LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
Data File : BM023853.D
Acq On : 22 Nov 2019 06:08
Operator : JU
Sample : K5809-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPT6

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_M\METHODS\SOM-EPA-BM111119MA.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	2.969	11	14	23	rVB	624428	720472	14.05%	3.035%
2	3.299	67	70	76	rVB	62407	76158	1.48%	0.321%
3	3.599	116	121	130	rBV5	48790	102987	2.01%	0.434%
4	3.758	144	148	153	rVB	42673	58661	1.14%	0.247%
5	4.516	271	277	285	rVV9	18392	54753	1.07%	0.231%
6	4.587	285	289	293	rVB2	32706	42736	0.83%	0.180%
7	4.999	351	359	363	rBV8	19731	54132	1.06%	0.228%
8	5.075	367	372	376	rVB5	27968	49359	0.96%	0.208%
9	5.181	385	390	394	rBV	44225	62889	1.23%	0.265%
10	5.540	443	451	456	rBV5	27815	57344	1.12%	0.242%
11	6.610	625	633	638	rBV	30963	58428	1.14%	0.246%
12	6.752	652	657	667	rVB	39319	68392	1.33%	0.288%
13	7.169	723	728	736	rVB	102214	158170	3.08%	0.666%
14	7.510	780	786	798	rBV	1764995	2789945	54.40%	11.753%
15	7.628	798	806	808	rBV2	35406	59520	1.16%	0.251%
16	8.057	874	879	890	rBV2	38211	76602	1.49%	0.323%
17	8.410	929	939	945	rBV7	37680	119181	2.32%	0.502%
18	8.616	965	974	980	rVB4	28443	54790	1.07%	0.231%
19	9.198	1069	1073	1083	rVB3	29286	69259	1.35%	0.292%
20	9.481	1115	1121	1130	rBV3	38992	103817	2.02%	0.437%
21	9.698	1151	1158	1164	rBV7	33449	81997	1.60%	0.345%
22	10.175	1233	1239	1243	rBV8	21616	49796	0.97%	0.210%
23	10.287	1250	1258	1267	rBV	2276168	3857858	75.22%	16.252%
24	10.475	1284	1290	1295	rBV5	31522	83198	1.62%	0.350%
25	10.787	1339	1343	1348	rVB3	52303	77552	1.51%	0.327%
26	10.981	1373	1376	1383	rVB6	47852	80886	1.58%	0.341%
27	11.122	1395	1400	1405	rBV7	42580	95616	1.86%	0.403%
28	11.210	1411	1415	1422	rBV8	29993	55103	1.07%	0.232%
29	11.357	1435	1440	1443	rBV6	39609	86802	1.69%	0.366%
30	11.592	1476	1480	1489	rVB6	69714	173824	3.39%	0.732%
31	12.045	1553	1557	1560	rBV2	63632	104573	2.04%	0.441%
32	12.081	1560	1563	1570	rVB	65068	118235	2.31%	0.498%
33	12.239	1586	1590	1599	rVB7	64939	109968	2.14%	0.463%
34	12.316	1600	1603	1608	rBV7	29688	60393	1.18%	0.254%

LSC Area Percent Report

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Sample : K5809-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPT6

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_M\METHODS\SOM-EPA-BM111119MA.M
Title : SVOA CALIBRATION

35	12.516	1634	1637	1644	rBV7	45183	80411	1.57%	0.339%
36	12.598	1647	1651	1657	rVB3	124513	190474	3.71%	0.802%
37	12.769	1675	1680	1683	rBV5	87448	170591	3.33%	0.719%
38	12.798	1683	1685	1694	rVB	115969	174618	3.40%	0.736%
39	12.951	1707	1711	1714	rBV3	134628	207856	4.05%	0.876%
40	13.057	1725	1729	1733	rBV7	56969	122342	2.39%	0.515%
41	13.498	1801	1804	1808	rBV3	80857	111900	2.18%	0.471%
42	13.598	1816	1821	1825	rBV	392108	572900	11.17%	2.413%
43	13.916	1871	1875	1877	rBV3	162990	251617	4.91%	1.060%
44	13.951	1878	1881	1887	rVV2	311984	559680	10.91%	2.358%
45	14.010	1887	1891	1898	rVB	415928	614719	11.99%	2.590%
46	14.175	1910	1919	1930	rBV	3154128	5128878	100.00%	21.607%
47	14.975	2051	2055	2061	rBV2	449383	655783	12.79%	2.763%
48	16.933	2383	2388	2397	rBV	3236809	5022195	97.92%	21.157%

Sum of corrected areas: 23737360

LSC Report - Integrated Chromatogram

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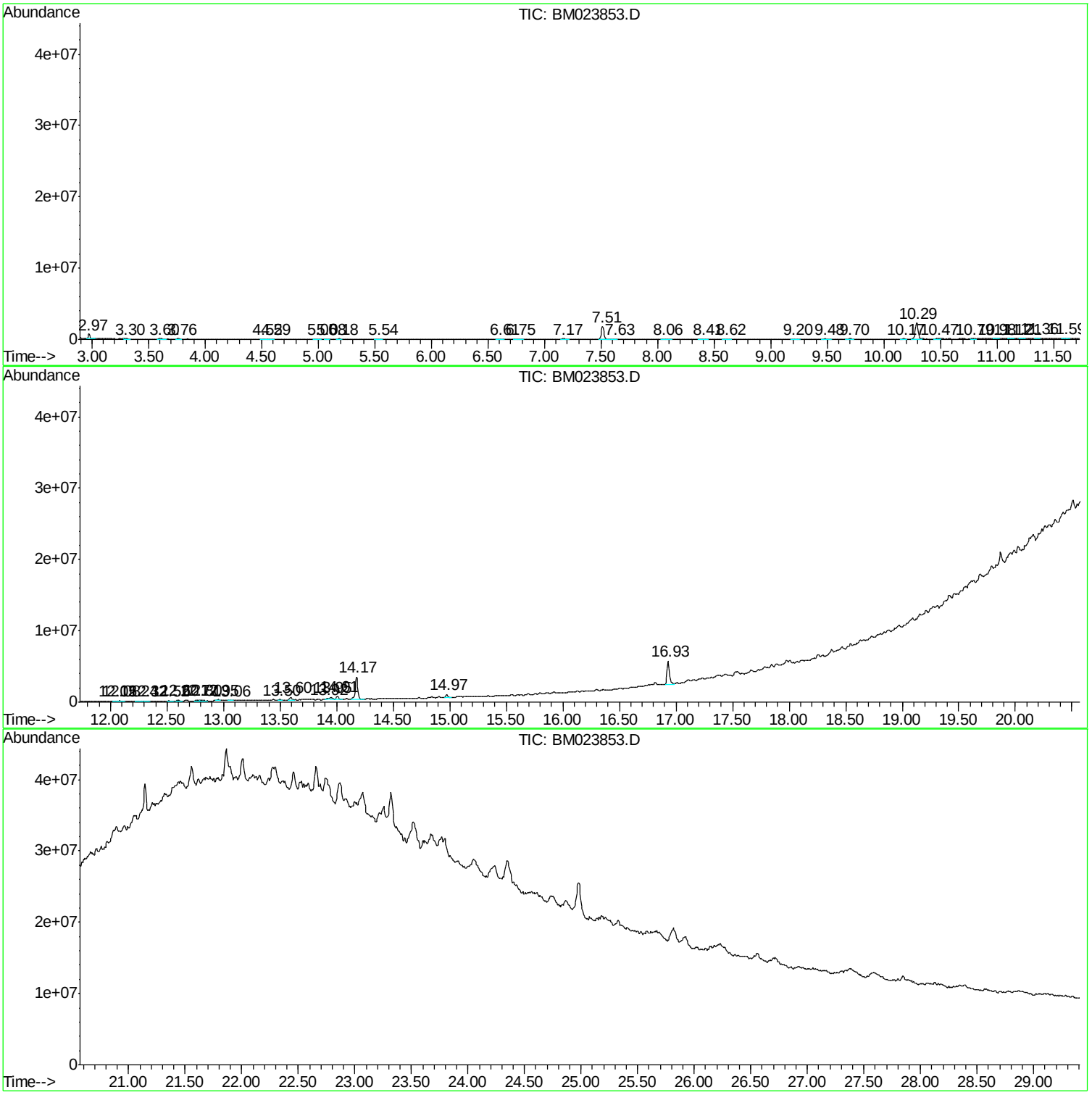
Operator : JU
Sample : K5809-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPT6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
Data File : BM023853.D
Acq On : 22 Nov 2019 06:08
Operator : JU
Sample : K5809-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPT6

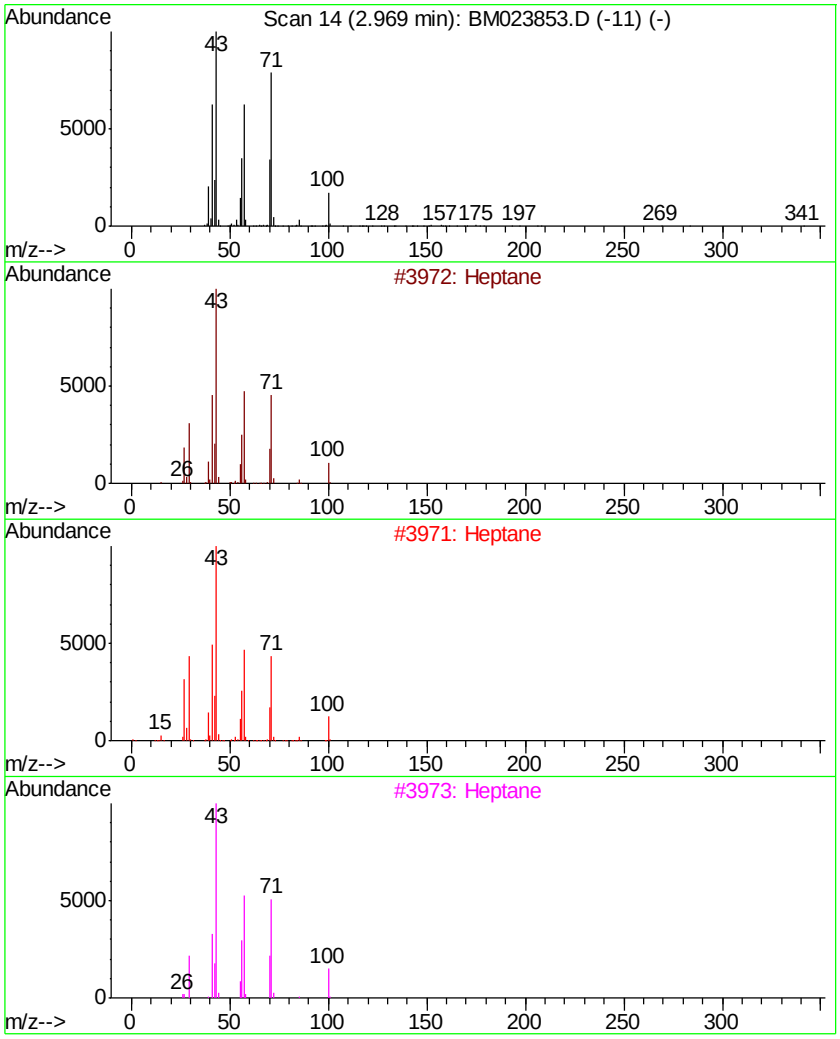
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

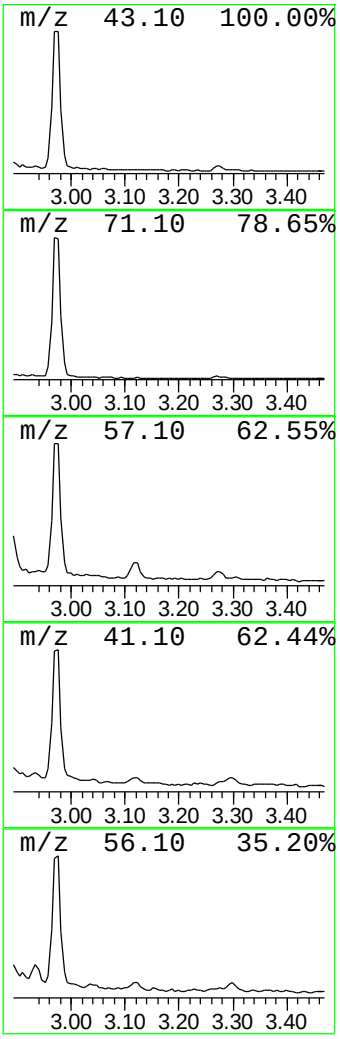
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.97	5.16 ng/ul	720472	1,4-Dichlorobenzene-d4	7.51

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	91
5	2-Bromononane	206	C9H19Br	002216-35-5	59





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Sample : K5809-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPT6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

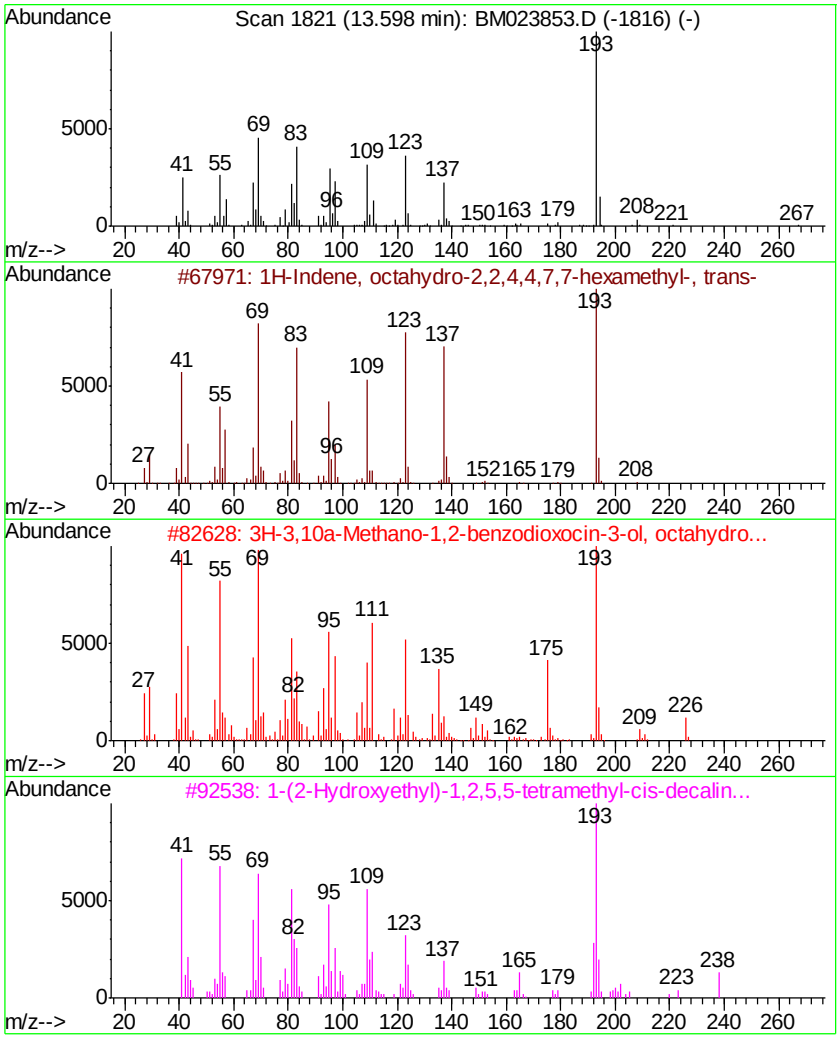
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

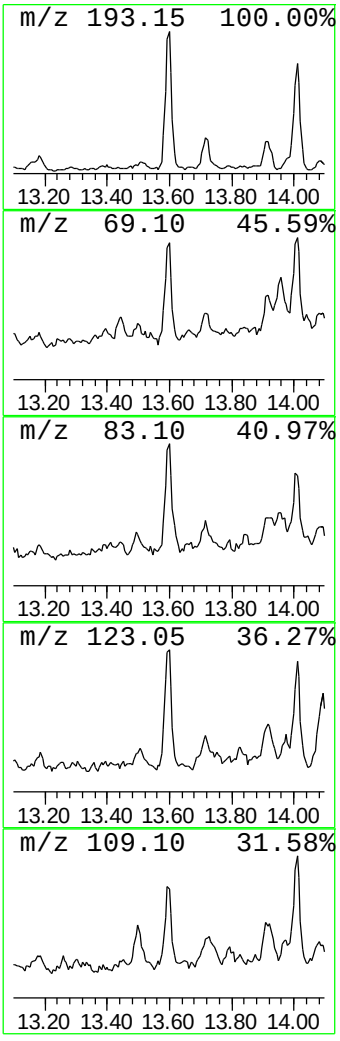
****

Peak Number 2 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	2.23 ng/ul	572900	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	42
2	3H-3,10a-Methano-1,2-benzodioxoc...	226	C13H22O3	095906-83-5	42
3	1-(2-Hydroxyethyl)-1,2,5,5-tetra...	238	C16H30O	1000298-97-4	37
4	3,7-Dimethylocta-2,6-dien-1-ol, ...	262	C16H22OS	1000196-46-7	33
5	2-Anthracenamine	193	C14H11N	000613-13-8	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
Data File : BM023853.D
Acq On : 22 Nov 2019 06:08
Operator : JU
Sample : K5809-07
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ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFPT6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

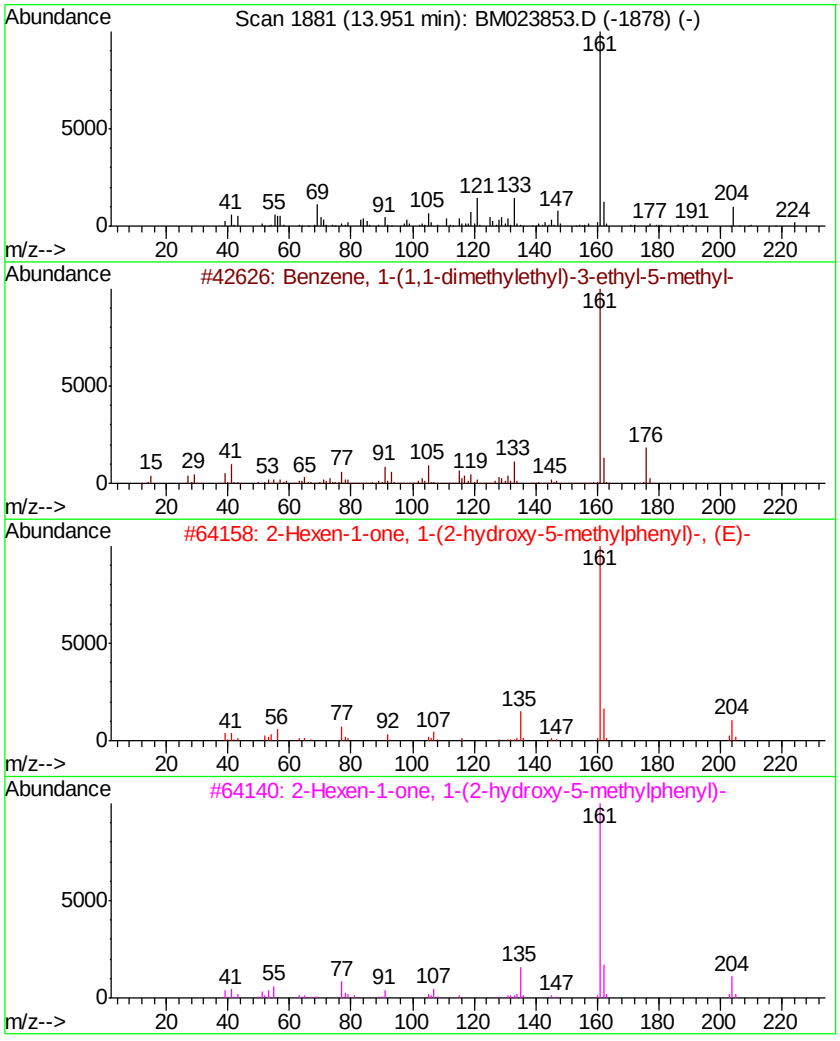
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

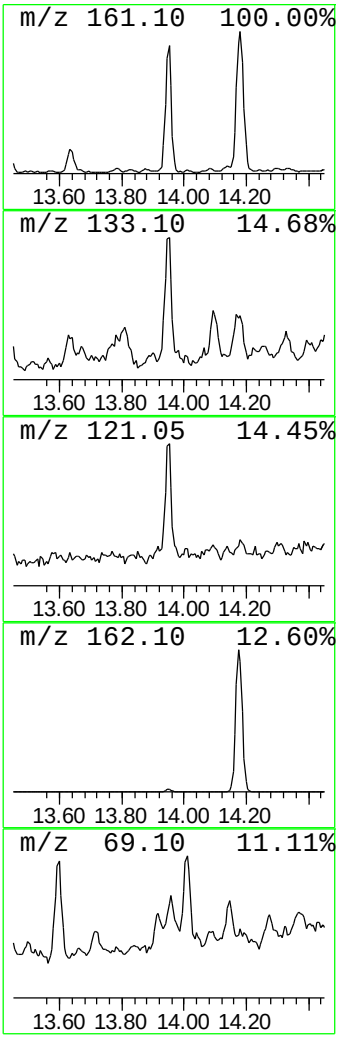
****

Peak Number 3 Benzene, 1-(1,1-dimethyleth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	2.18 ng/ul	559680	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1,1-dimethylethyl)-3...	176	C13H20	006630-01-9	59
2	2-Hexen-1-one, 1-(2-hydroxy-5-me...	204	C13H16O2	041873-82-9	58
3	2-Hexen-1-one, 1-(2-hydroxy-5-me...	204	C13H16O2	051956-79-7	58
4	l-Alanine, N-(4-butylbenzoyl)-, ...	305	C18H27NO3	1000314-15-2	53
5	2H-1-Benzopyran-2-one, 6-amino-	161	C9H7NO2	014415-44-2	53





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Instrument : BNA_M
ClientSampleId : BFPT6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

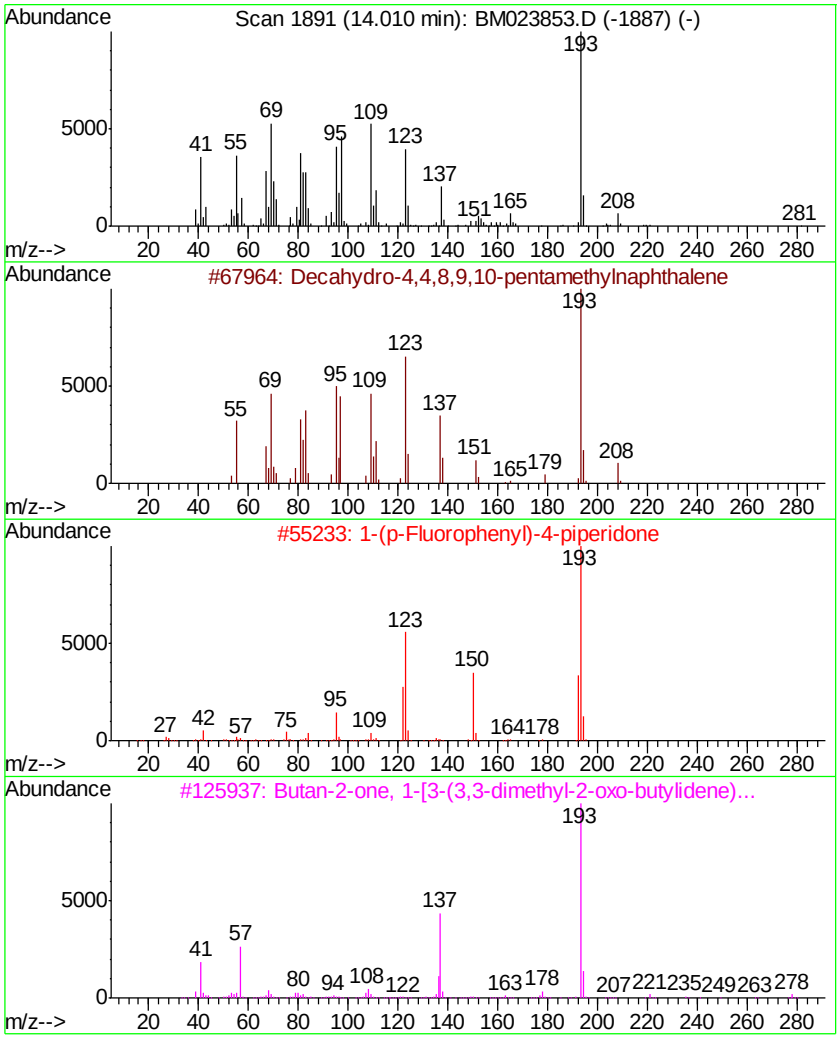
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

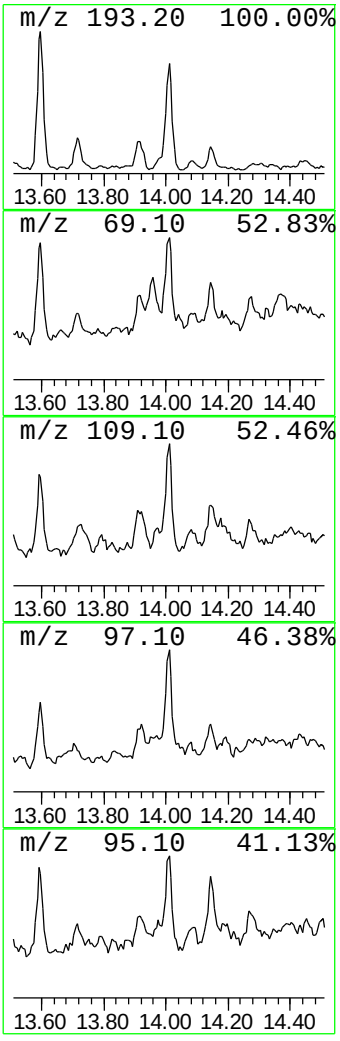
****

Peak Number 4 Decahydro-4,4,8,9,10-pentam... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	2.40 ng/ul	614719	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	70
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	43
3	Butan-2-one, 1-[3-(3,3-dimethyl-...	278	C16H26N2O2	1000303-34-2	22
4	3-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	040702-26-9	16
5	1H-Pyrazole, 3,5-bis(1,1-dimethy...	208	C13H24N2	125281-21-2	16





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Quant Title : SVOA CALIBRATION

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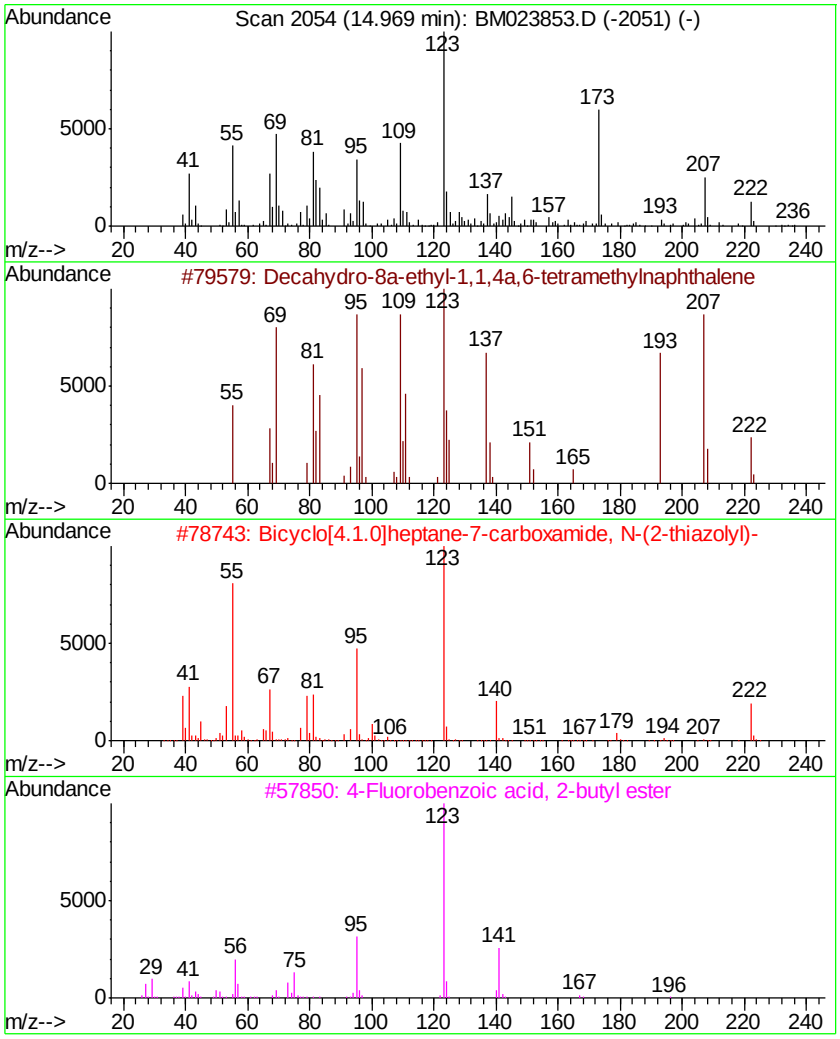
TIC Integration Parameters: LSCINT.P

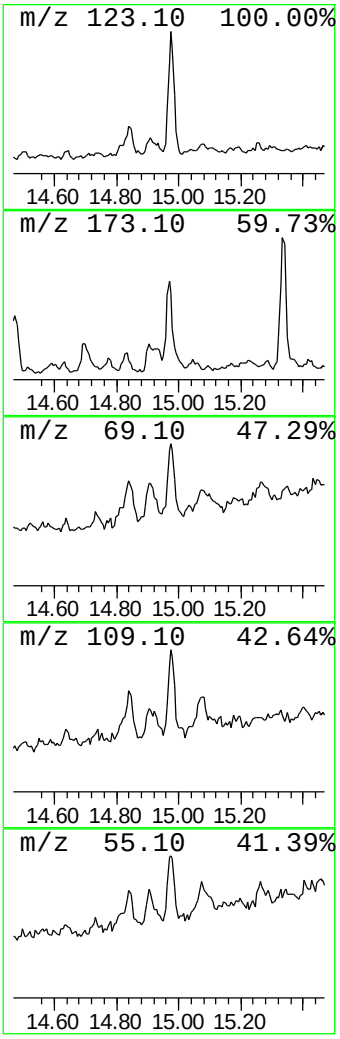
****

Peak Number 5 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	2.56 ng/ul	655783	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-8a-ethyl-1,1,4a,6-tetr...	222	C16H30	1000100-23-6	46
2	Bicyclo[4.1.0]heptane-7-carboxam...	222	C11H14N2OS	329912-72-3	43
3	4-Fluorobenzoic acid, 2-butyl ester	196	C11H13FO2	090172-12-6	43
4	2-Pyrimidinamine, 4,6-dimethyl-	123	C6H9N3	000767-15-7	38
5	3-Fluorobenzoic acid, pentafluor...	306	C13H4F6O2	1000355-66-2	38





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	2.97	5.2	ng/ul	720472	1	7.51	2789950	20.0
unknown-01	13.60	2.2	ng/ul	572900	3	14.17	5128880	20.0
Benzene, 1-(1,1-d...	13.95	2.2	ng/ul	559680	3	14.17	5128880	20.0
Decahydro-4,4,8,9...	14.01	2.4	ng/ul	614719	3	14.17	5128880	20.0
unknown-02	14.97	2.6	ng/ul	655783	3	14.17	5128880	20.0