LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005626.D
Acq On : 24 May 2016 01:52
Operator : UM/SJ
Sample : H3124-03RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGG0RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.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	61	65	70	rVB	57051	69614	1.46%	0.102%
2	3.269	112	116	125	rVB	38628	53374	1.12%	0.078%
3	3.787	199	204	209	rVB	50302	63659	1.34%	0.093%
4	6.469	652	660	669	rVB2	30404	65272	1.37%	0.096%
5	6.975	735	746	759	rVB	704875	1215156	25.57%	1.782%
6	7.134	766	773	779	rBV	551077	866072	18.22%	1.270%
7	7.334	795	807	815	rBV	737385	1205322	25.36%	1.767%
8	7.722	862	873	876	rBV6	25826	74480	1.57%	0.109%
9	7.798	876	886	893	rVB	744246	1268220	26.68%	1.859%
10	7.981	912	917	921	rVB4	26483	49679	1.05%	0.073%
11	8.345	972	979	990	rVB5	55658	148185	3.12%	0.217%
12	8.510	1000	1007	1014	rBV	846751	1380358	29.04%	2.024%
13	8.622	1022	1026	1031	rBV	49861	82071	1.73%	0.120%
14	8.675	1031	1035	1044	rVB8	34951	88332	1.86%	0.130%
15	8.775	1044	1052	1061	rVB9	20360	72999	1.54%	0.107%
16	8.892	1061	1072	1077	rBV3	59743	164981	3.47%	0.242%
17	8.957	1077	1083	1096	rVB	664091	1108672	23.33%	1.625%
18	9.110	1104	1109	1111	rBV3	36232	60983	1.28%	0.089%
19	9.139	1111	1114	1122	rVB3	43275	88390	1.86%	0.130%
20	9.510	1170	1177	1182	rBV	99576	167966	3.53%	0.246%
21	9.675	1198	1205	1215	rVB	588115	1022201	21.51%	1.499%
22	9.769	1215	1221	1226	rBV2	147624	240889	5.07%	0.353%
23	10.216	1285	1297	1304	rBV	871785	1550917	32.63%	2.274%
24	10.286	1305	1309	1311	rBV3	39347	58966	1.24%	0.086%
25	10.369	1319	1323	1328	rBV2	39166	63444	1.33%	0.093%
26	10.592	1349	1361	1366	rBV	1086086	2113783	44.47%	3.099%
27	10.639	1366	1369	1377	rVB	233702	396035	8.33%	0.581%
28	10.727	1377	1384	1392	rBV2	531350	1138169	23.95%	1.669%
29	10.810	1394	1398	1402	rBV3	37224	59740	1.26%	0.088%
30	10.875	1407	1409	1414	rVB5	40093	54925	1.16%	0.081%
31	11.075	1438	1443	1448	rVB	159608	257784	5.42%	0.378%
32	11.263	1468	1475	1485	rBV10	95722	342436	7.20%	0.502%
33	11.416	1498	1501	1507	rBV6	57986	91779	1.93%	0.135%
34	11.610	1530	1534	1537	rBV	148879	244508	5.14%	0.358%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005626.D
Acq On : 24 May 2016 01:52
Operator : UM/SJ
Sample : H3124-03RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGG0RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Title : SVOA CALIBRATION

35	11.780	1558	1563	1566	rBV	99557	187584	3.95%	0.275%
36	11.869	1574	1578	1583	rBV3	146250	220817	4.65%	0.324%
37	12.251	1639	1643	1650	rVB	271450	524071	11.03%	0.768%
38	12.327	1652	1656	1661	rBV4	72644	150152	3.16%	0.220%
39	12.380	1662	1665	1668	rBV3	88843	120092	2.53%	0.176%
40	12.474	1677	1681	1688	rVB	227760	420816	8.85%	0.617%
41	12.639	1704	1709	1714	rVB5	151081	282531	5.94%	0.414%
42	12.786	1730	1734	1739	rBV5	106133	163698	3.44%	0.240%
43	12.869	1745	1748	1753	rVB4	185751	276457	5.82%	0.405%
44	12.969	1761	1765	1770	rVB3	340060	529682	11.14%	0.777%
45	13.021	1771	1774	1780	rVB5	107239	177138	3.73%	0.260%
46	13.245	1808	1812	1820	rVB6	235721	537132	11.30%	0.787%
47	13.321	1821	1825	1827	rBV5	107149	164355	3.46%	0.241%
48	13.845	1909	1914	1918	rVB	1268888	1754455	36.91%	2.572%
49	13.892	1918	1922	1924	rBV	286447	360171	7.58%	0.528%
50	13.963	1931	1934	1937	rBV4	137541	213259	4.49%	0.313%
51	14.133	1958	1963	1972	rBV2	1392704	2532297	53.28%	3.713%
52	14.268	1983	1986	1992	rVB4	246376	403190	8.48%	0.591%
53	14.439	2011	2015	2021	rVB2	1307159	2022355	42.55%	2.965%
54	14.651	2047	2051	2058	rVB	494870	883309	18.58%	1.295%
55	15.433	2179	2184	2188	rVB	1603849	2338436	49.20%	3.428%
56	15.486	2189	2193	2198	rBV	512039	792276	16.67%	1.162%
57	15.557	2202	2205	2211	rVB3	329165	459672	9.67%	0.674%
58	17.180	2477	2481	2485	rBV	1265646	1976913	41.59%	2.898%
59	17.227	2485	2489	2493	rVB	2621934	3678506	77.40%	5.393%
60	17.280	2494	2498	2502	rBV2	1572806	2313445	48.68%	3.392%
61	18.056	2627	2630	2633	rBV	349352	455982	9.59%	0.669%
62	18.556	2712	2715	2719	rVB	362036	441149	9.28%	0.647%
63	19.239	2826	2831	2837	rVB	3080765	4214090	88.66%	6.178%
64	19.574	2883	2888	2890	rBV2	1932903	3092034	65.06%	4.533%
65	19.603	2890	2893	2901	rVB	3402998	4752834	100.00%	6.968%
66	20.086	2972	2975	2982	rVB	681662	1165061	24.51%	1.708%
67	20.192	2990	2993	2997	rVB	443127	517354	10.89%	0.758%
68	21.039	3135	3137	3140	rBV	229296	262536	5.52%	0.385%
69	21.350	3184	3190	3194	rBV2	2172788	4347935	91.48%	6.374%
70	21.392	3194	3197	3206	rVB	1560153	2145351	45.14%	3.145%
71	22.950	3458	3462	3467	rBV	573248	1187757	24.99%	1.741%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005626.D
Acq On : 24 May 2016 01:52
Operator : UM/SJ
Sample : H3124-03RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGG0RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Title : SVOA CALIBRATION

72	23.438	3542	3545	3549	rVV	385702	518508	10.91%	0.760%
73	23.491	3549	3554	3558	rVV	1143818	2343016	49.30%	3.435%
74	23.538	3559	3562	3568	rVB	1256411	2019033	42.48%	2.960%
75	23.633	3574	3578	3583	rVB	767373	1333597	28.06%	1.955%

Sum of corrected areas: 68208407

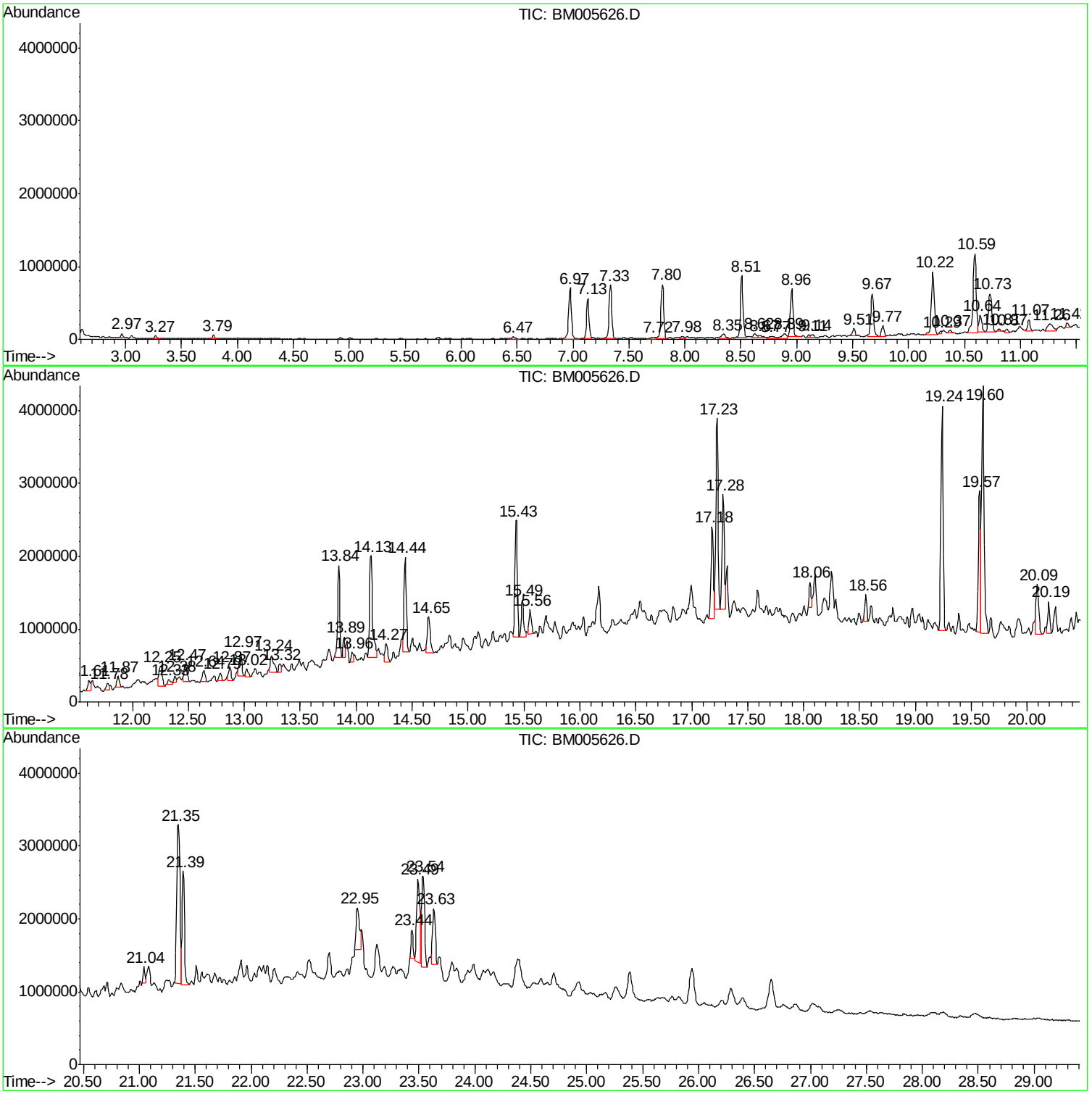
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005626.D
Acq On : 24 May 2016 01:52
Operator : UM/SJ
Sample : H3124-03RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGG0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005626.D
Acq On : 24 May 2016 01:52
Operator : UM/SJ
Sample : H3124-03RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGG0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

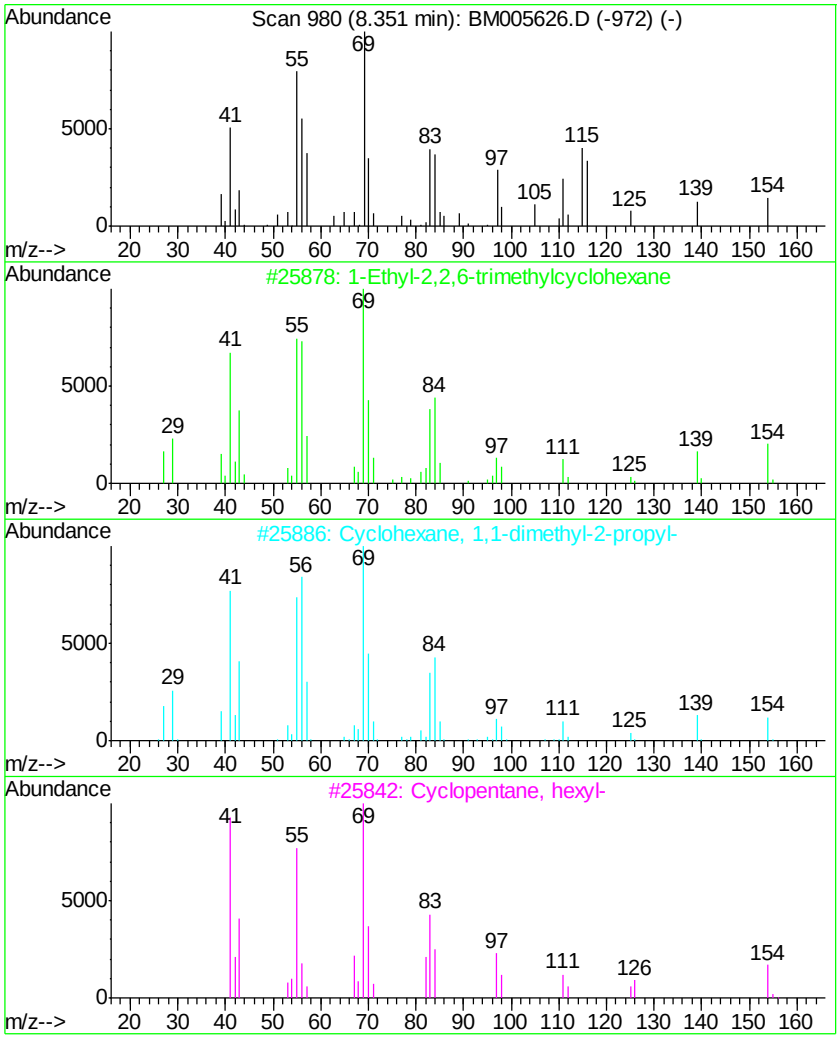
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

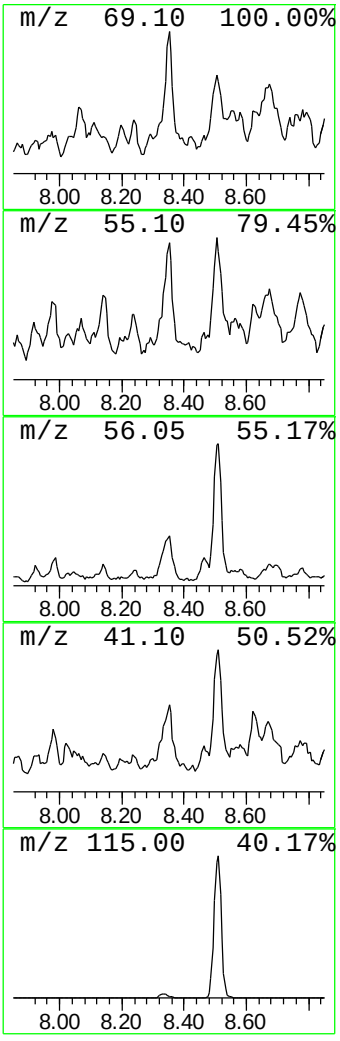
****

Peak Number 1 (DEL) Alkane: Cyclic8.35 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	2.34 ng/ul	148185	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	70
2	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	60
3	Cyclopentane, hexyl-	154	C11H22	004457-00-5	49
4	Cyclopropane, 1,2-dibutyl-	154	C11H22	041977-32-6	49
5	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	46





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005626.D
Acq On : 24 May 2016 01:52
Operator : UM/SJ
Sample : H3124-03RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGG0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

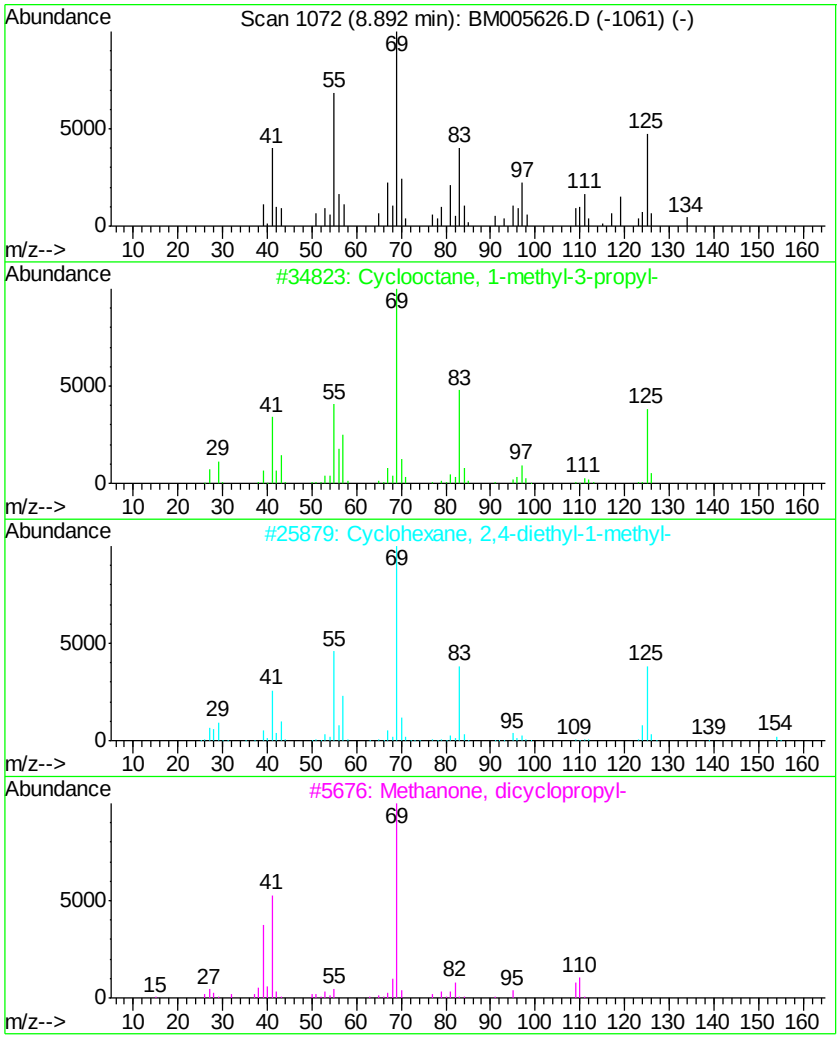
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

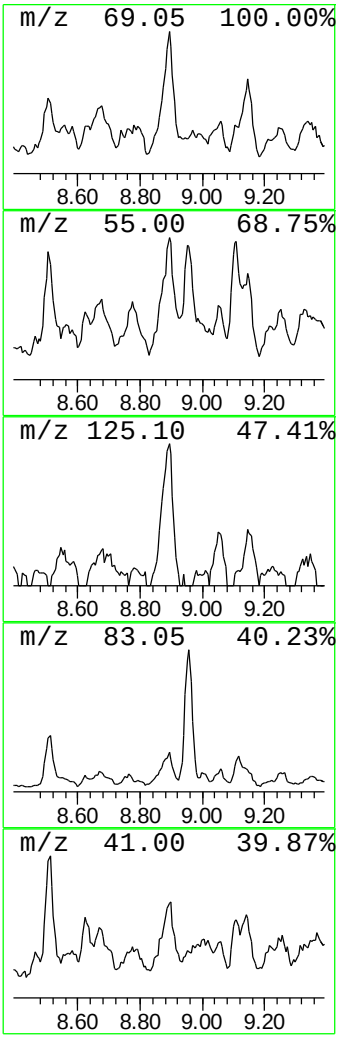
****

Peak Number 2 (DEL) Alkane: Cyclic8.89 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	2.60 ng/ul	164981	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	59
2	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	53
3	Methanone, dicyclopropyl-	110	C7H10O	001121-37-5	30
4	Methanone, dicyclopropyl-	110	C7H10O	001121-37-5	30
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	30





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005626.D
Acq On : 24 May 2016 01:52
Operator : UM/SJ
Sample : H3124-03RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGG0RE

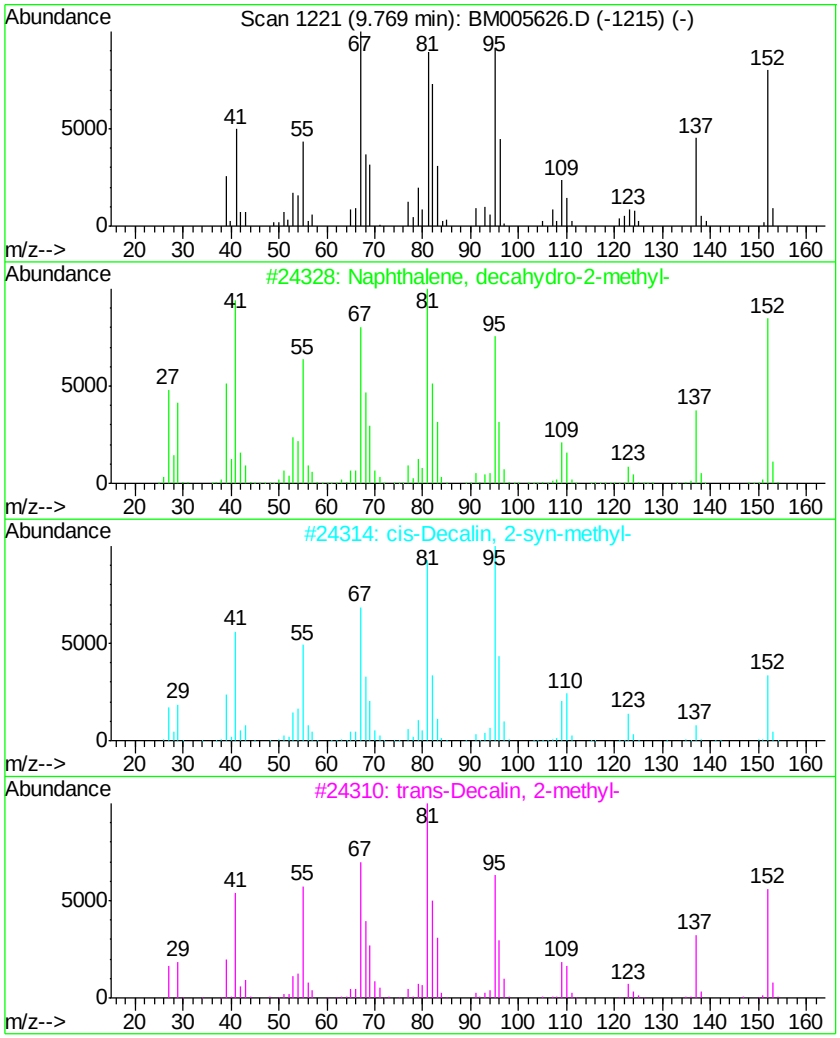
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

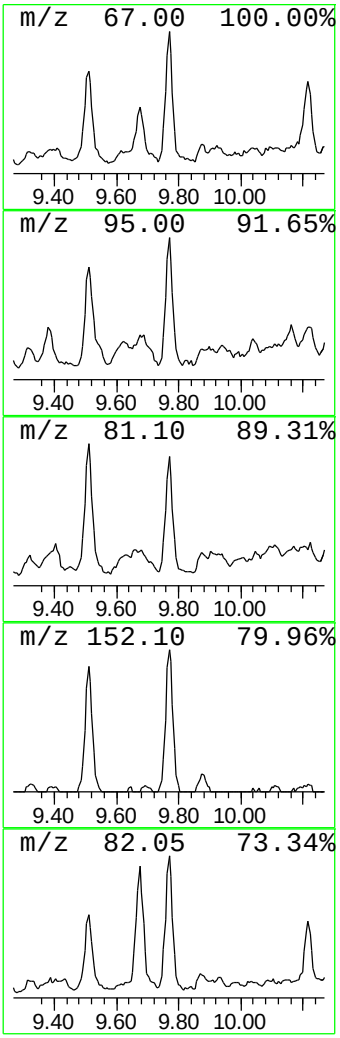
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Branched9.77 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	2.28 ng/ul	240889	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
2	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	74
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	70
4	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64
5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	58





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005626.D
Acq On : 24 May 2016 01:52
Operator : UM/SJ
Sample : H3124-03RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGG0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

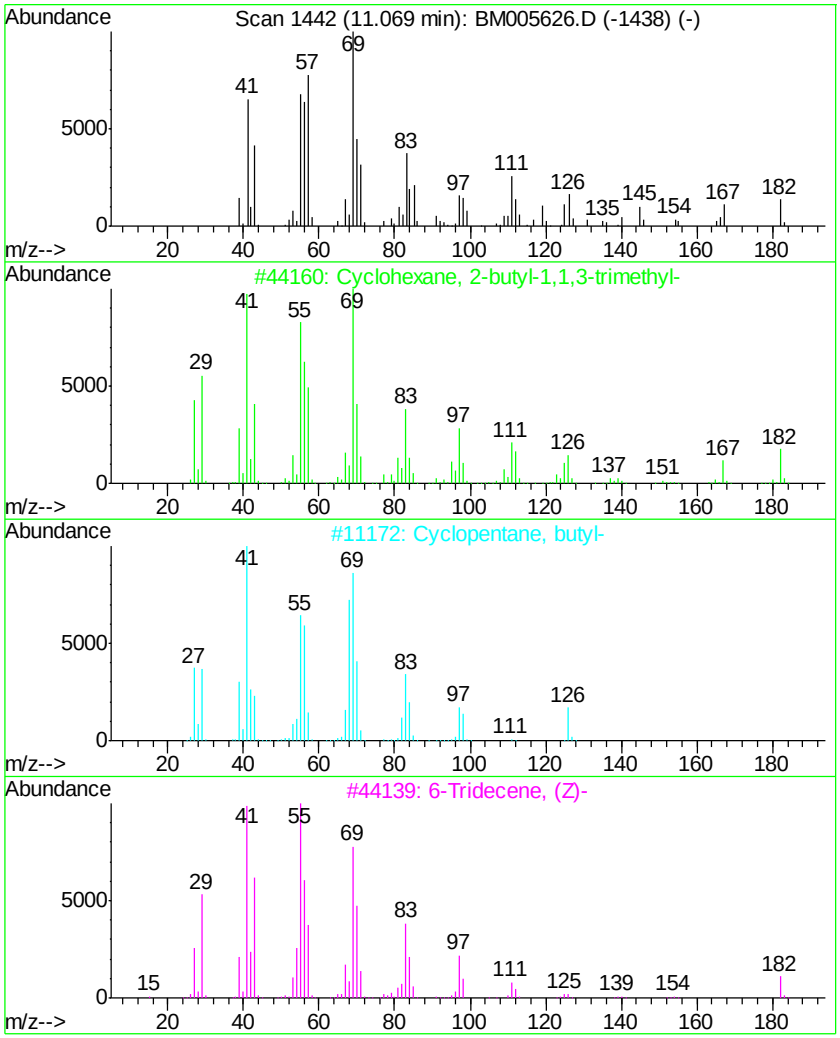
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

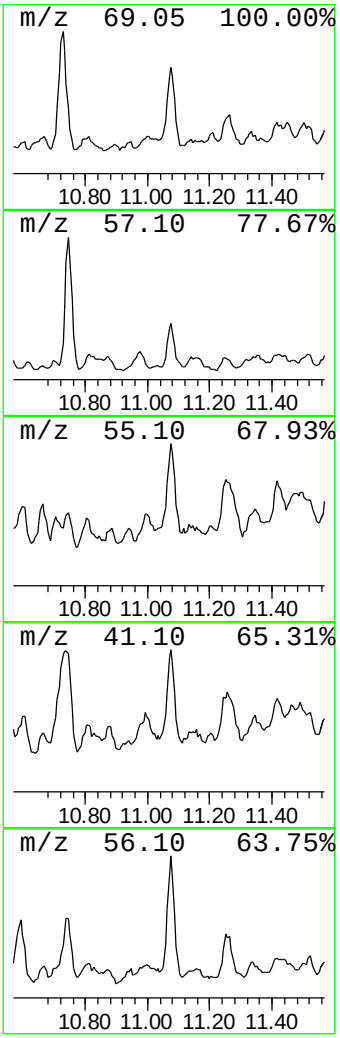
****

Peak Number 4 (DEL) Alkane: Cyclic11.07 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	2.44 ng/ul	257784	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	95
2	Cyclopentane, butyl-	126	C9H18	002040-95-1	90
3	6-Tridecene, (Z)-	182	C13H26	006508-77-6	87
4	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	87
5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	87





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005626.D
Acq On : 24 May 2016 01:52
Operator : UM/SJ
Sample : H3124-03RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGG0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

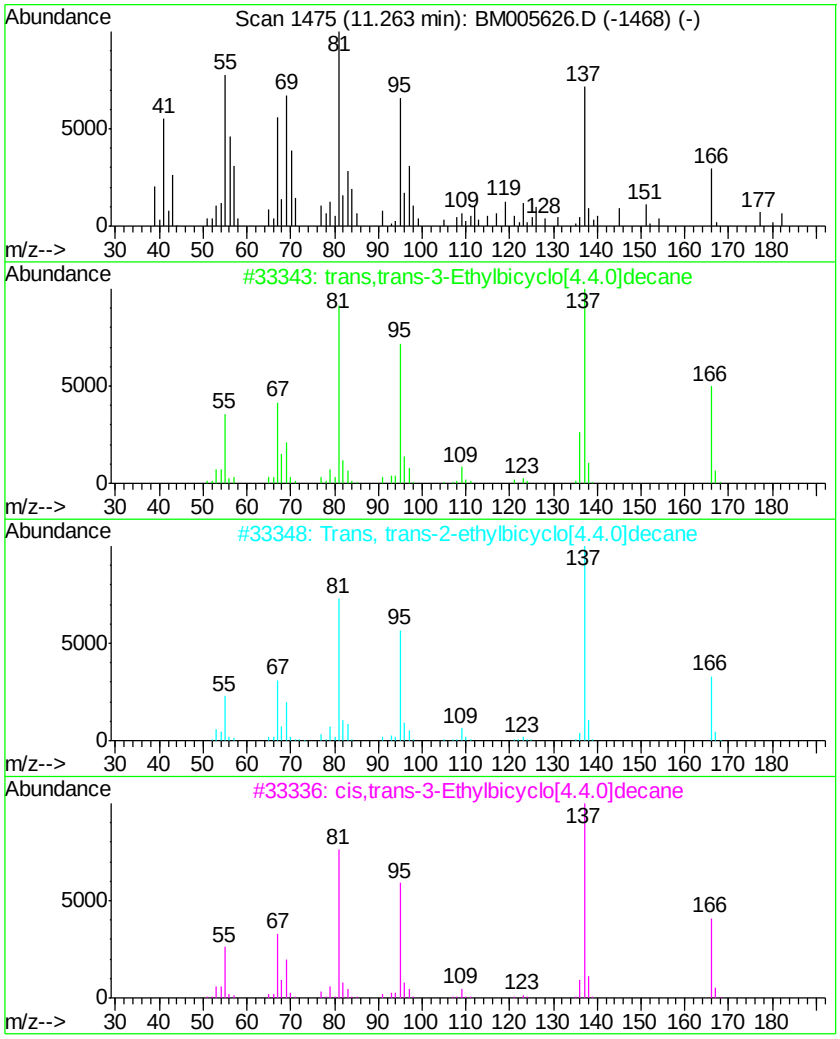
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

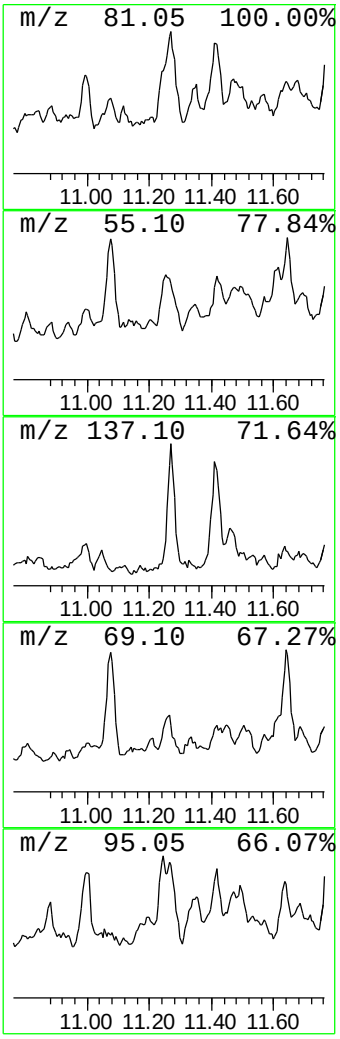
****

Peak Number 5 (DEL) Alkane: Branched11.26 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	3.24 ng/ul	342436	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans,trans-3-Ethylbicyclo[4.4.0...	166	C12H22	058462-32-1	64
2	Trans, trans-2-ethylbicyclo[4.4....	166	C12H22	066660-37-5	64
3	cis,trans-3-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-41-1	64
4	Naphthalene, 2-ethyldecahydro-	166	C12H22	001618-23-1	60
5	trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	58





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005626.D
Acq On : 24 May 2016 01:52
Operator : UM/SJ
Sample : H3124-03RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGG0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

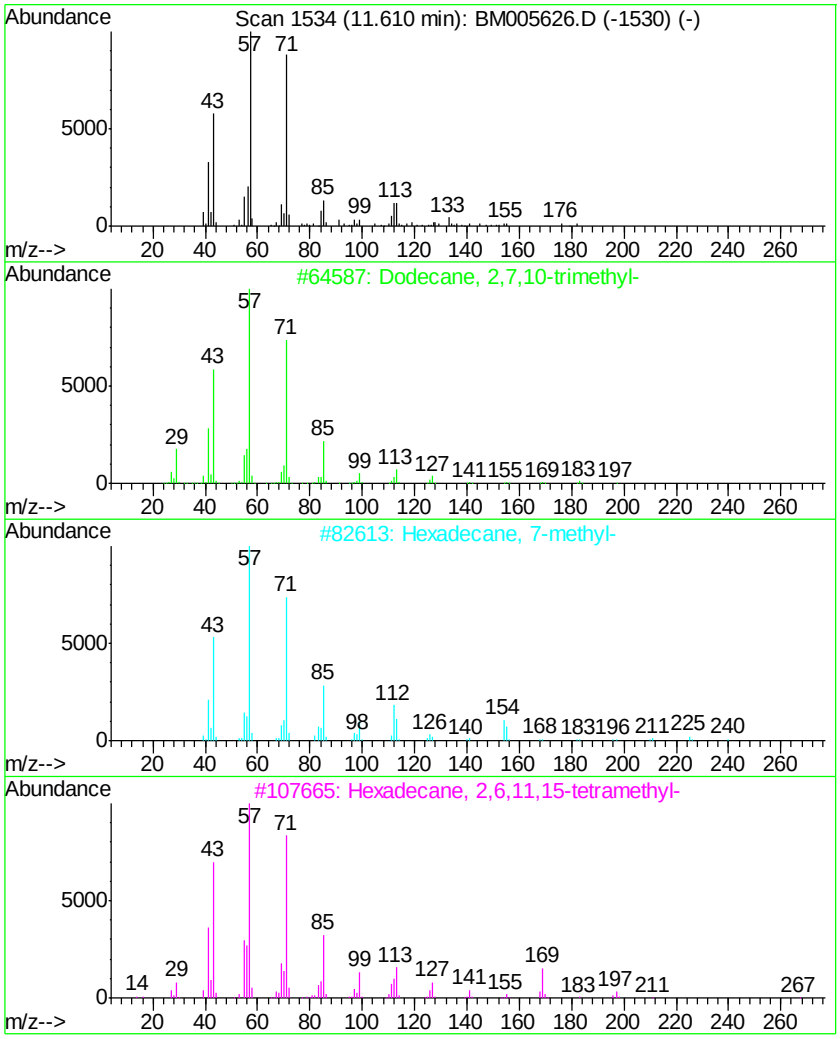
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

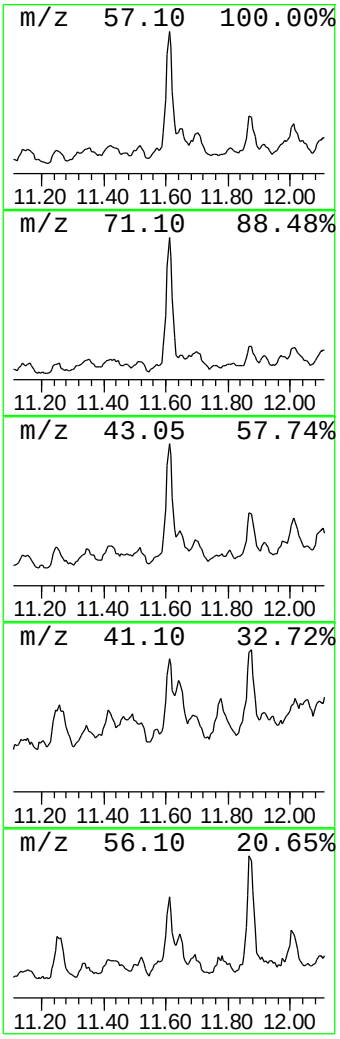
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	2.31 ng/ul	244508	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
2	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	59
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	59
4	Decane, 5-propyl-	184	C13H28	017312-62-8	53
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005626.D
Acq On : 24 May 2016 01:52
Operator : UM/SJ
Sample : H3124-03RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGG0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

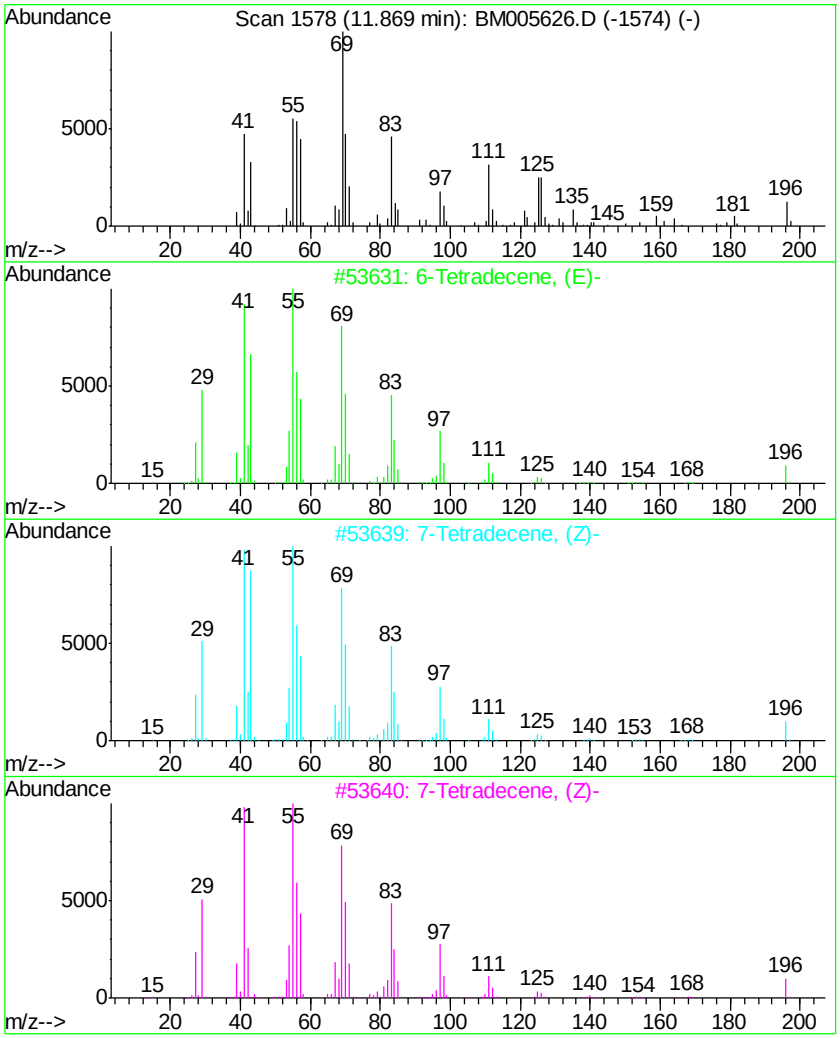
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

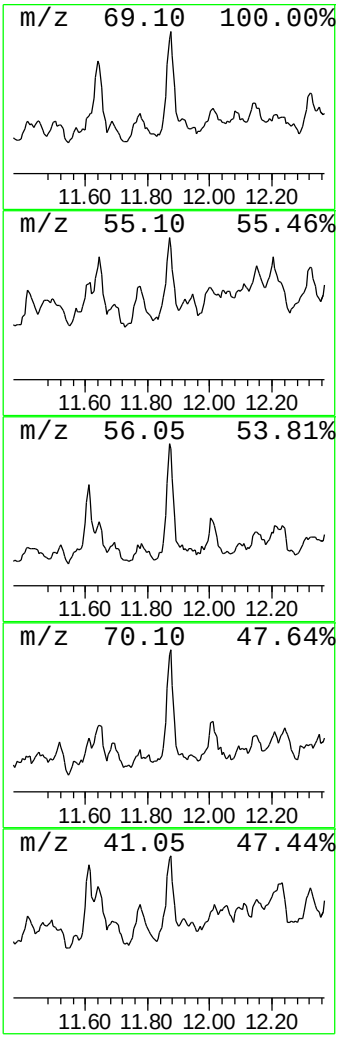
****

Peak Number 7 (DEL) Alkane: Cyclic11.87 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.09 ng/ul	220817	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Tetradecene, (E)-	196	C14H28	041446-64-4	74
2	7-Tetradecene, (Z)-	196	C14H28	041446-60-0	72
3	7-Tetradecene, (Z)-	196	C14H28	041446-60-0	72
4	7-Tetradecene, (E)-	196	C14H28	041446-63-3	72
5	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	52





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005626.D
Acq On : 24 May 2016 01:52
Operator : UM/SJ
Sample : H3124-03RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGG0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

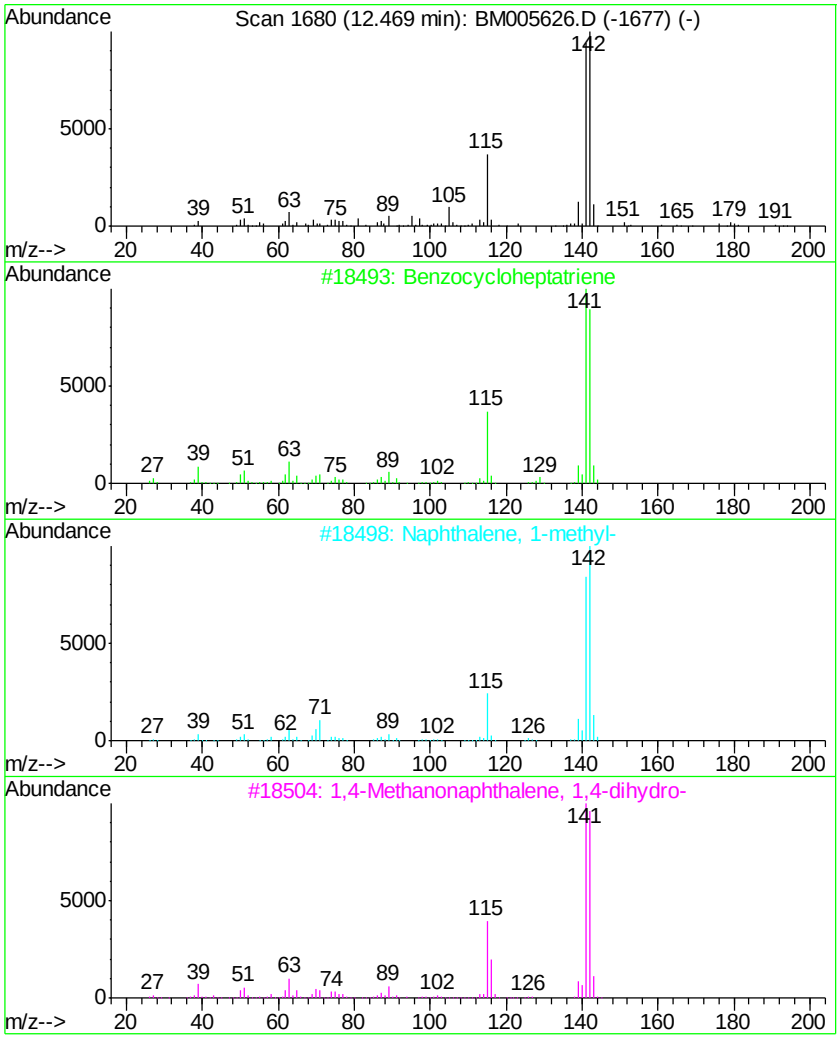
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

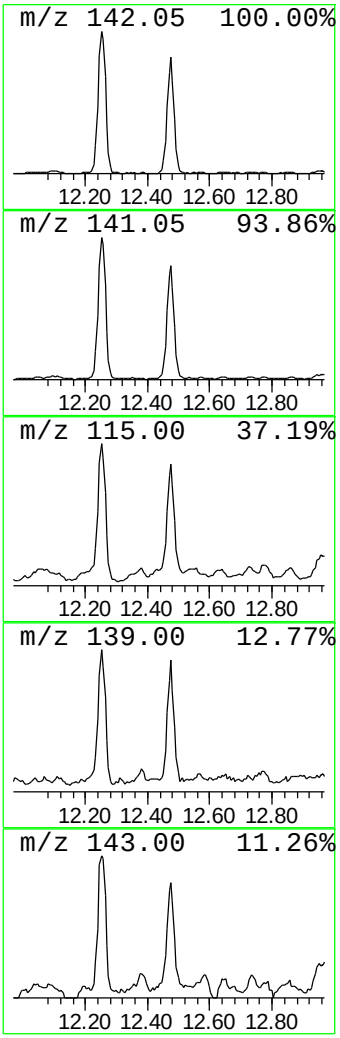
****

Peak Number 8 Benzocycloheptatriene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	3.98 ng/ul	420816	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzocycloheptatriene	142	C11H10	000264-09-5	91
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005626.D
Acq On : 24 May 2016 01:52
Operator : UM/SJ
Sample : H3124-03RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGG0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

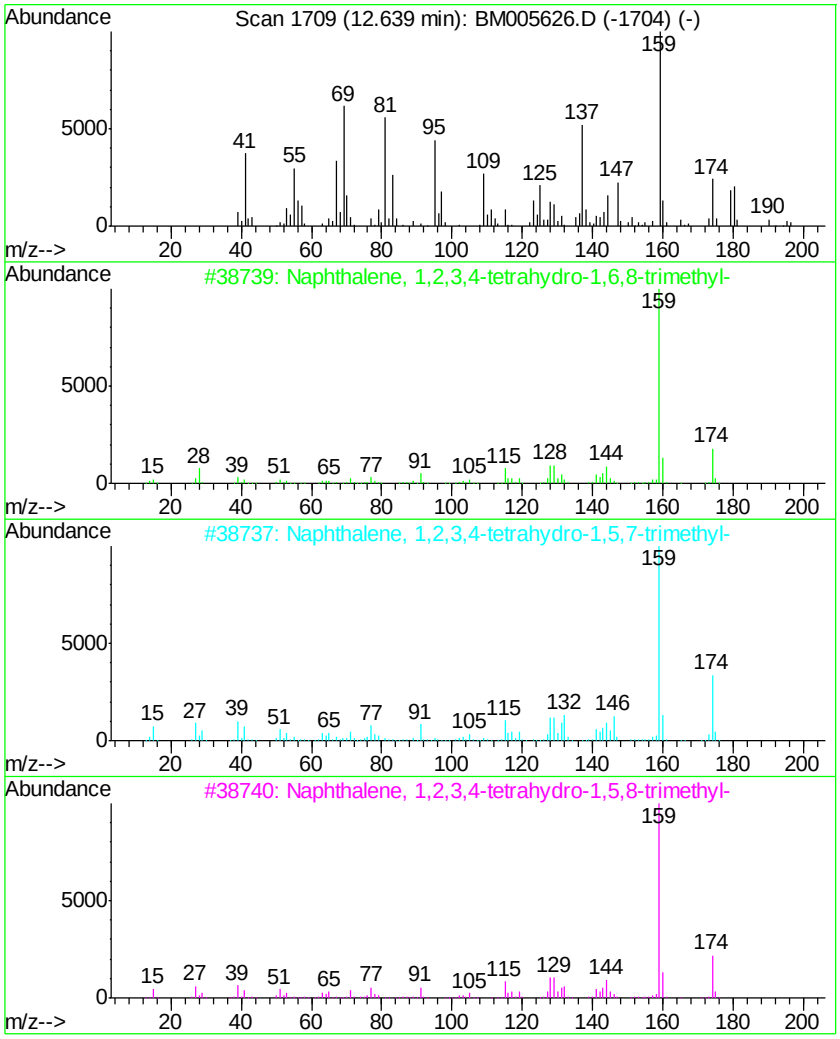
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

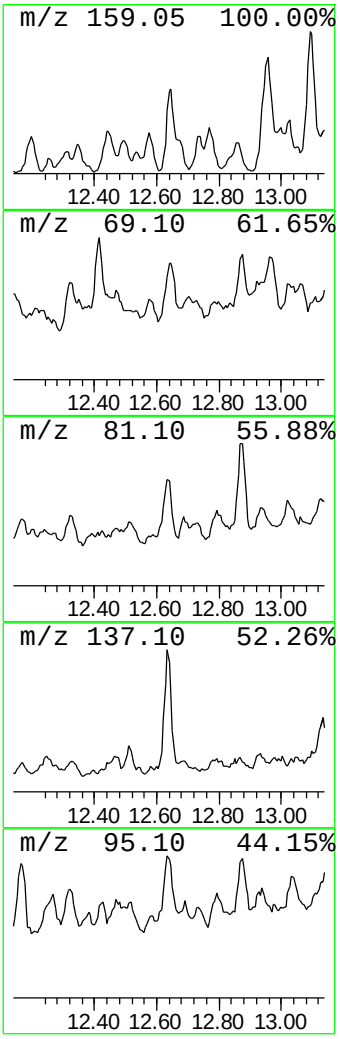
****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	2.79 ng/ul	282531	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	80
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-55-0	80
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	42
4	Benzene, 2-(2-butenyl)-1,3,5-tri...	174	C13H18	063435-25-6	42
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	42





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005626.D
Acq On : 24 May 2016 01:52
Operator : UM/SJ
Sample : H3124-03RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGG0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

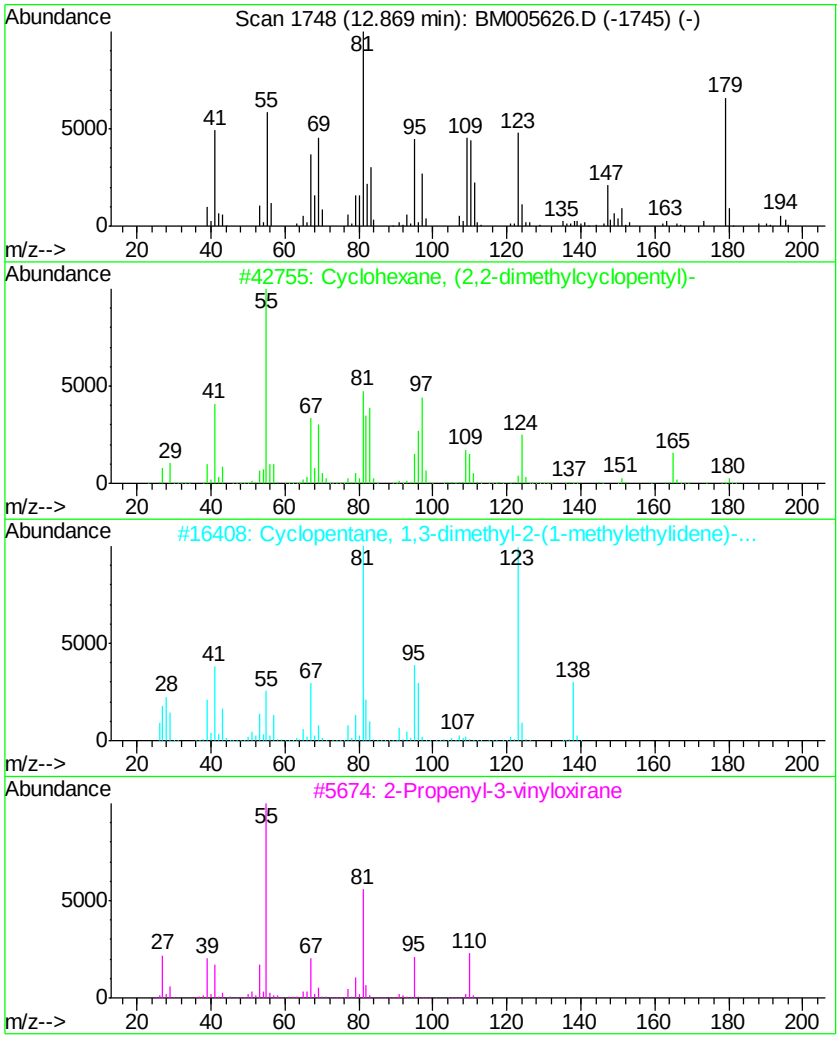
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

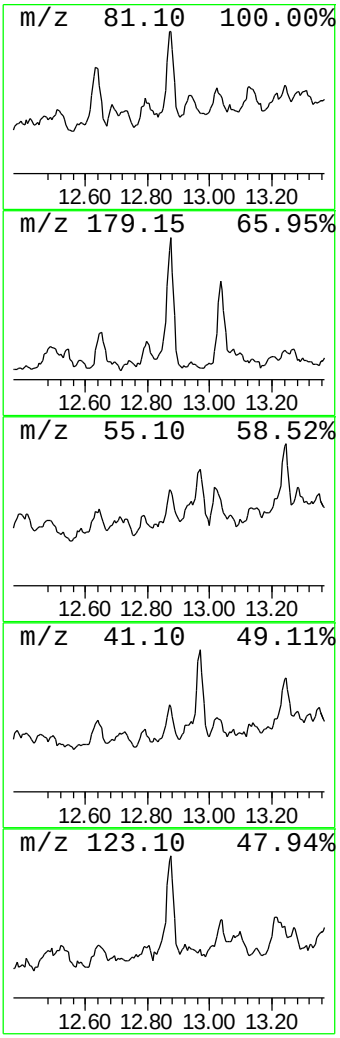
****

Peak Number 10 (DEL) Alkane: Branched12.87 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	2.73 ng/ul	276457	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2,2-dimethylcyclop...	180	C13H24	061142-23-2	47
2	Cyclopentane, 1,3-dimethyl-2-(1-...	138	C10H18	061142-30-1	38
3	2-Propenyl-3-vinyloxirane	110	C7H10O	070597-49-8	35
4	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	27
5	Cyclopropane, tetramethylpropyli...	138	C10H18	024519-04-8	27





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005626.D
Acq On : 24 May 2016 01:52
Operator : UM/SJ
Sample : H3124-03RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGG0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

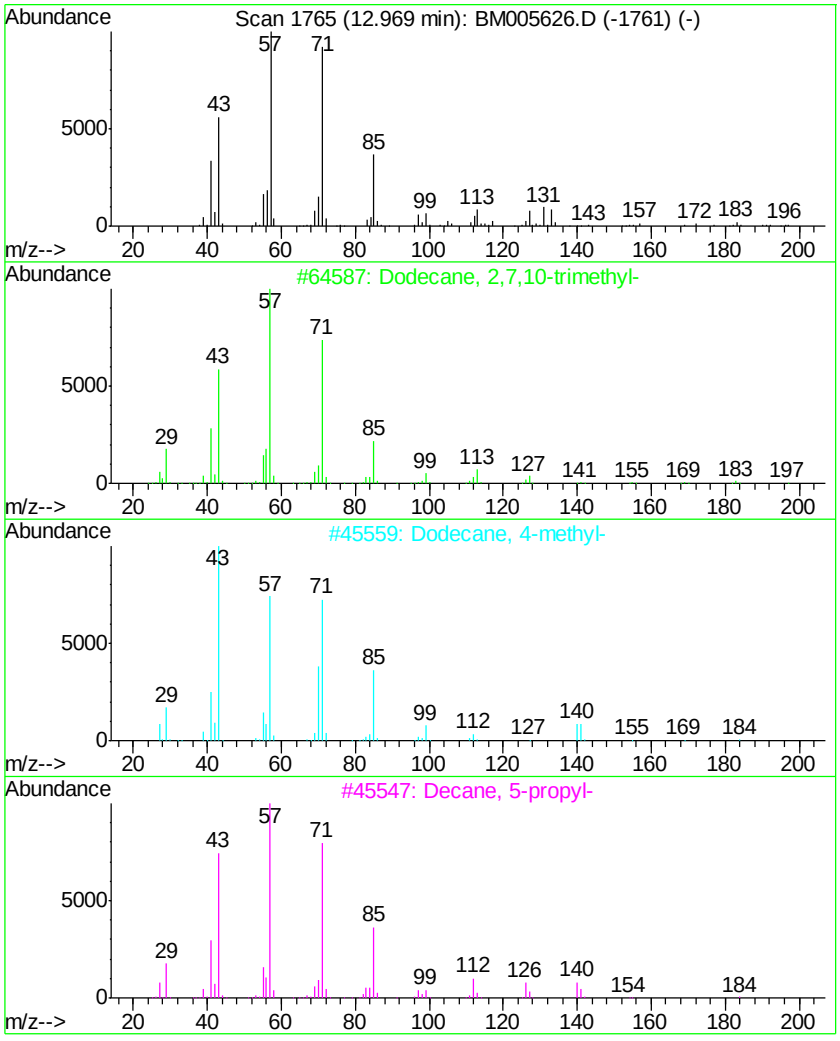
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

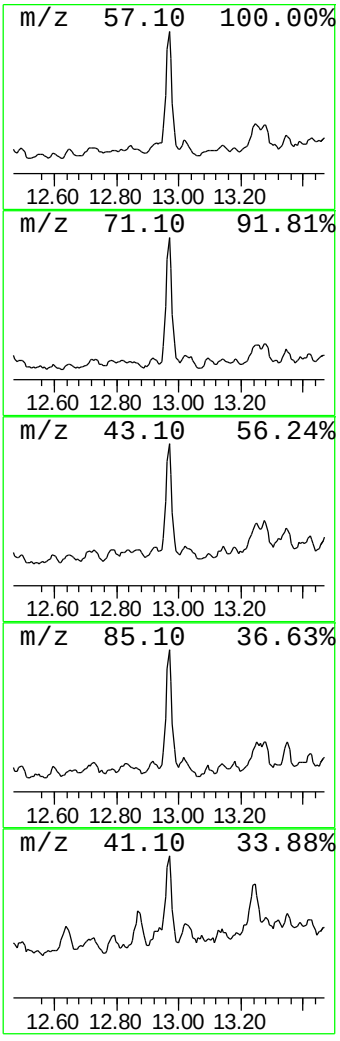
****

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	5.24 ng/ul	529682	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	74
3	Decane, 5-propyl-	184	C13H28	017312-62-8	74
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005626.D
Acq On : 24 May 2016 01:52
Operator : UM/SJ
Sample : H3124-03RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGG0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

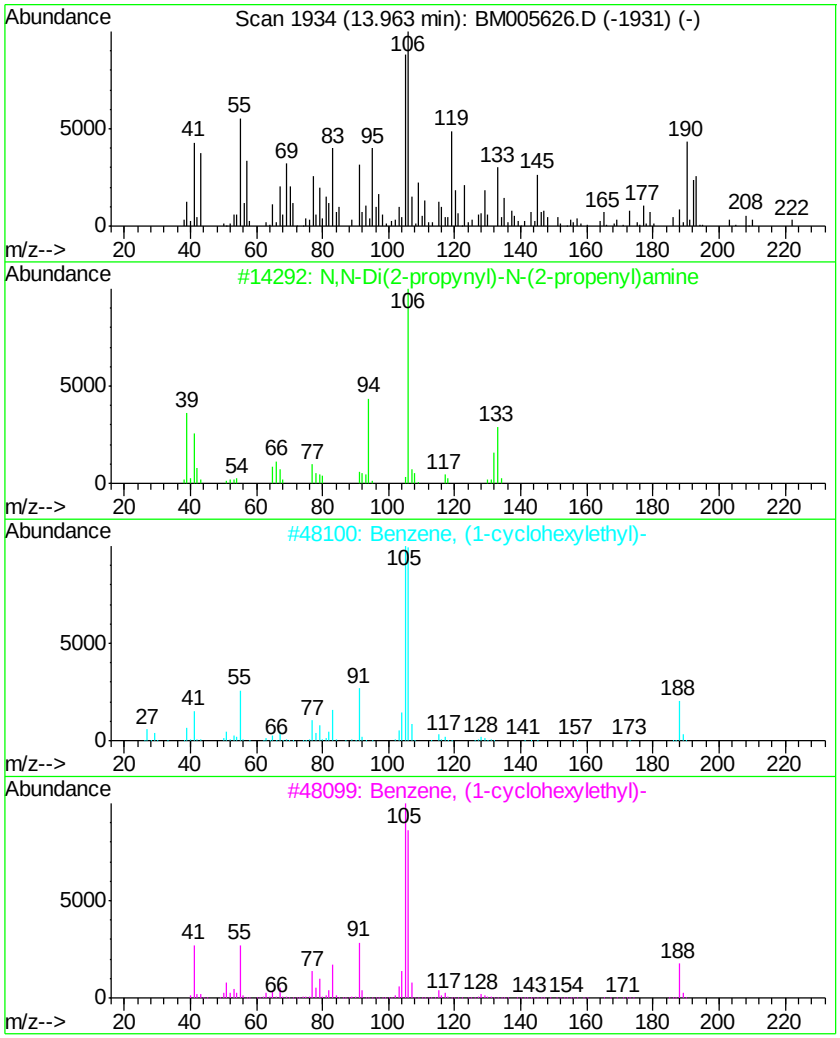
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

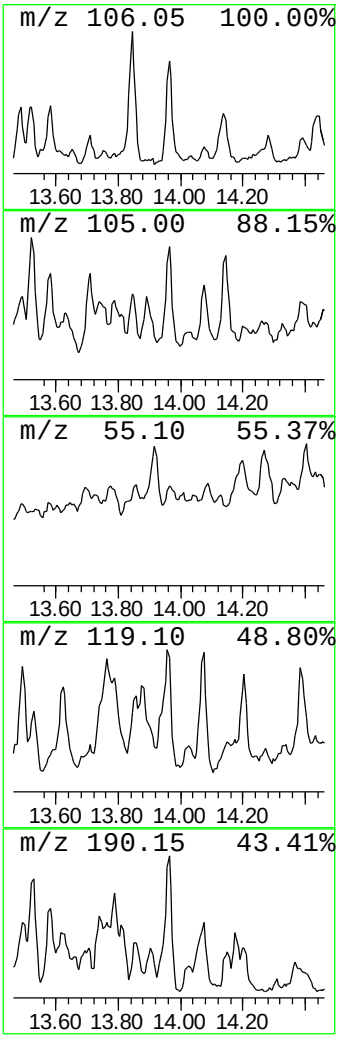
****

Peak Number 12 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	2.11 ng/ul	213259	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Di(2-propynyl)-N-(2-propenyl...	133	C9H11N	053146-05-7	18
2	Benzene, (1-cyclohexylethyl)-	188	C14H20	004413-16-5	15
3	Benzene, (1-cyclohexylethyl)-	188	C14H20	004413-16-5	11
4	Benzenamine, N-ethyl-	121	C8H11N	000103-69-5	11
5	Benzenamine, N-propyl-	135	C9H13N	000622-80-0	11





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005626.D
Acq On : 24 May 2016 01:52
Operator : UM/SJ
Sample : H3124-03RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGG0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

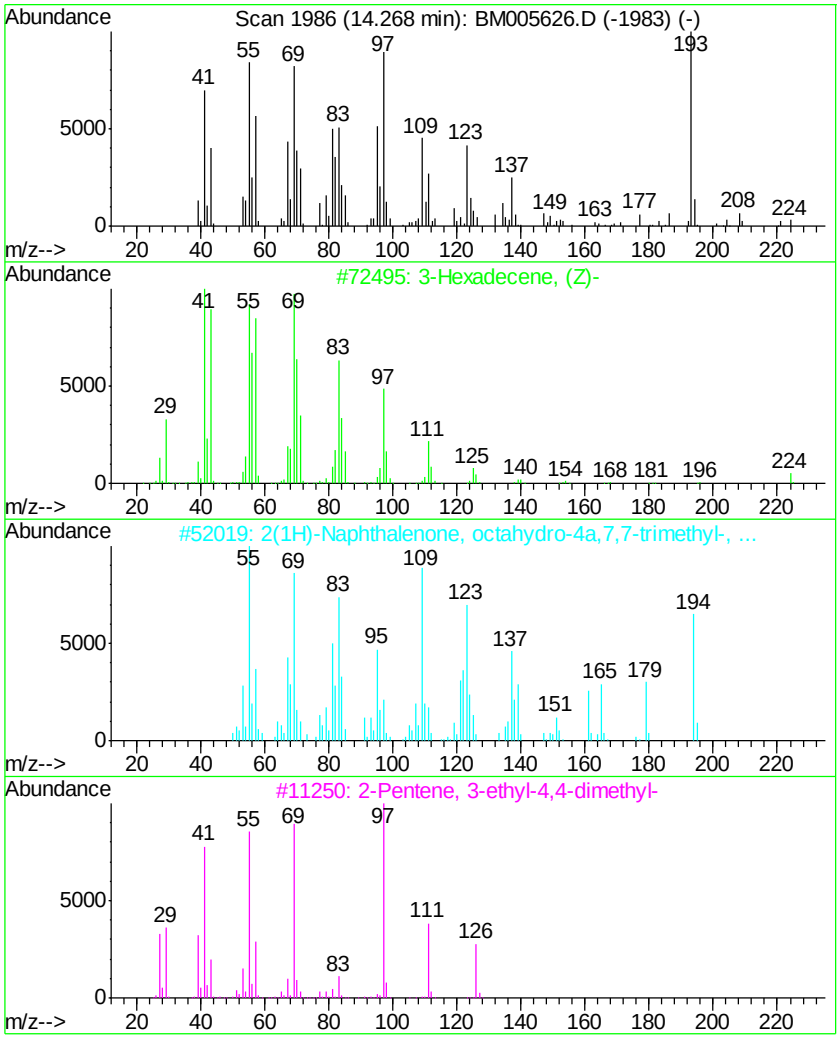
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

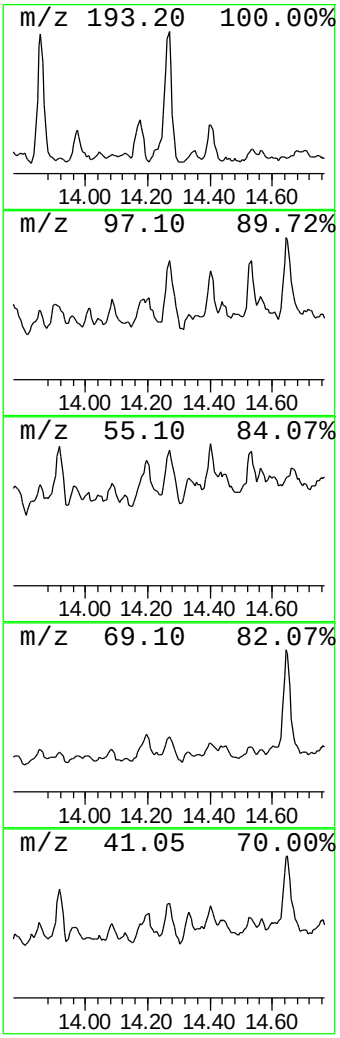
****

Peak Number 13 (DEL) Alkane: Cyclic14.27 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	3.99 ng/ul	403190	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	42
2	2(1H)-Naphthalenone, octahydro-4...	194	C13H22O	054699-31-9	38
3	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	30
4	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	27
5	2(1H)-Naphthalenone, octahydro-1...	194	C13H22O	000775-54-2	25





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005626.D
Acq On : 24 May 2016 01:52
Operator : UM/SJ
Sample : H3124-03RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGG0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

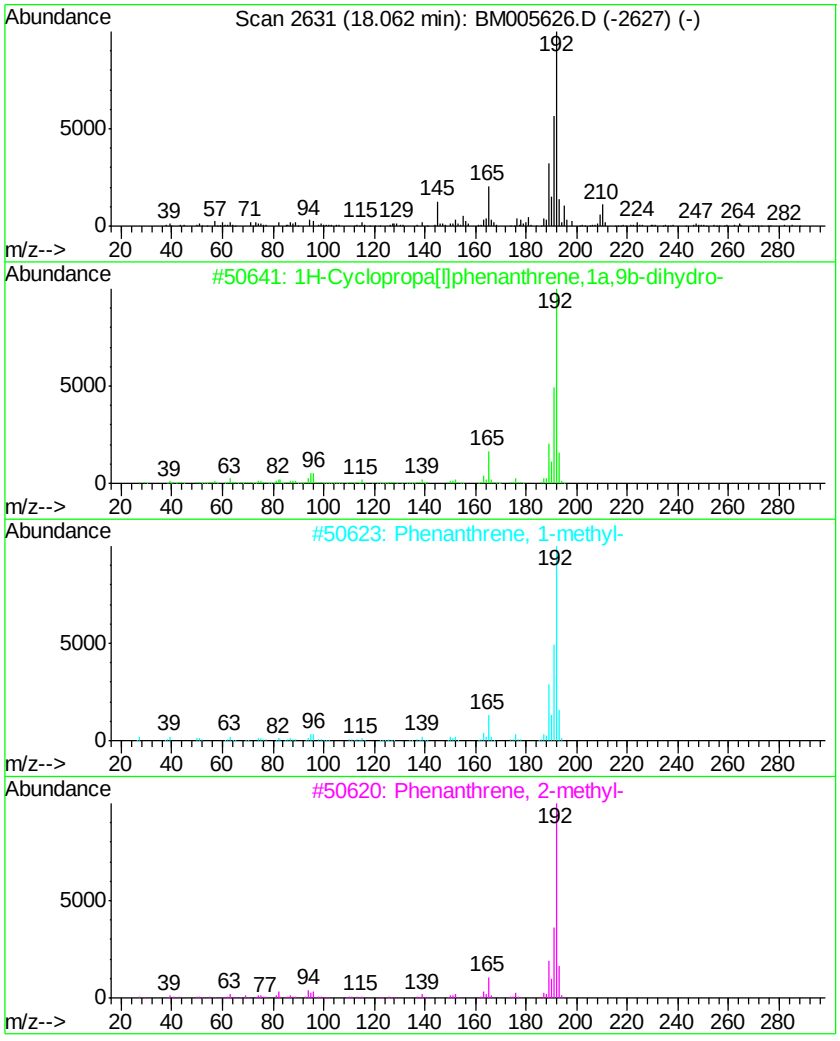
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

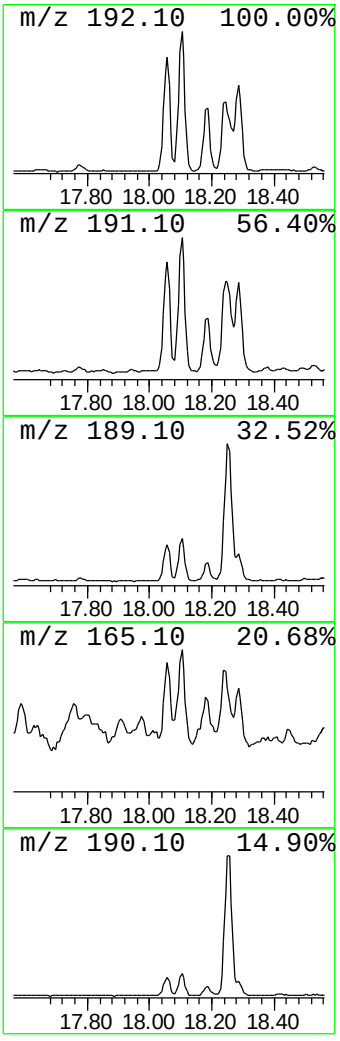
****

Peak Number 14 1H-Cyclopropa[l]phenanthren... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	4.61 ng/ul	455982	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005626.D
Acq On : 24 May 2016 01:52
Operator : UM/SJ
Sample : H3124-03RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGG0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

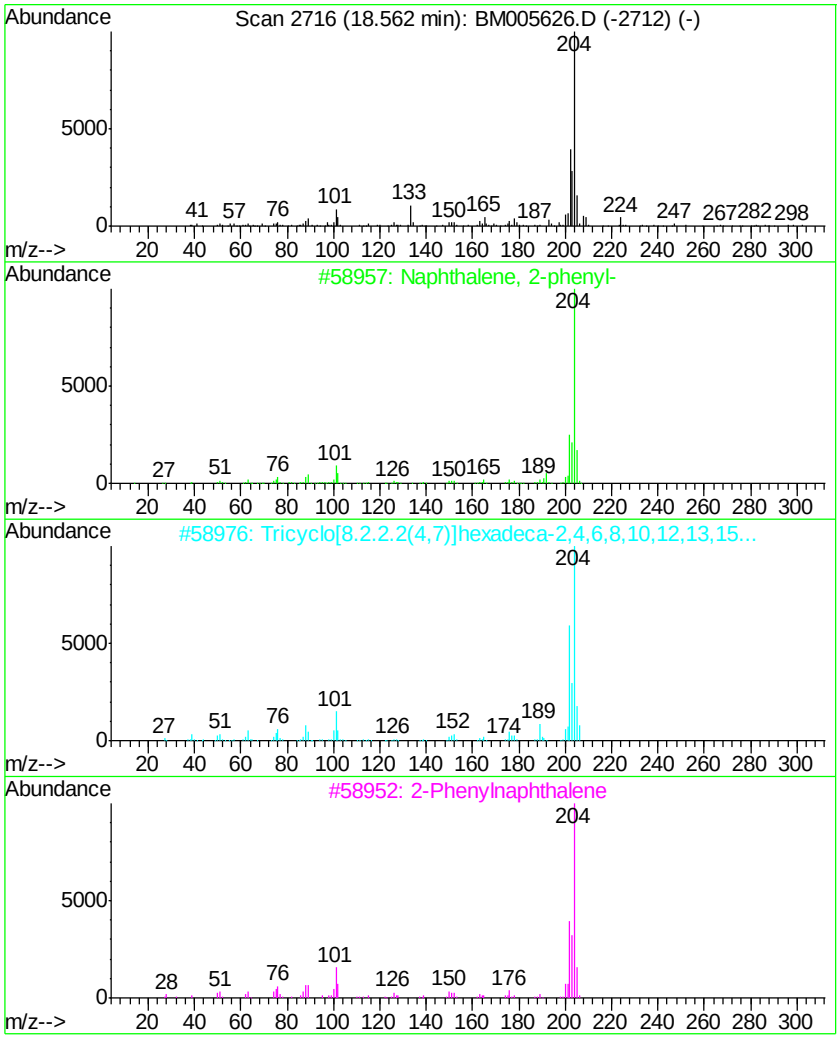
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

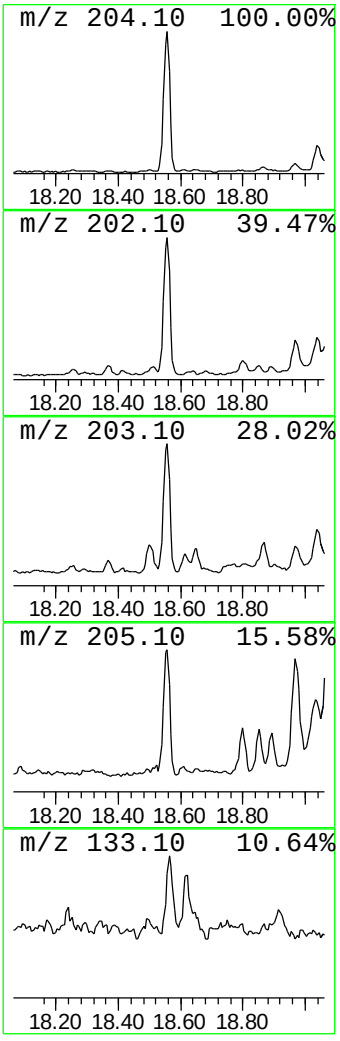
****

Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	4.46 ng/ul	441149	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
3	2-Phenylnaphthalene	204	C16H12	035465-71-5	76
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005626.D
Acq On : 24 May 2016 01:52
Operator : UM/SJ
Sample : H3124-03RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGG0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

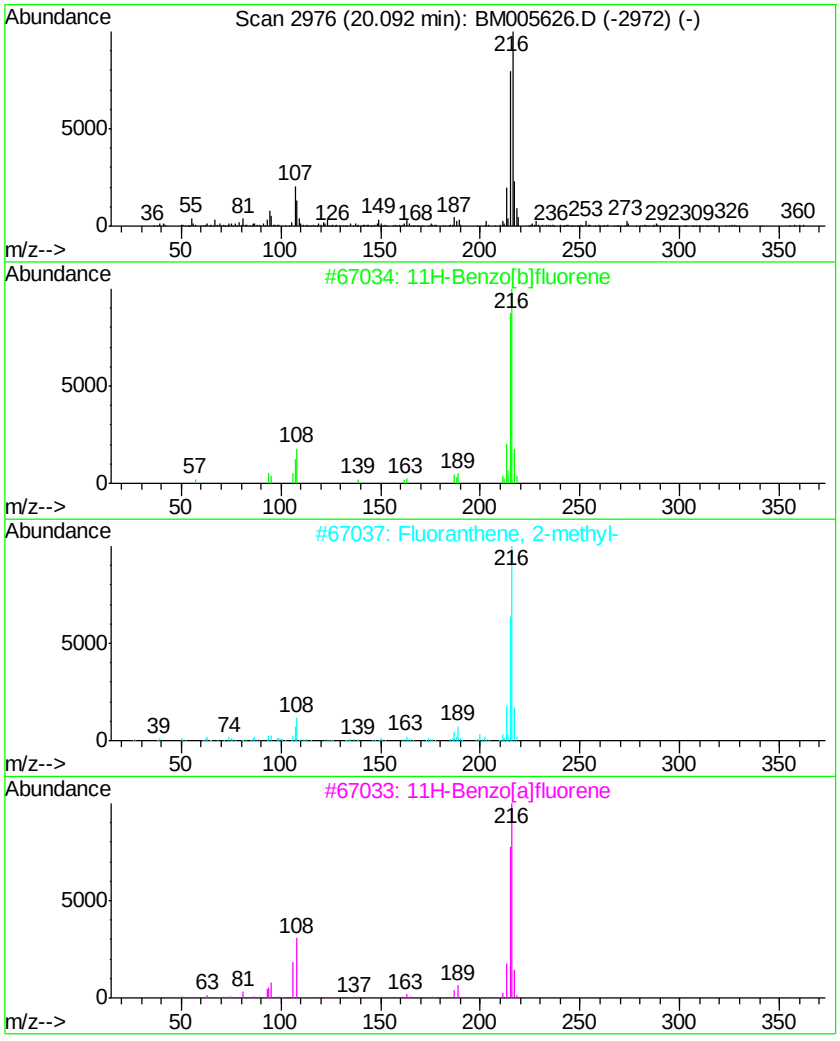
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

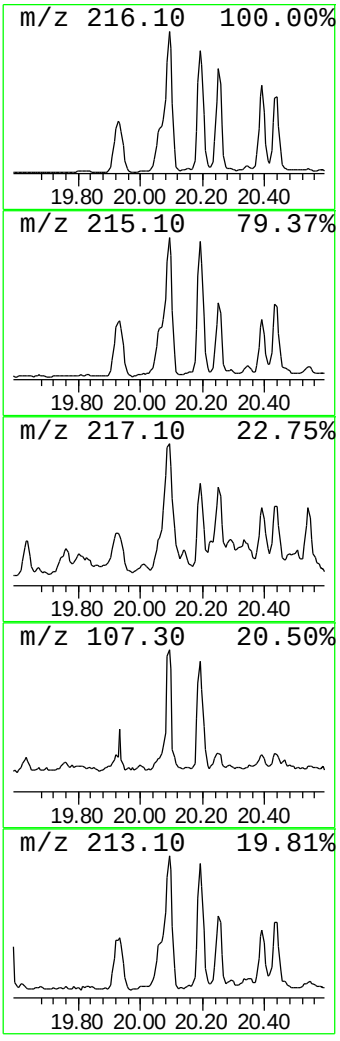
****

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	5.36 ng/ul	1165060	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005626.D
Acq On : 24 May 2016 01:52
Operator : UM/SJ
Sample : H3124-03RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGG0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

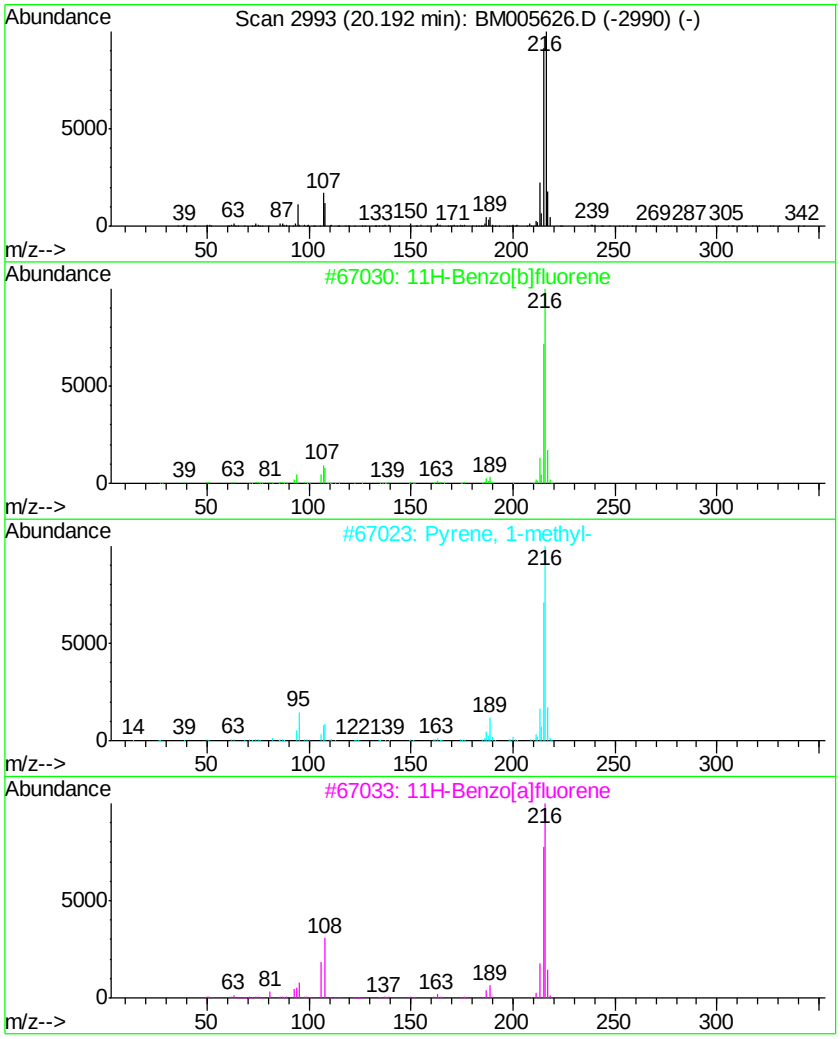
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

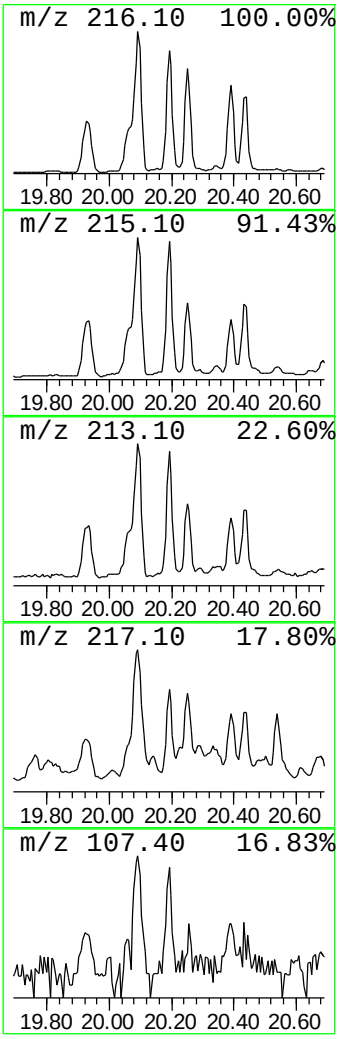
****

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.19	2.38 ng/ul	517354	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005626.D
Acq On : 24 May 2016 01:52
Operator : UM/SJ
Sample : H3124-03RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGG0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

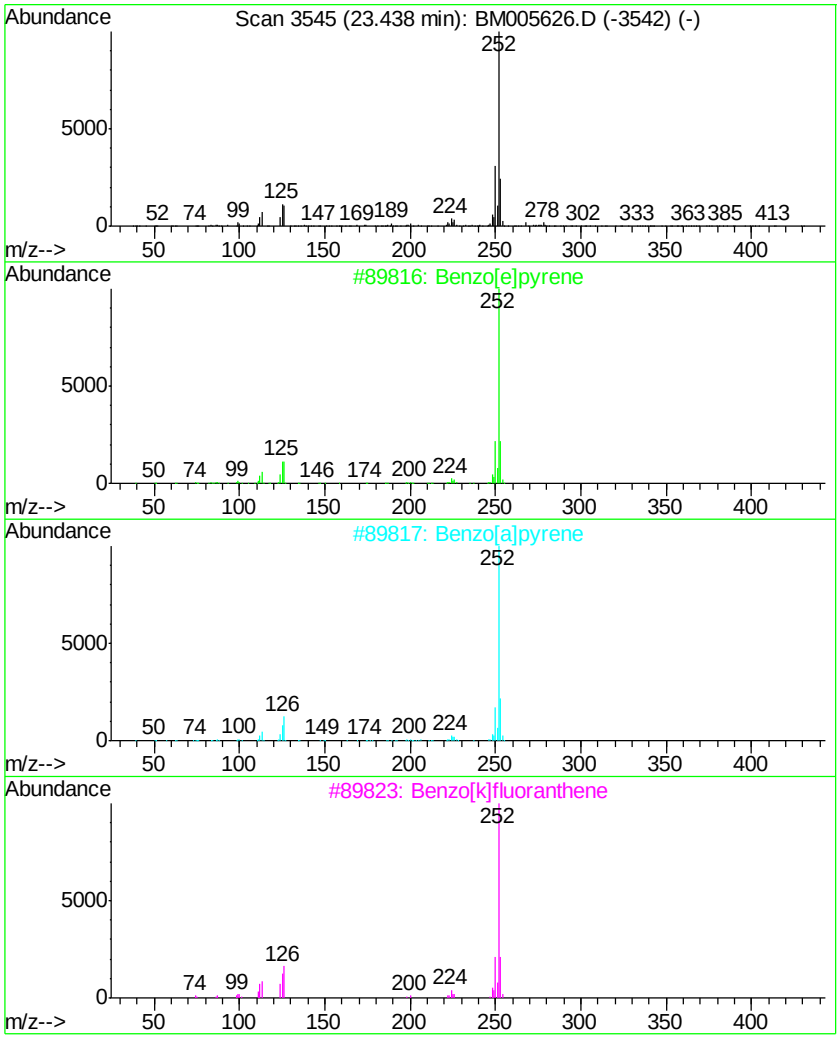
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

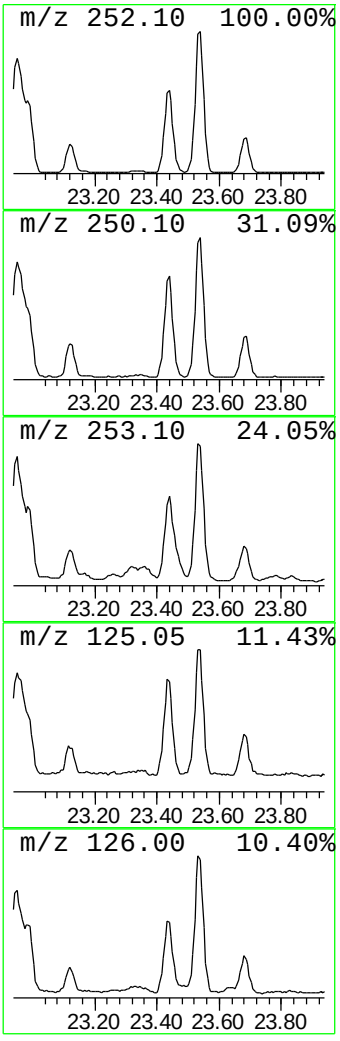
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.44	7.78 ng/ul	518508	Perylene-d12	23.63

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	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Perylene	252	C20H12	000198-55-0	94
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005626.D
Acq On : 24 May 2016 01:52
Operator : UM/SJ
Sample : H3124-03RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGG0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
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...	8.35	2.3	ng/ul	148185	1	7.80	1268220	20.0
(DEL) Alkane: Cyc...	8.89	2.6	ng/ul	164981	1	7.80	1268220	20.0
(DEL) Alkane: Bra...	9.77	2.3	ng/ul	240889	2	10.59	2113780	20.0
(DEL) Alkane: Cyc...	11.07	2.4	ng/ul	257784	2	10.59	2113780	20.0
(DEL) Alkane: Bra...	11.26	3.2	ng/ul	342436	2	10.59	2113780	20.0
(DEL) Alkane: Str...	11.61	2.3	ng/ul	244508	2	10.59	2113780	20.0
(DEL) Alkane: Cyc...	11.87	2.1	ng/ul	220817	2	10.59	2113780	20.0
Benzocycloheptatr...	12.47	4.0	ng/ul	420816	2	10.59	2113780	20.0
Naphthalene, 1,2,...	12.64	2.8	ng/ul	282531	3	14.44	2022360	20.0
(DEL) Alkane: Bra...	12.87	2.7	ng/ul	276457	3	14.44	2022360	20.0
(DEL) Alkane: Str...	12.97	5.2	ng/ul	529682	3	14.44	2022360	20.0
unknown-01	13.96	2.1	ng/ul	213259	3	14.44	2022360	20.0
(DEL) Alkane: Cyc...	14.27	4.0	ng/ul	403190	3	14.44	2022360	20.0
1H-Cyclopropa[l]p...	18.06	4.6	ng/ul	455982	4	17.18	1976910	20.0
Naphthalene, 2-ph...	18.56	4.5	ng/ul	441149	4	17.18	1976910	20.0
11H-Benzo[b]fluorene	20.09	5.4	ng/ul	1165060	5	21.36	4347940	20.0
Pyrene, 1-methyl-	20.19	2.4	ng/ul	517354	5	21.36	4347940	20.0
Benzo[e]pyrene	23.44	7.8	ng/ul	518508	6	23.63	1333600	20.0