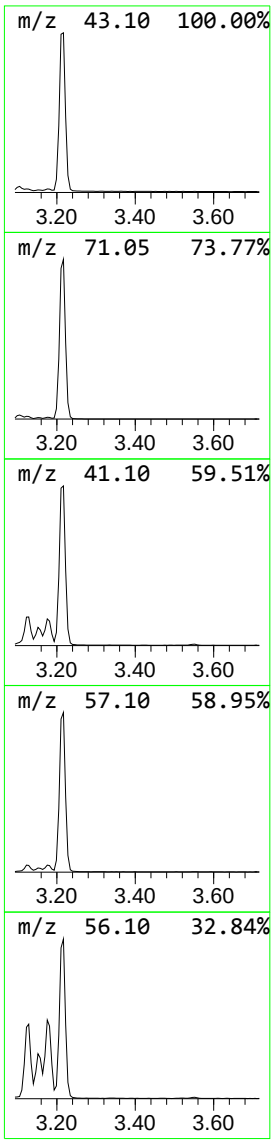
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.217	26.61 ng/ul	4051680	1,4-Dichlorobenzene-d4	7.757

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	68
4	Heptane	100	C7H16	000142-82-5	53
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	53





Tentatively Identified Compound (LSC) summary

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: C...	3.128	5.1	ng/ul	773909	1	7.757	3045160	20.0
(DEL) Alkane: C...	3.152	2.8	ng/ul	426807	1	7.757	3045160	20.0
(DEL) Alkane: C...	3.175	4.5	ng/ul	691475	1	7.757	3045160	20.0
(DEL) Alkane: S...	3.217	26.6	ng/ul	4051680	1	7.757	3045160	20.0