LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001376.D
Acq On : 23 Dec 2019 19:38
Operator : JU
Sample : K6401-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B37

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BP121919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.387	35	51	68	rVB	802842	1463390	1.46%	0.167%
2	4.040	319	332	352	rBV2	439001	1411769	1.41%	0.161%
3	4.840	458	468	487	rBV	1007095	3227314	3.22%	0.368%
4	5.546	582	588	597	rBV2	771404	2309917	2.31%	0.263%
5	5.628	598	602	631	rVB3	702062	2860718	2.86%	0.326%
6	5.934	646	654	657	rBV5	400476	1017324	1.02%	0.116%
7	6.052	661	674	681	rBV	6942252	30014551	29.96%	3.420%
8	6.263	693	710	711	rBV3	14929711	51501083	51.40%	5.868%
9	6.499	744	750	754	rBV2	600514	1388352	1.39%	0.158%
10	6.669	755	779	782	rVV2	16230331	60354661	60.24%	6.877%
11	6.805	782	802	810	rVB	14957340	66770126	66.64%	7.608%
12	6.910	811	820	826	rBV3	3096736	8859096	8.84%	1.009%
13	7.010	826	837	842	rBV4	1617240	6598023	6.59%	0.752%
14	7.099	844	852	860	rBV3	3508750	10831811	10.81%	1.234%
15	7.275	870	882	889	rBV6	6688744	32465501	32.40%	3.699%
16	7.563	920	931	933	rBV5	3075019	10425491	10.41%	1.188%
17	8.016	1003	1008	1010	rBV3	2276377	4137303	4.13%	0.471%
18	8.399	1065	1073	1079	rBV4	5671625	18511850	18.48%	2.109%
19	8.546	1080	1098	1101	rVV5	14508735	66408892	66.28%	7.567%
20	8.587	1101	1105	1111	rVV3	7583271	17796193	17.76%	2.028%
21	8.693	1115	1123	1125	rVV	12426502	26773757	26.72%	3.051%
22	8.722	1125	1128	1133	rVB3	12907026	19770361	19.73%	2.253%
23	8.887	1138	1156	1159	rBV2	9969700	41560561	41.48%	4.736%
24	8.951	1159	1167	1176	rVV9	13460560	58600802	58.49%	6.677%
25	9.051	1176	1184	1189	rVV2	13848749	40321057	40.24%	4.594%
26	9.116	1189	1195	1199	rVB	12847925	23365687	23.32%	2.662%
27	9.181	1199	1206	1209	rBV4	3218041	6911916	6.90%	0.788%
28	9.216	1209	1212	1215	rVB	3650427	4485252	4.48%	0.511%
29	9.281	1215	1223	1230	rBV2	7703876	18137819	18.10%	2.067%
30	9.351	1233	1235	1237	rVB	2139449	1701628	1.70%	0.194%
31	9.481	1237	1257	1261	rBV	19925655	100189035	100.00%	11.416%
32	9.587	1266	1275	1279	rVV4	5652214	15322030	15.29%	1.746%
33	9.646	1279	1285	1289	rVV5	4972754	10197433	10.18%	1.162%
34	9.693	1289	1293	1301	rVB3	6695776	13638018	13.61%	1.554%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001376.D
Acq On : 23 Dec 2019 19:38
Operator : JU
Sample : K6401-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B37

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BP121919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.763	1301	1305	1308	rBV	1402419	1844459	1.84%	0.210%
36	9.822	1312	1315	1316	rVV	1145771	1326360	1.32%	0.151%
37	9.857	1316	1321	1325	rVV3	5021745	8961595	8.94%	1.021%
38	9.898	1325	1328	1331	rVB2	5193233	5813506	5.80%	0.662%
39	9.975	1331	1341	1343	rBV4	4417000	7688022	7.67%	0.876%
40	10.016	1343	1348	1351	rVB4	5347949	7945629	7.93%	0.905%
41	10.075	1351	1358	1363	rVB2	6601309	9491913	9.47%	1.082%
42	10.140	1363	1369	1378	rVB4	5176586	8213065	8.20%	0.936%
43	10.222	1378	1383	1387	rVB	964234	1278785	1.28%	0.146%
44	10.398	1409	1413	1414	rBV2	1155935	1353108	1.35%	0.154%
45	10.445	1414	1421	1424	rVV2	8512874	16946289	16.91%	1.931%
46	10.551	1435	1439	1444	rVB2	1271892	1409766	1.41%	0.161%
47	11.122	1529	1536	1543	rBV	627356	1062394	1.06%	0.121%
48	11.404	1579	1584	1587	rVB	1739108	2041933	2.04%	0.233%
49	12.122	1698	1706	1710	rBV	1286858	1695032	1.69%	0.193%
50	13.198	1884	1889	1893	rBV3	730339	1019426	1.02%	0.116%
51	14.116	2040	2045	2052	rVB	819960	1061334	1.06%	0.121%
52	16.563	2457	2461	2465	rBV	1428060	1898608	1.90%	0.216%
53	16.616	2465	2470	2472	rBV	1784869	2501704	2.50%	0.285%
54	16.680	2477	2481	2486	rVB2	1762813	2264864	2.26%	0.258%
55	16.757	2486	2494	2496	rBV4	978235	2249143	2.24%	0.256%
56	16.857	2508	2511	2514	rVV	1302587	1683723	1.68%	0.192%
57	16.916	2518	2521	2526	rVB2	827575	1094239	1.09%	0.125%
58	17.904	2685	2689	2693	rVB	1517966	1726404	1.72%	0.197%
59	19.133	2892	2898	2899	rBV3	587197	1148384	1.15%	0.131%
60	19.698	2990	2994	3000	rVB	957316	1504077	1.50%	0.171%
61	20.092	3056	3061	3068	rBV2	1440401	3070398	3.06%	0.350%

Sum of corrected areas: 877622881

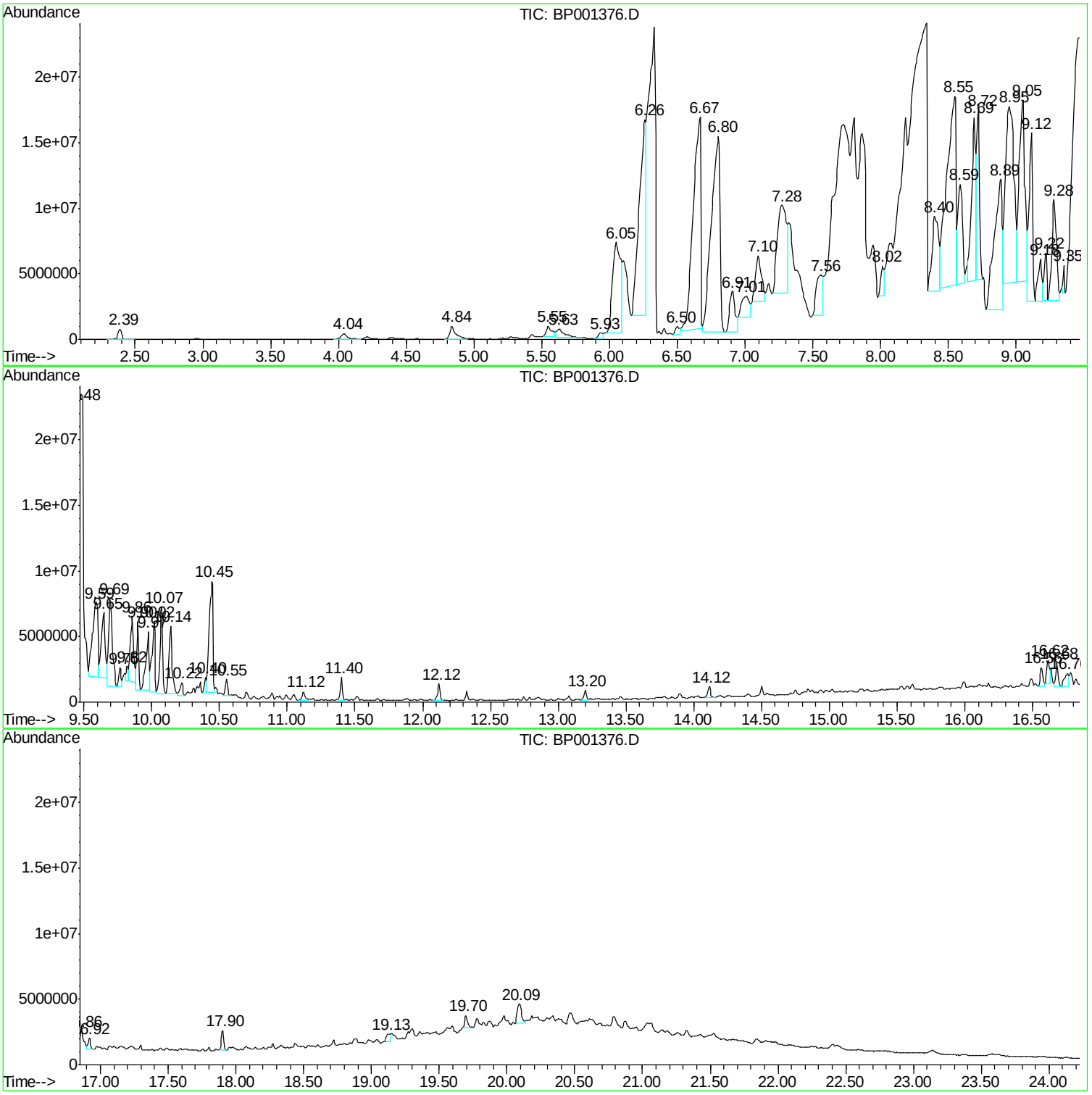
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001376.D
Acq On : 23 Dec 2019 19:38
Operator : JU
Sample : K6401-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001376.D
Acq On : 23 Dec 2019 19:38
Operator : JU
Sample : K6401-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

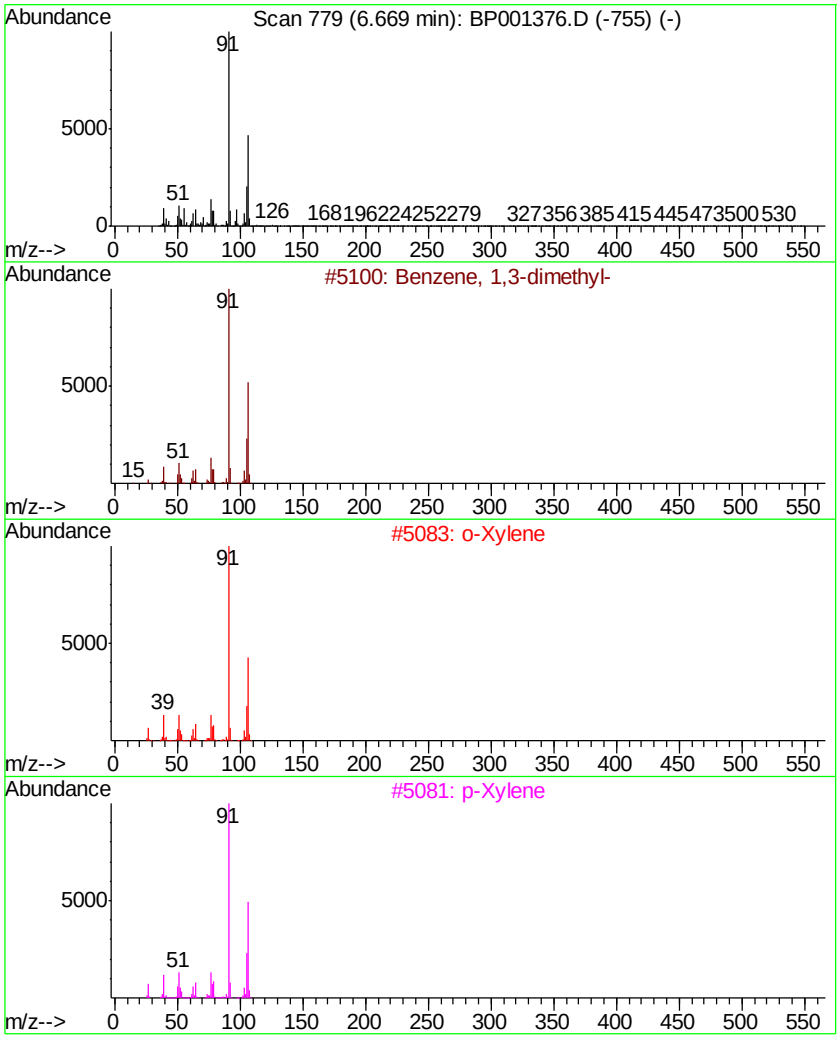
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

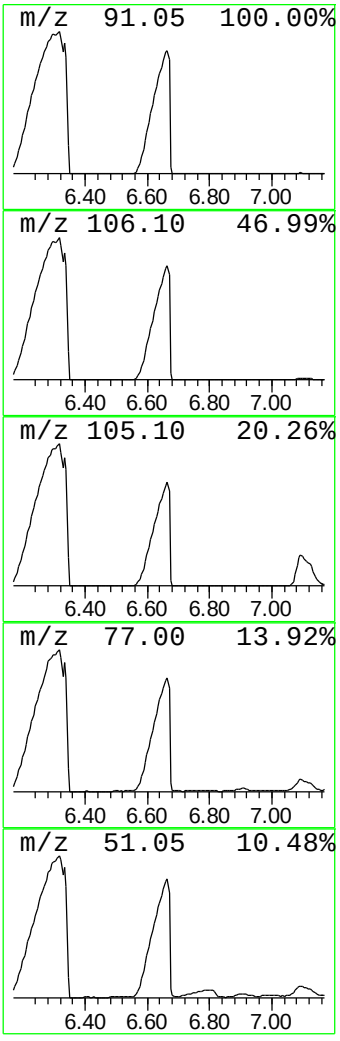
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	65.21 ng	60354700	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	87
5	Ethylbenzene	106	C8H10	000100-41-4	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001376.D
Acq On : 23 Dec 2019 19:38
Operator : JU
Sample : K6401-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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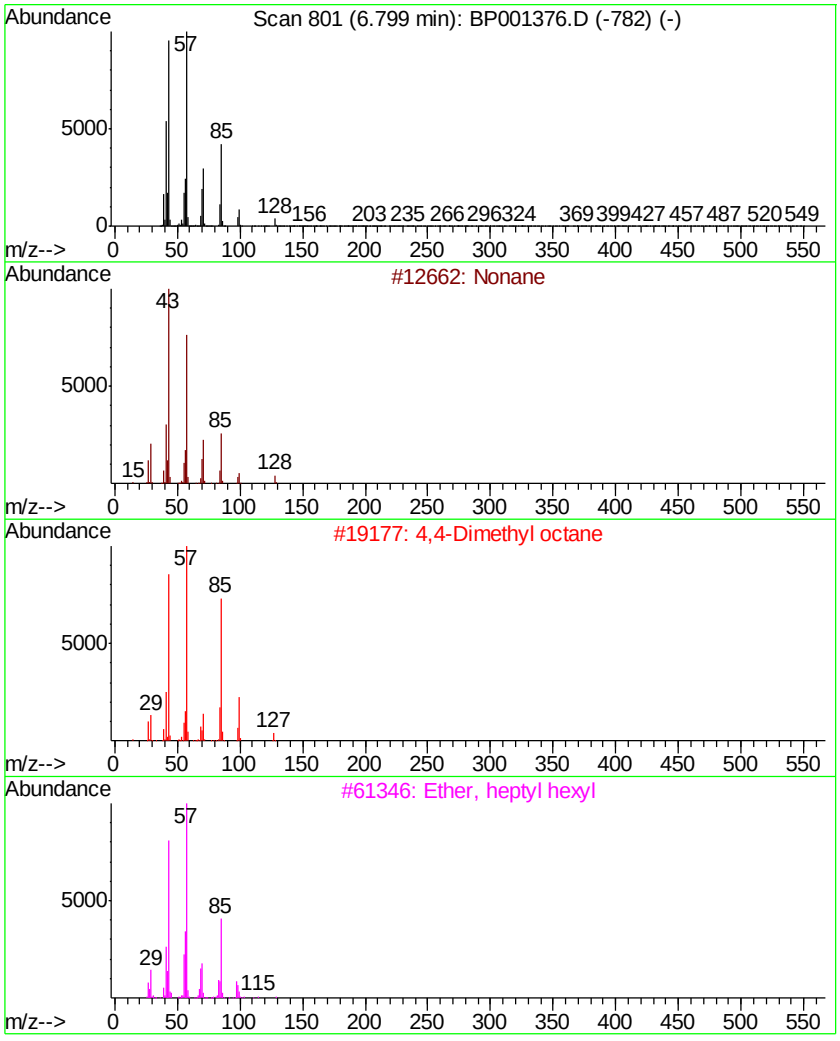
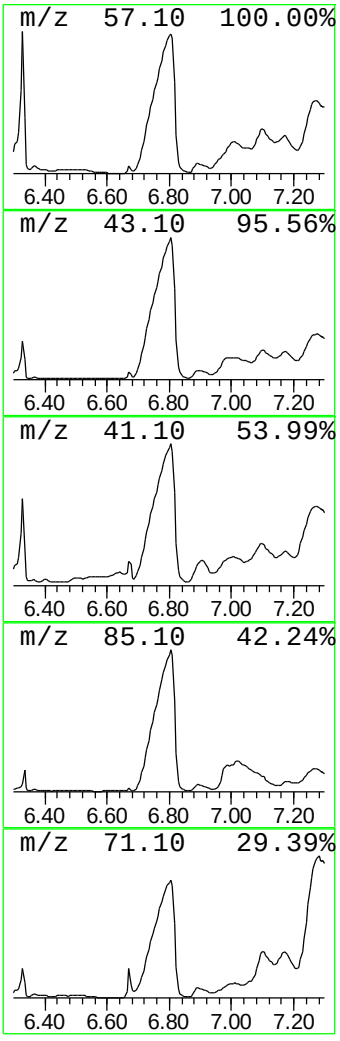
Peak Number 3 Nonane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	72.14 ng	66770100	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	94
2	4,4-Dimethyl octane	142	C10H22	015869-95-1	59
3	Ether, heptyl hexyl	200	C13H28O	007289-40-9	59
4	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	59
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001376.D
Acq On : 23 Dec 2019 19:38
Operator : JU
Sample : K6401-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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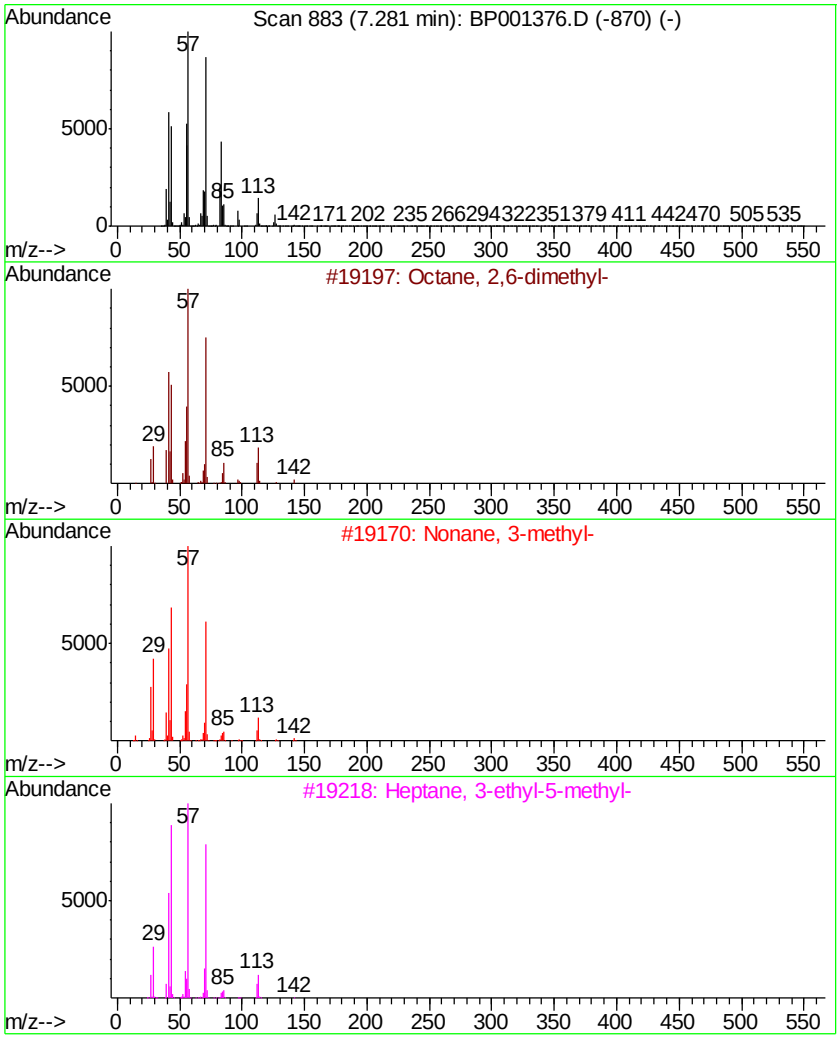
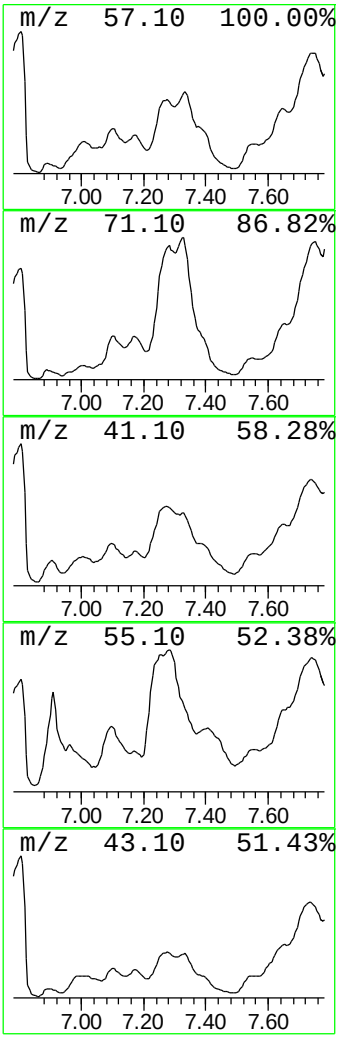
Peak Number 4 Octane, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	35.08 ng	32465500	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	52
3	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	49
4	2,6-Dimethyldecane	170	C12H26	013150-81-7	47
5	3-Bromooctane	192	C8H17Br	000999-64-4	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001376.D
Acq On : 23 Dec 2019 19:38
Operator : JU
Sample : K6401-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

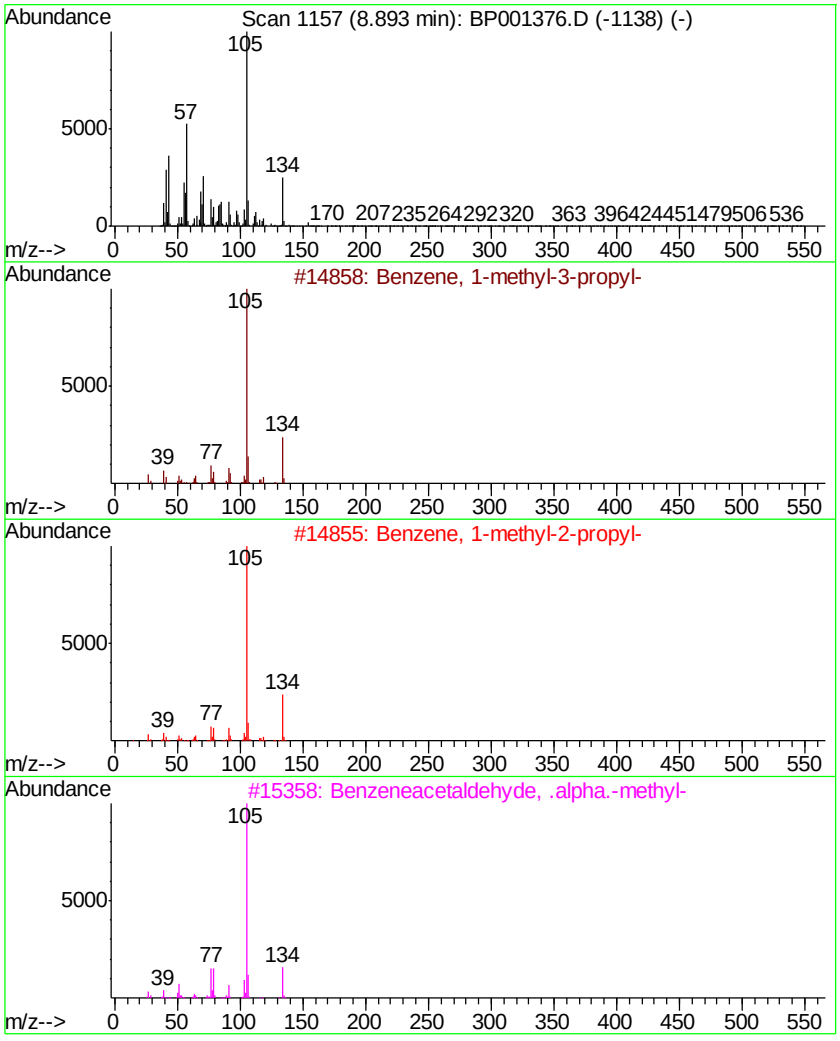
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

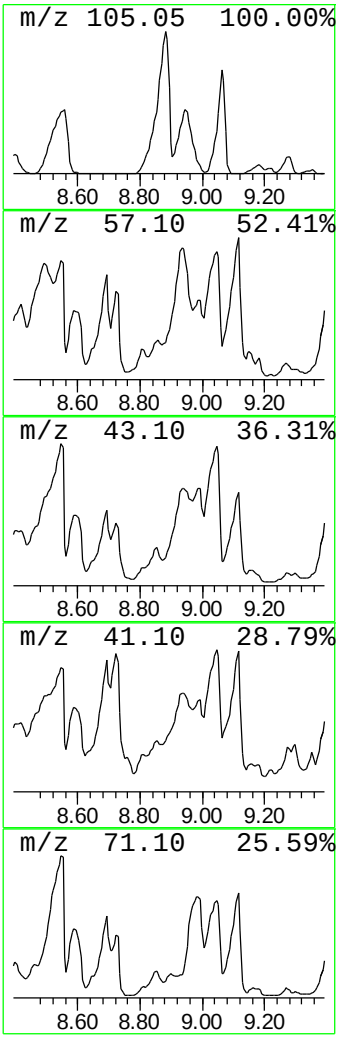
****

Peak Number 5 Benzene, 1-methyl-3-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	44.90 ng	41560600	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	76
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	70
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	70
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001376.D
Acq On : 23 Dec 2019 19:38
Operator : JU
Sample : K6401-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

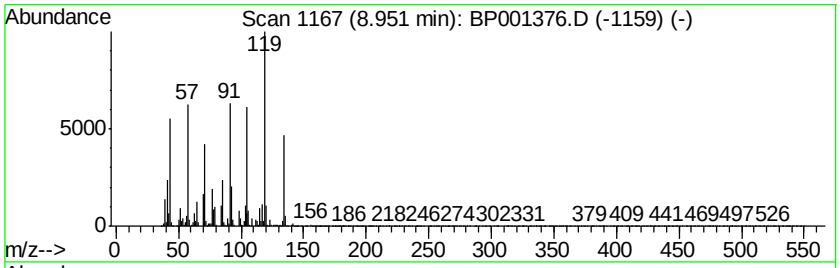
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

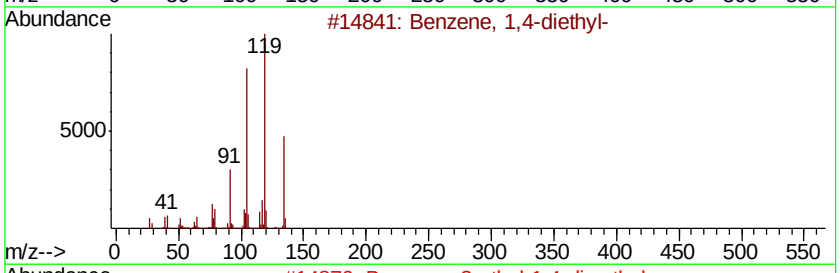
****

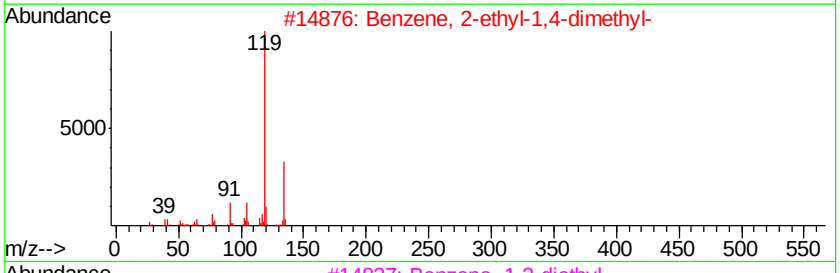
Peak Number 6 Benzene, 1,4-diethyl- Concentration Rank 11

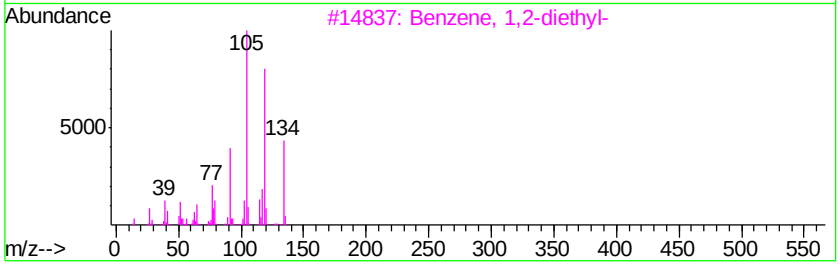
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	63.31 ng	58600800	1,4-Dichlorobenzene-d4	8.42

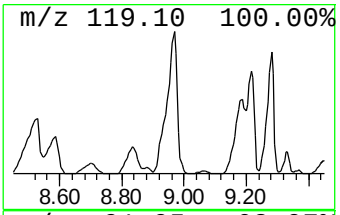
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	89
4	p-Cymene	134	C10H14	000099-87-6	87
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	83

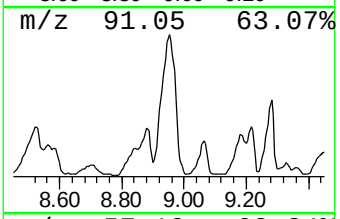


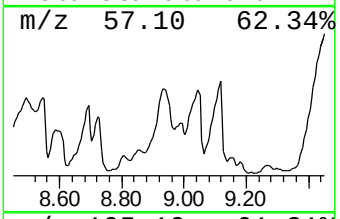


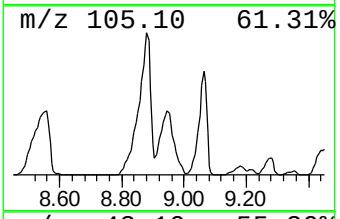


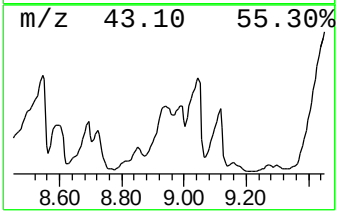












Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001376.D
Acq On : 23 Dec 2019 19:38
Operator : JU
Sample : K6401-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

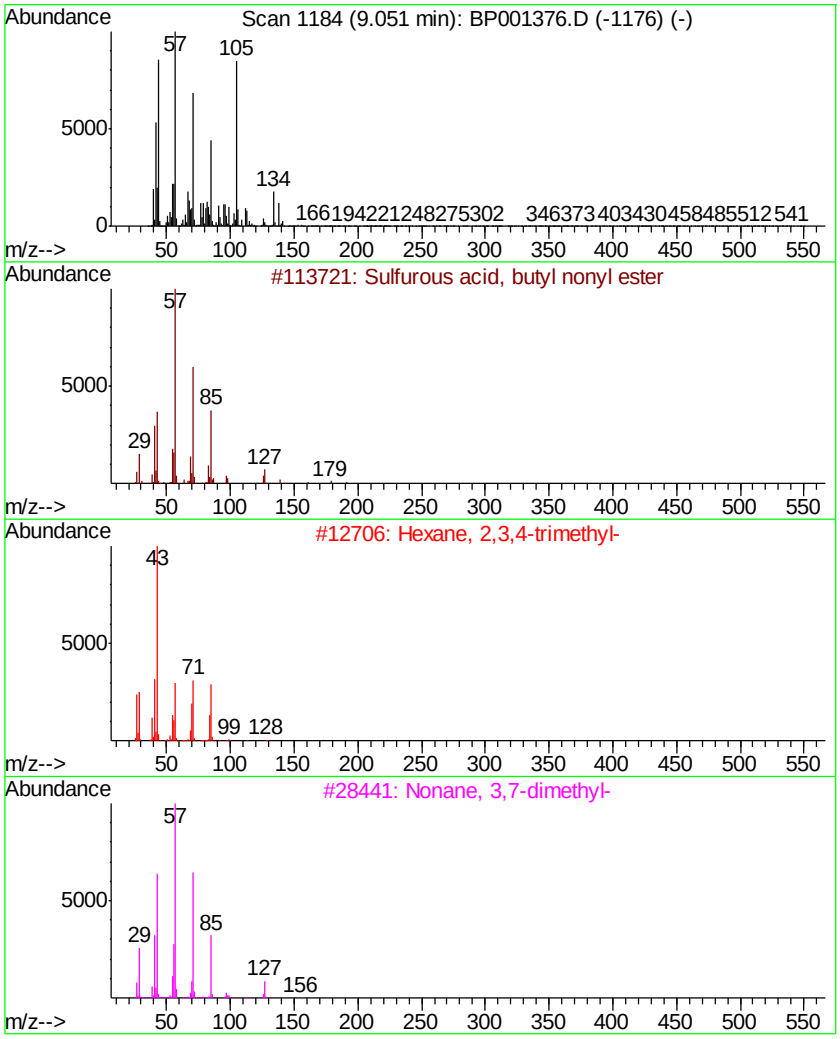
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

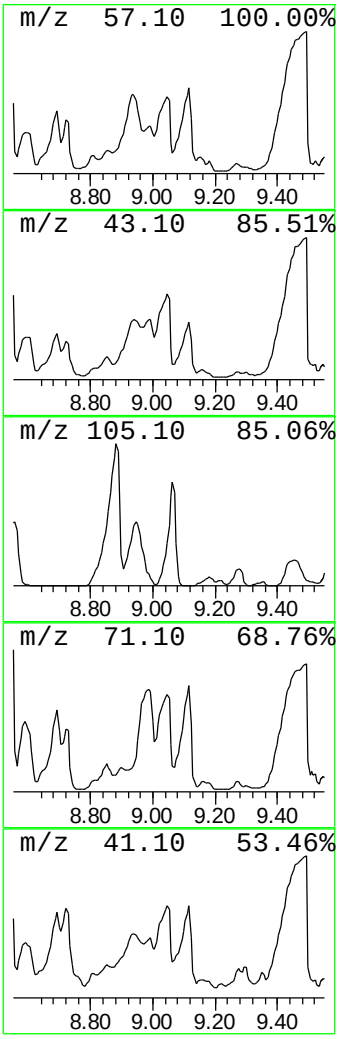
****

Peak Number 7 unknown9.05 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	43.56 ng	40321100	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	47
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	46
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	45
4	Heptadecane	240	C17H36	000629-78-7	43
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	43





Library Search Compound Report

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Acq On : 23 Dec 2019 19:38
Operator : JU
Sample : K6401-01
Misc :
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Instrument : BNA_P
ClientSampleId : C0B37

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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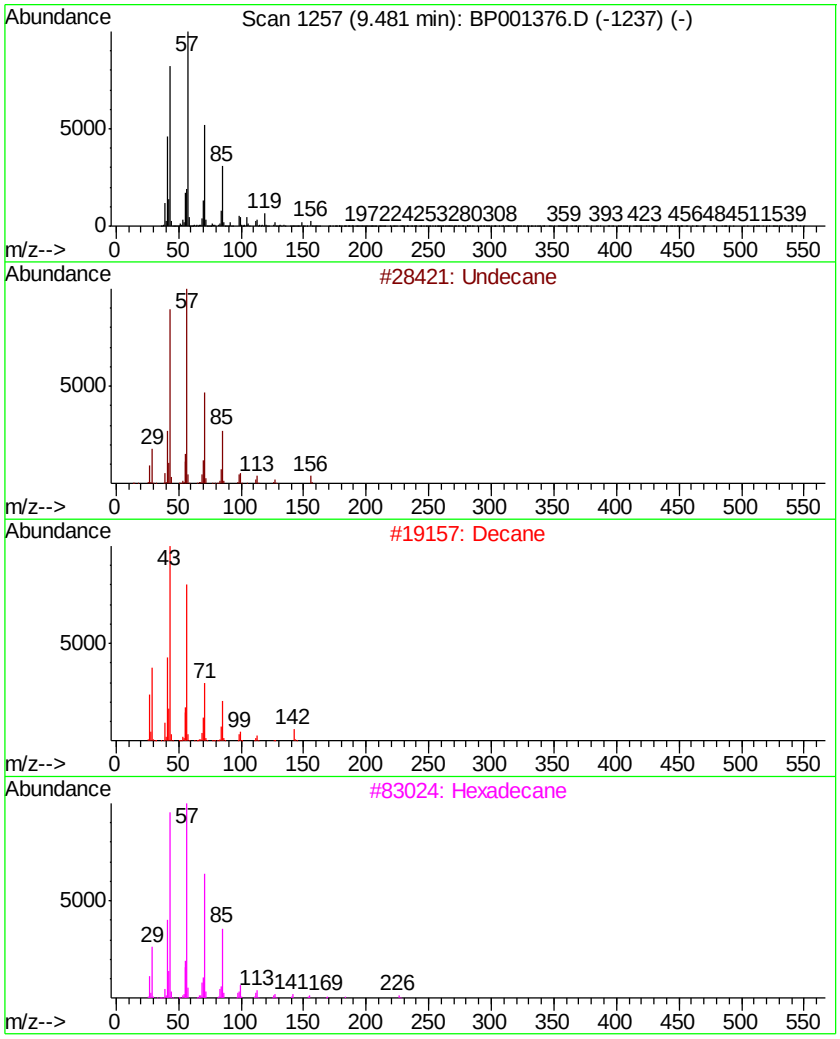
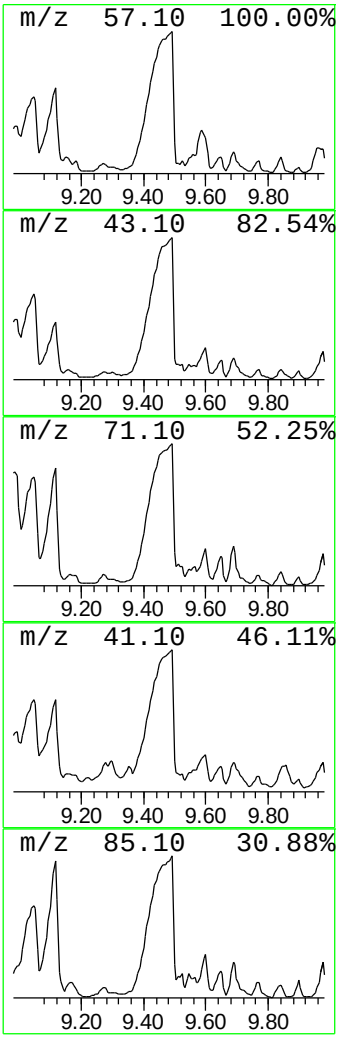
Peak Number 8 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	1480.87 ng	100189000	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	87
2	Decane	142	C10H22	000124-18-5	81
3	Hexadecane	226	C16H34	000544-76-3	80
4	Decane, 2-methyl-	156	C11H24	006975-98-0	80
5	Tridecane	184	C13H28	000629-50-5	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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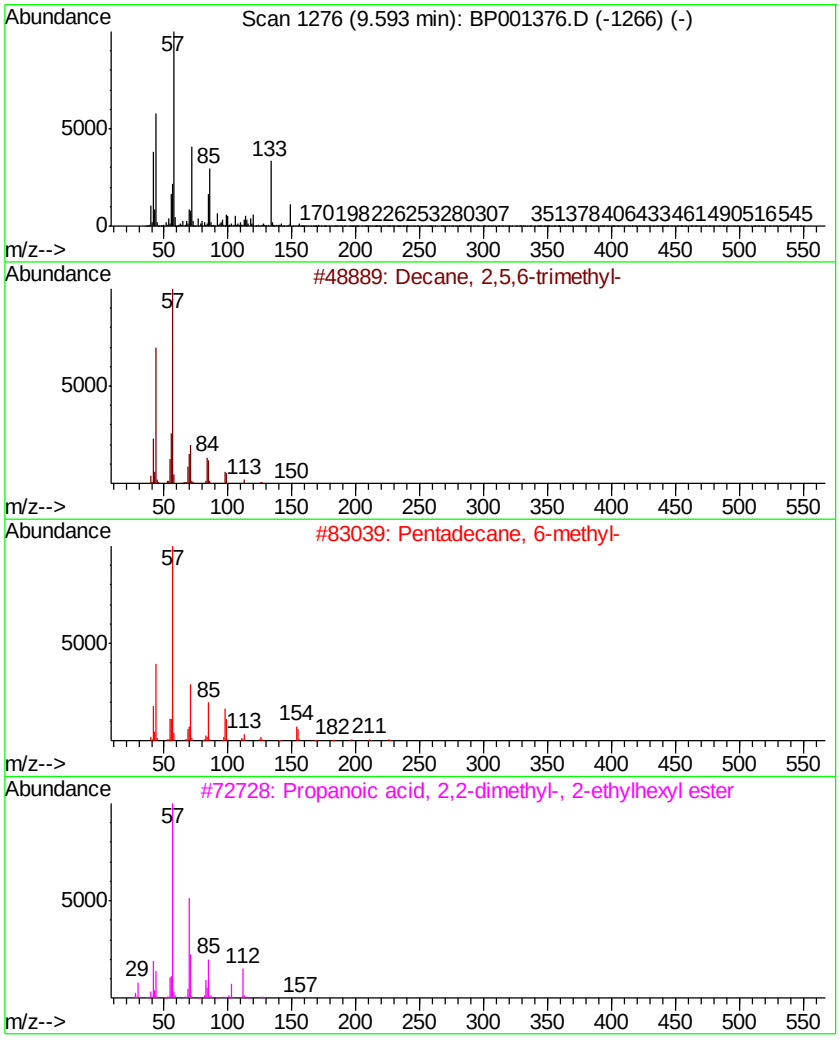
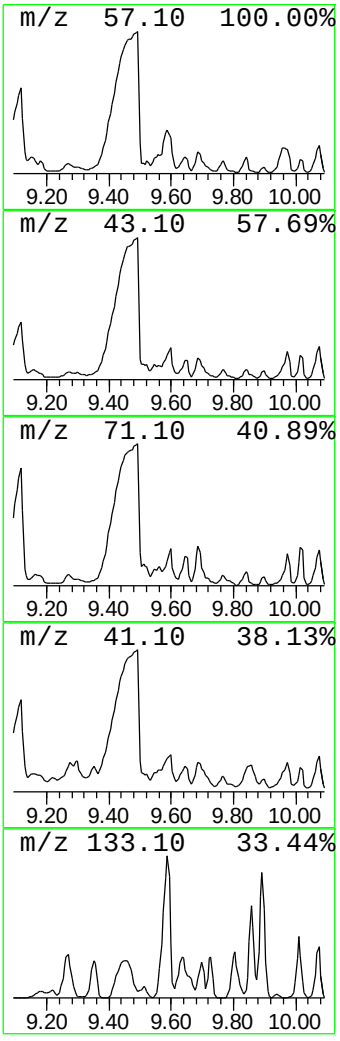
Peak Number 9 unknown9.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	226.47 ng	15322000	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	43
2	Pentadecane, 6-methyl-	226	C16H34	010105-38-1	43
3	Propanoic acid, 2,2-dimethyl-, 2...	214	C13H26O2	016387-18-1	35
4	Tetradecane, 2,5-dimethyl-	226	C16H34	056292-69-4	35
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	35





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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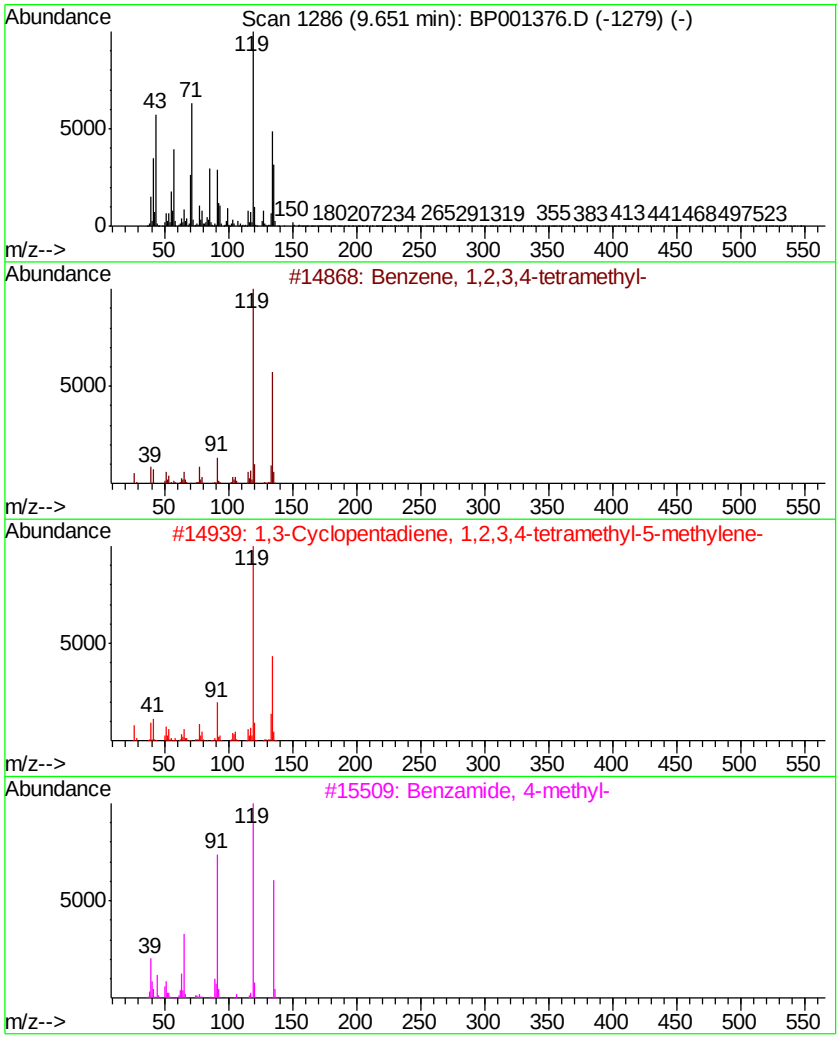
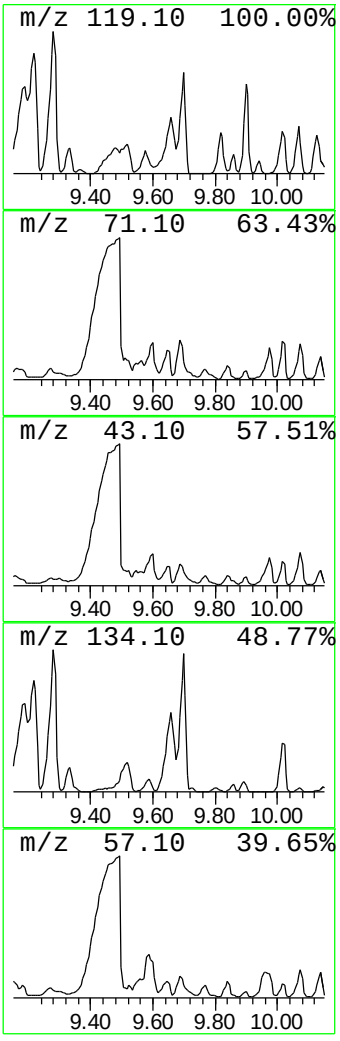
Peak Number 10 unknown9.65 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	150.73 ng	10197400	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	38
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	38
3	Benzamide, 4-methyl-	135	C8H9NO	000619-55-6	38
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	38
5	o-Cymene	134	C10H14	000527-84-4	38





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Instrument : BNA_P
ClientSampleId : C0B37

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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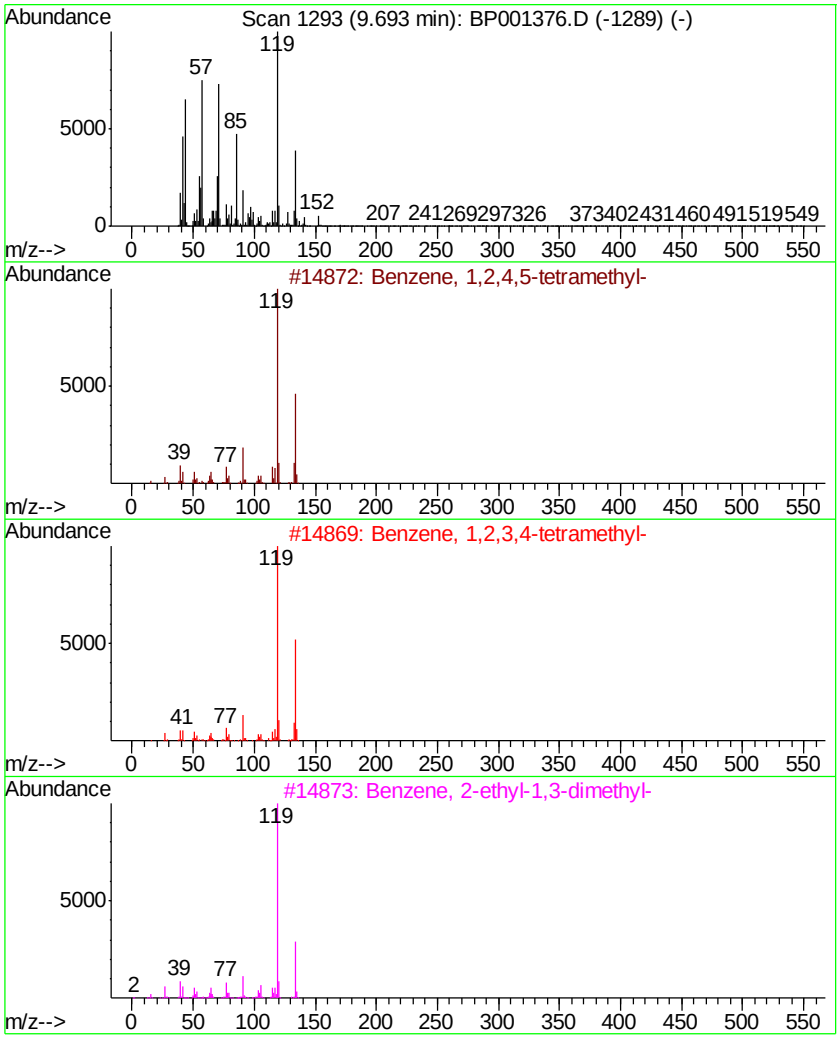
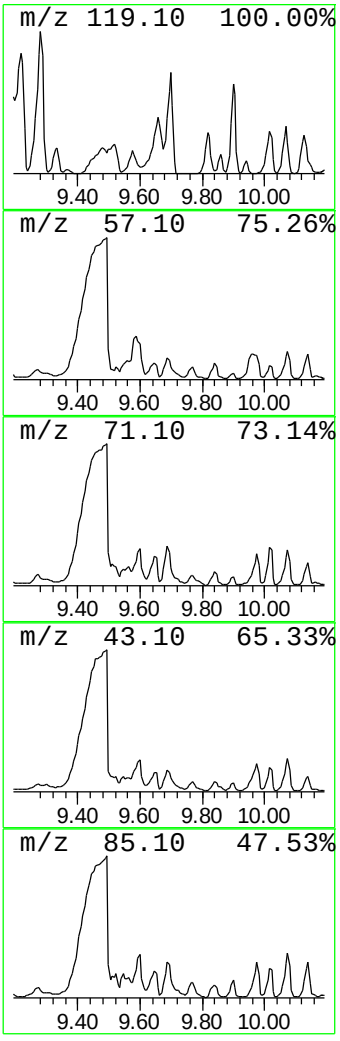
Peak Number 11 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	201.58 ng	13638000	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	83
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	80
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	80
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	55





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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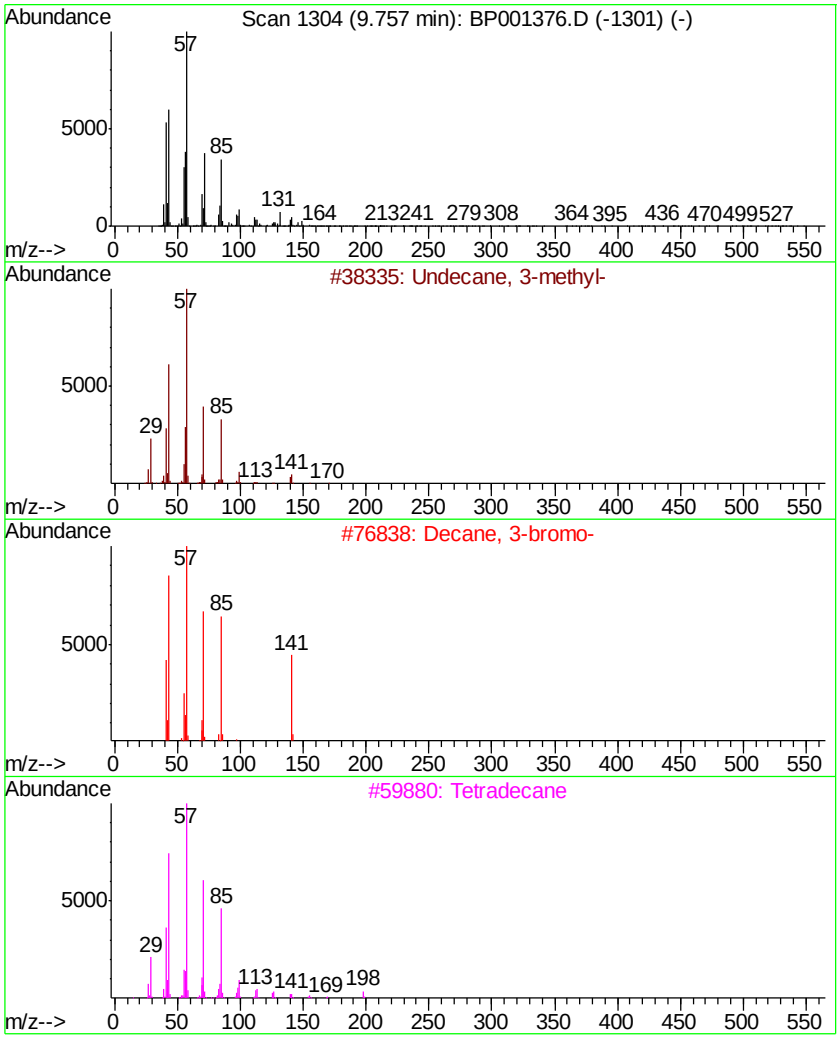
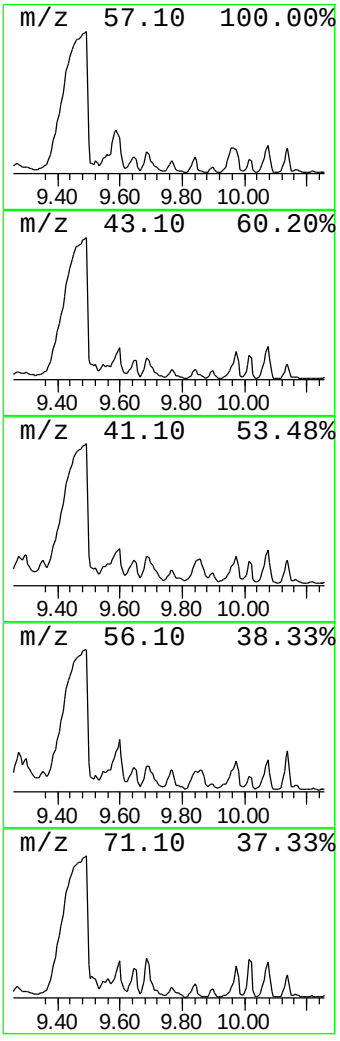
Peak Number 12 Decane, 3-bromo- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	27.26 ng	1844460	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	86
2	Decane, 3-bromo-	220	C10H21Br	030571-71-2	64
3	Tetradecane	198	C14H30	000629-59-4	64
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64
5	Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	59





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ClientSampleId : C0B37

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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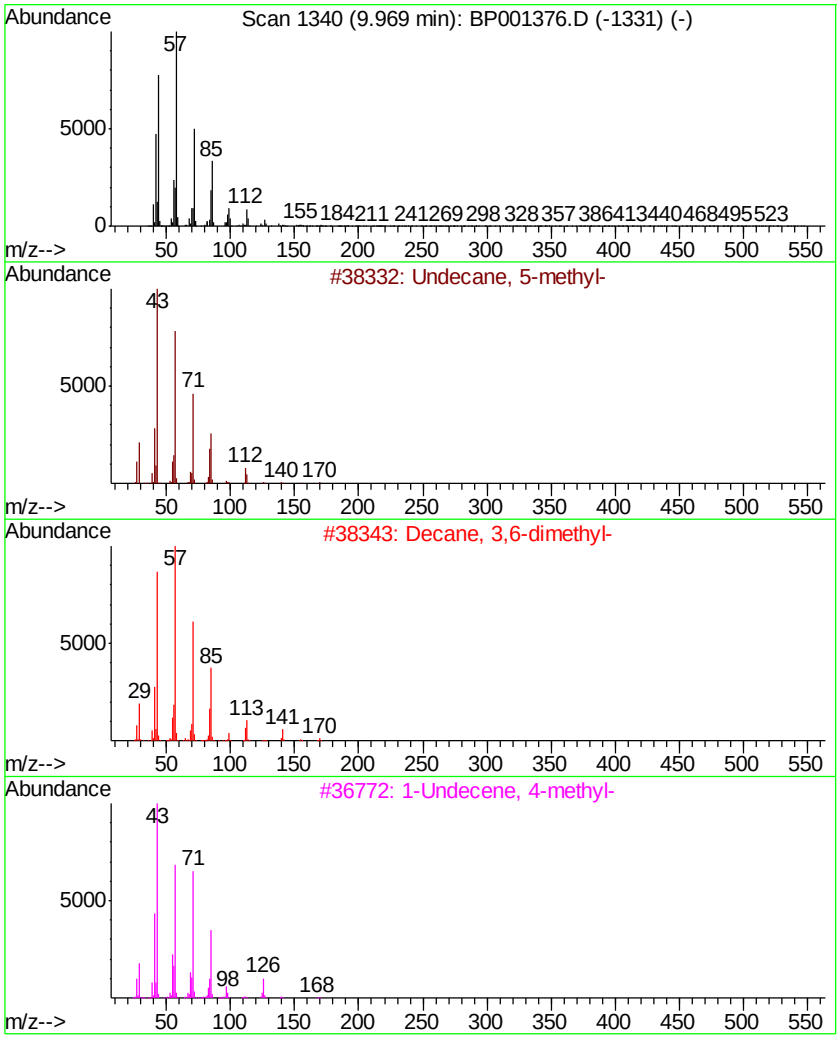
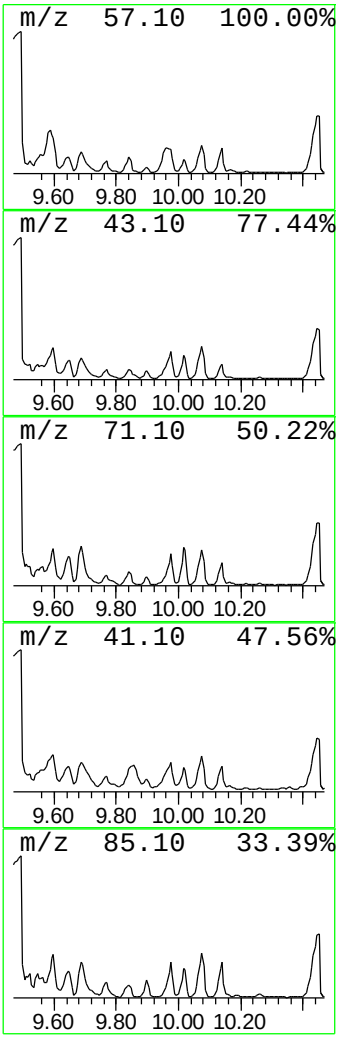
Peak Number 13 Undecane, 5-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	113.64 ng	7688020	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	81
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	72
3	1-Undecene, 4-methyl-	168	C12H24	074630-39-0	64
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	58





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Misc :
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Instrument : BNA_P
ClientSampleId : C0B37

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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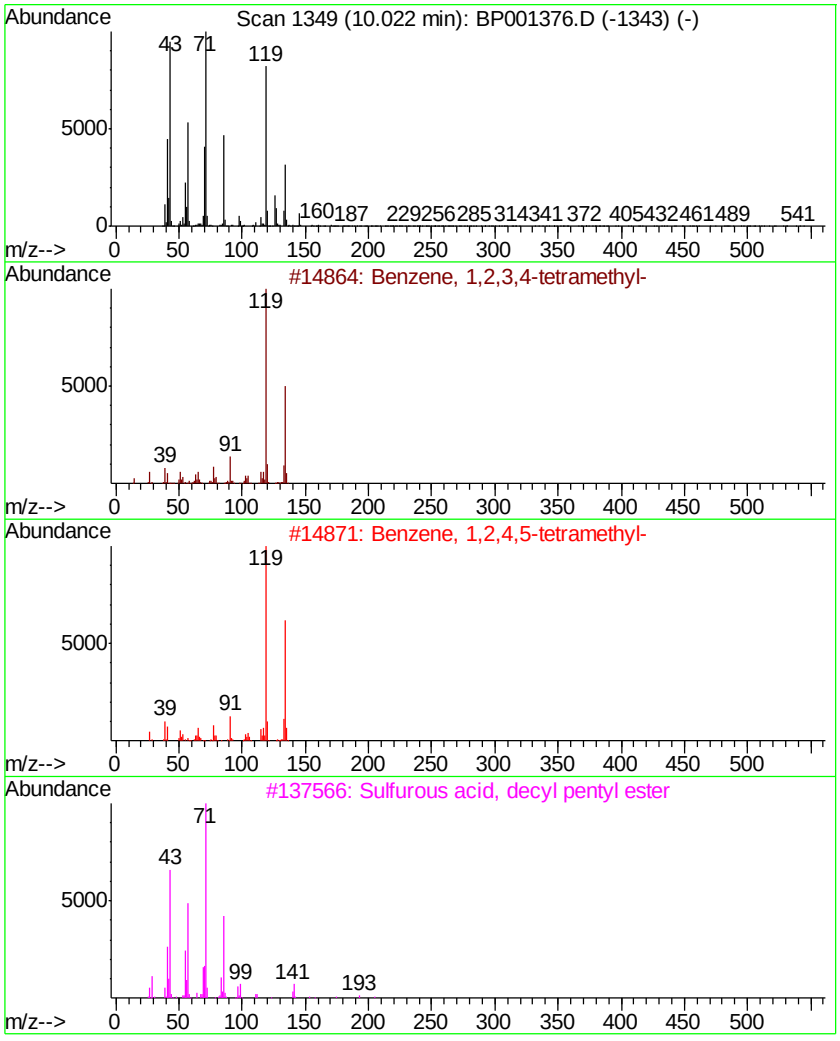
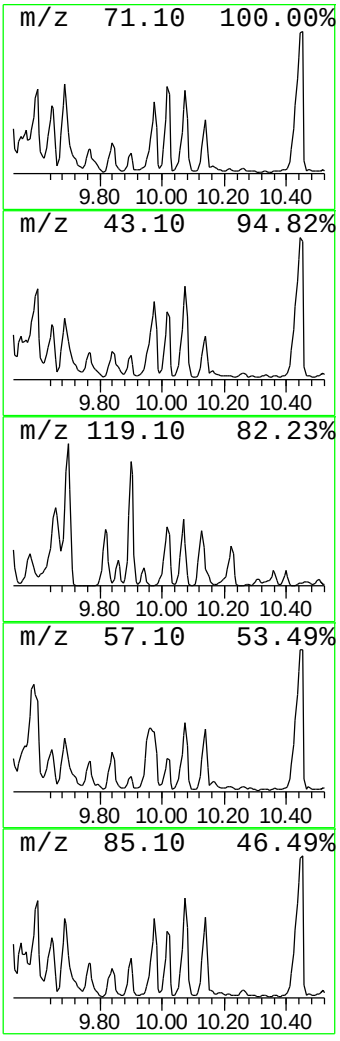
Peak Number 14 unknown10.02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	117.44 ng	7945630	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	30
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	30
3	Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	27
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	25
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	25





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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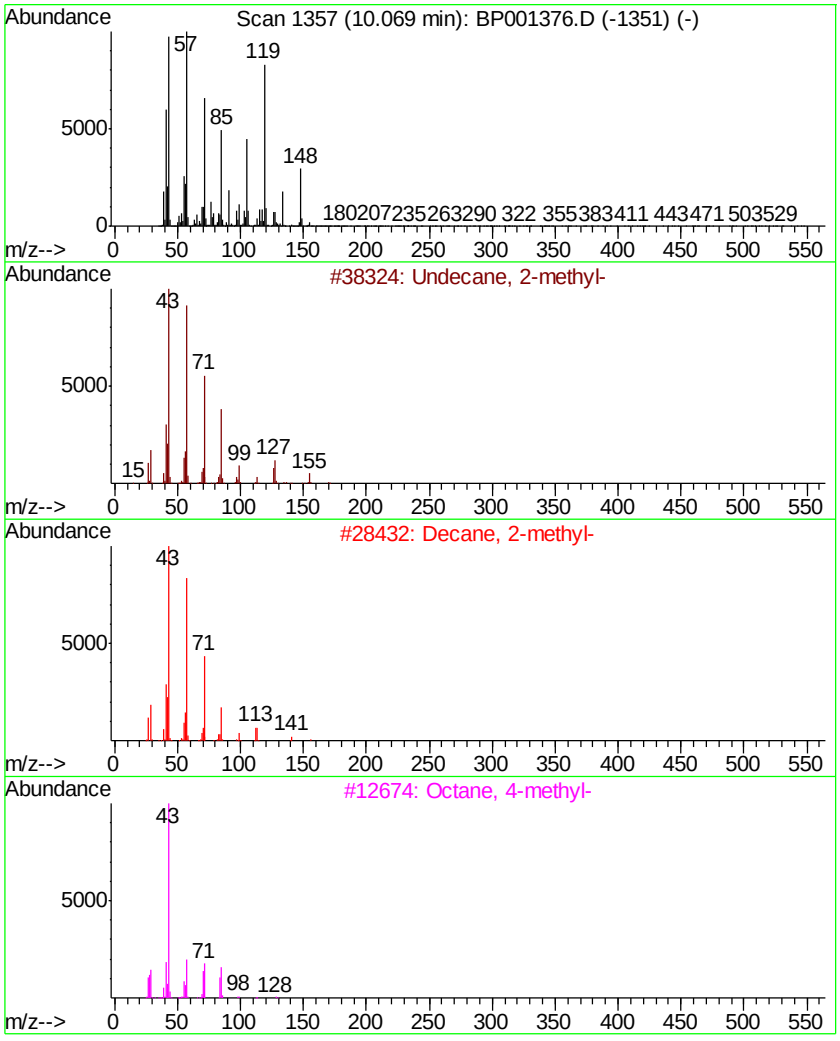
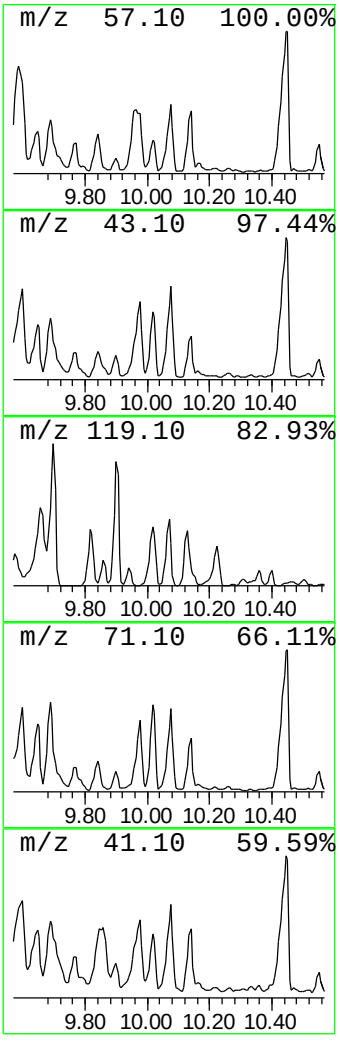
Peak Number 15 Undecane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	140.30 ng	9491910	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	50
2	Decane, 2-methyl-	156	C11H24	006975-98-0	49
3	Octane, 4-methyl-	128	C9H20	002216-34-4	46
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	46
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	43





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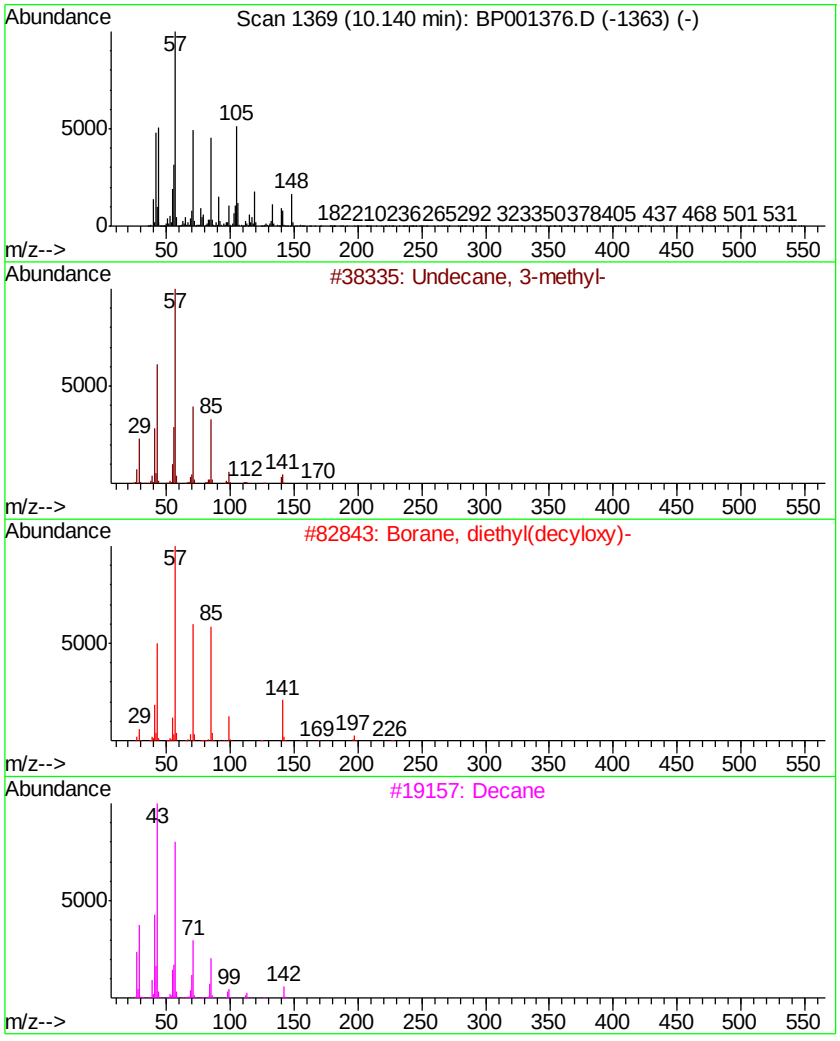
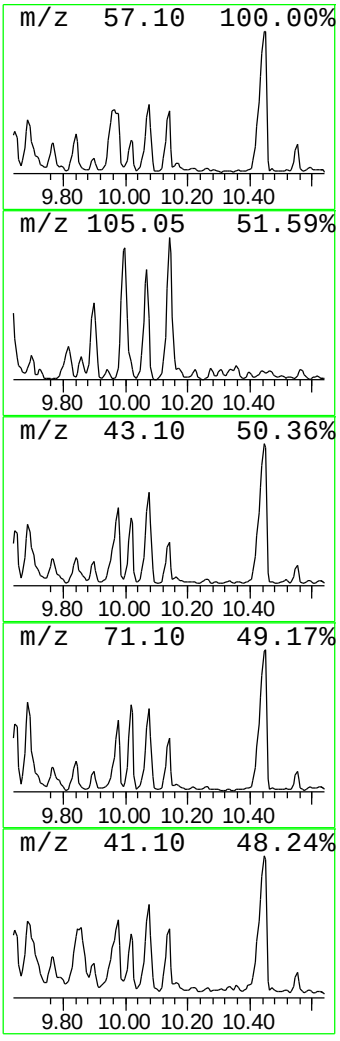
Peak Number 16 Undecane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	121.40 ng	8213070	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	52
2	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	50
3	Decane	142	C10H22	000124-18-5	50
4	5-Ethyldecane	170	C12H26	017302-36-2	43
5	Undecane, 5-ethyl-	184	C13H28	017453-94-0	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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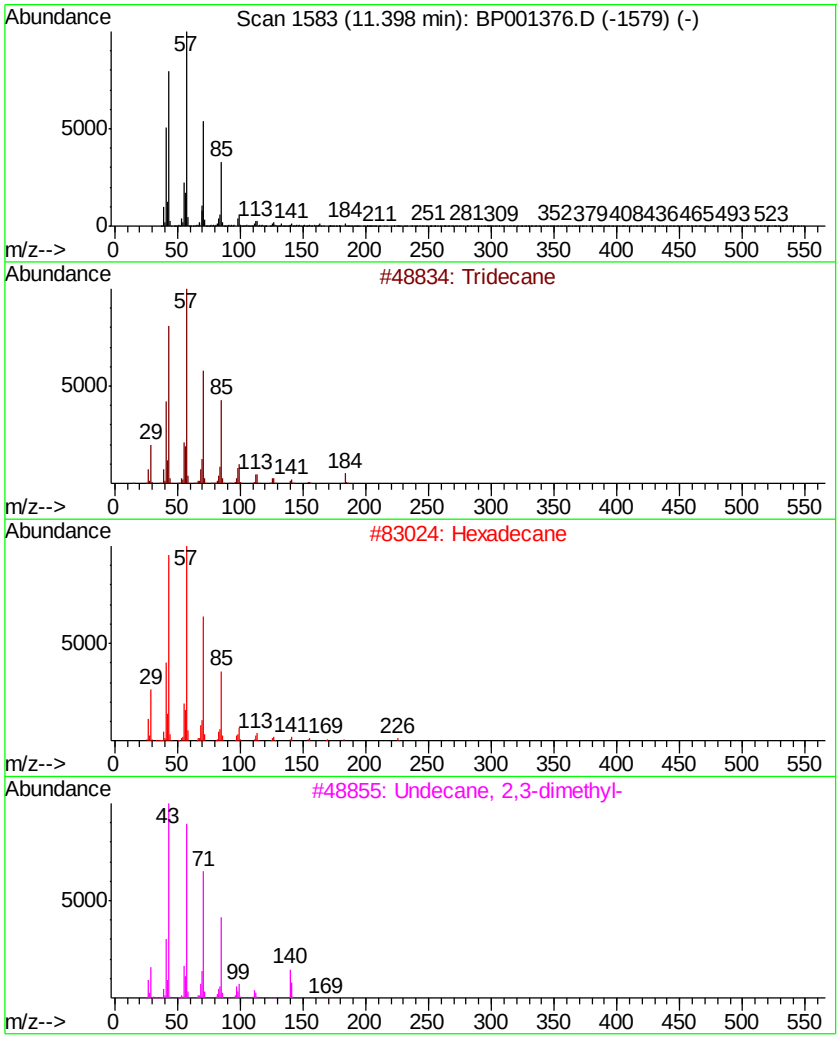
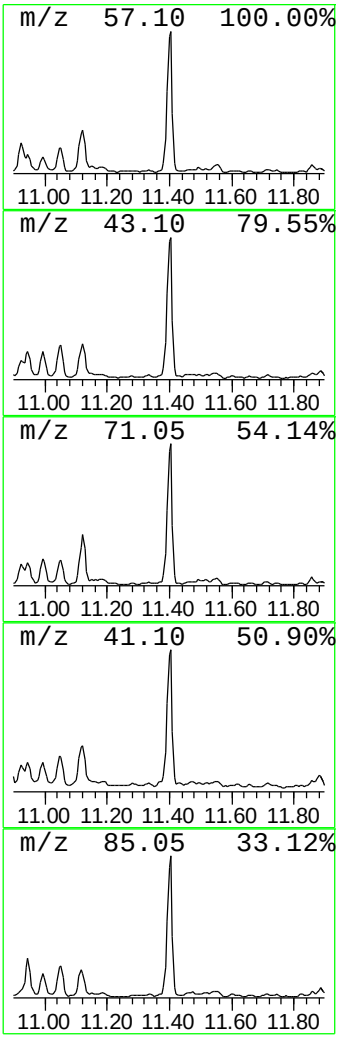
Peak Number 17 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	30.18 ng	2041930	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	97
2	Hexadecane	226	C16H34	000544-76-3	90
3	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Tetradecane	198	C14H30	000629-59-4	90





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ClientSampleId : C0B37

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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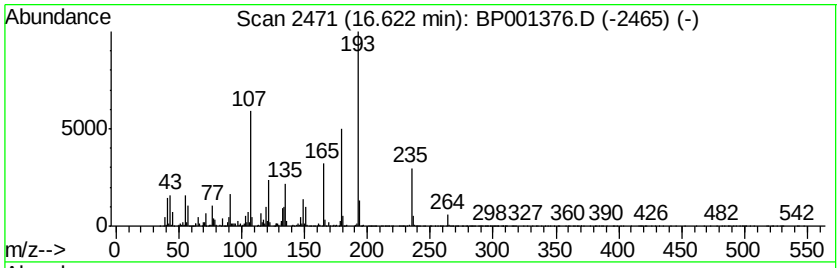
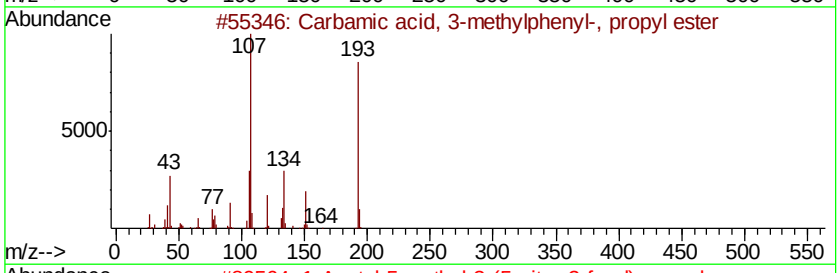
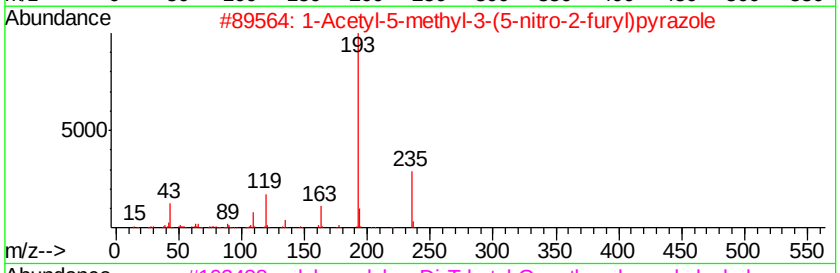
Peak Number 18 unknown16.62 Concentration Rank 19

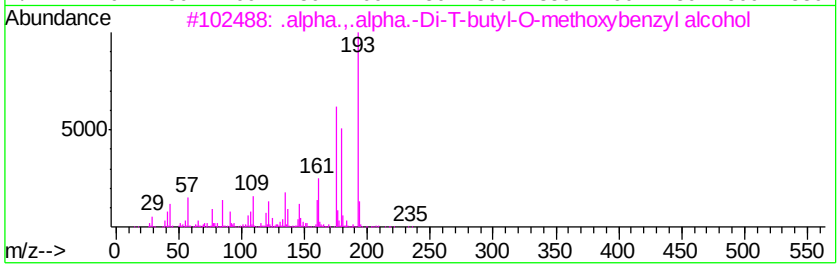
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	26.35 ng	2501700	Phenanthrene-d10	15.61

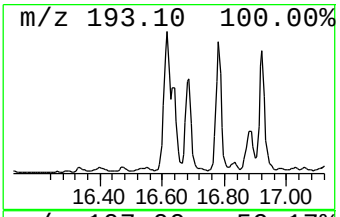
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbamic acid, 3-methylphenyl-, ...	193	C11H15NO2	1000314-76-5	49
2	1-Acetyl-5-methyl-3-(5-nitro-2-f...	235	C10H9N3O4	016239-91-1	46
3	.alpha.,.alpha.-Di-T-butyl-O-met...	250	C16H26O2	016750-65-5	38
4	Quinolin-2(1H)-one, 3-butyl-6-fl...	235	C13H14FNO2	279691-75-7	35
5	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	35

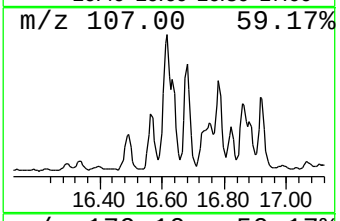


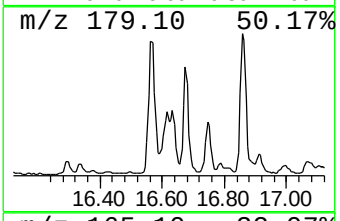


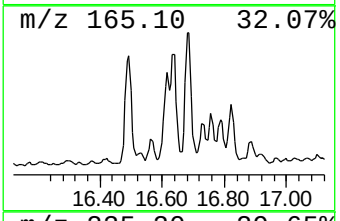


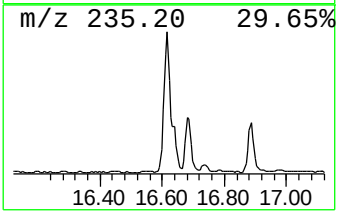












Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001376.D
Acq On : 23 Dec 2019 19:38
Operator : JU
Sample : K6401-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

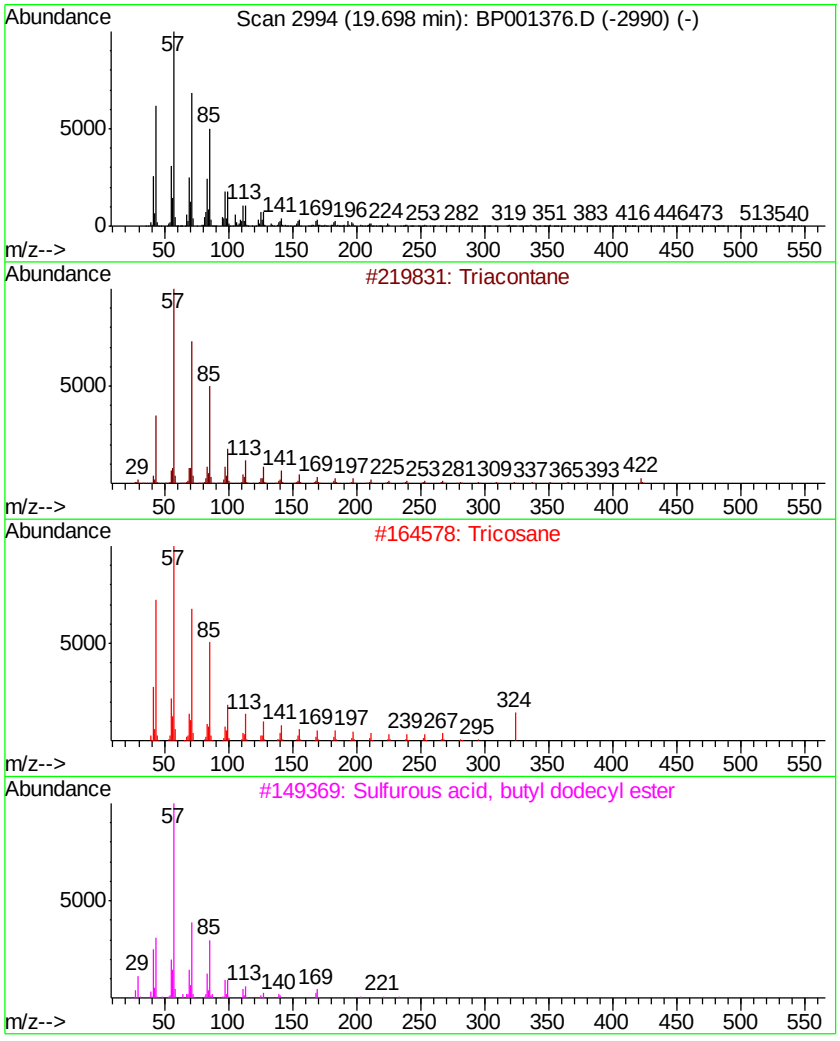
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

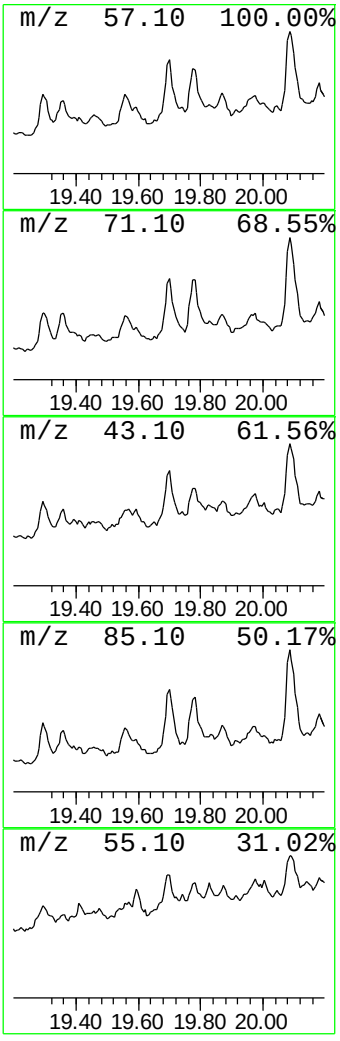
****

Peak Number 19 Triacontane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	26.19 ng	1504080	Chrysene-d12	19.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	97
2	Tricosane	324	C23H48	000638-67-5	94
3	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	91
4	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	91
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001376.D
Acq On : 23 Dec 2019 19:38
Operator : JU
Sample : K6401-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

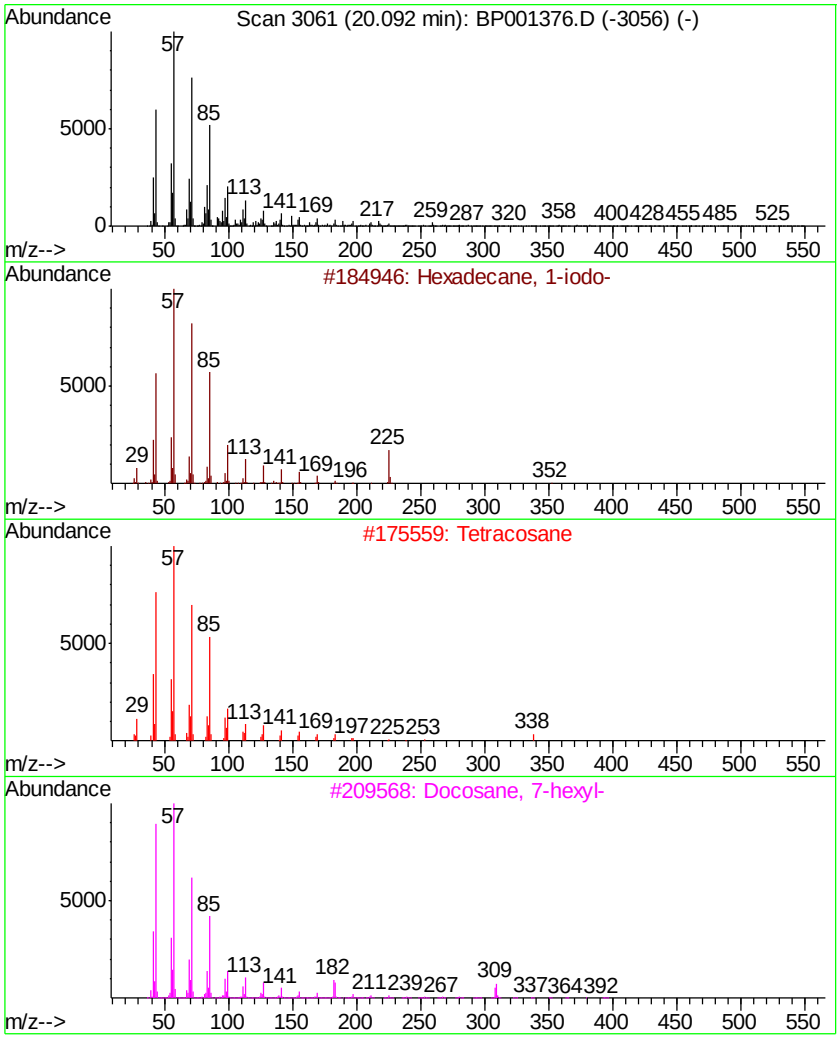
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

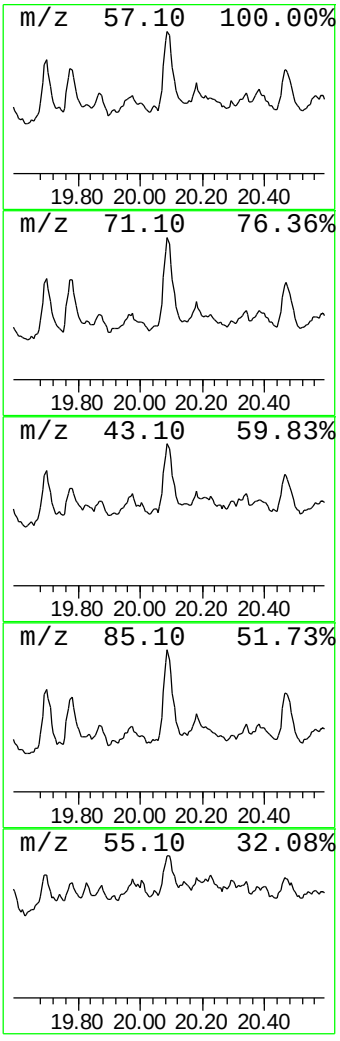
****

Peak Number 20 Hexadecane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	53.47 ng	3070400	Chrysene-d12	19.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	95
2	Tetracosane	338	C24H50	000646-31-1	93
3	Docosane, 7-hexyl-	394	C28H58	055373-86-9	93
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP122319\
Data File : BP001376.D
Acq On : 23 Dec 2019 19:38
Operator : JU
Sample : K6401-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Benzene, 1,3-dime...	6.67	65.2	ng	60354700	1	8.42	18511900	20.0
Nonane	6.80	72.1	ng	66770100	1	8.42	18511900	20.0
Octane, 2,6-dimet...	7.28	35.1	ng	32465500	1	8.42	18511900	20.0
Benzene, 1-methyl...	8.89	44.9	ng	41560600	1	8.42	18511900	20.0
Benzene, 1,4-diet...	8.95	63.3	ng	58600800	1	8.42	18511900	20.0
unknown9.05	9.05	43.6	ng	40321100	1	8.42	18511900	20.0
Undecane	9.48	1480.9	ng	100189000	2	10.39	1353110	20.0
unknown9.59	9.59	226.5	ng	15322000	2	10.39	1353110	20.0
unknown9.65	9.65	150.7	ng	10197400	2	10.39	1353110	20.0
Benzene, 1,2,4,5-...	9.69	201.6	ng	13638000	2	10.39	1353110	20.0
Decane, 3-bromo-	9.76	27.3	ng	1844460	2	10.39	1353110	20.0
Undecane, 5-methyl-	9.97	113.6	ng	7688020	2	10.39	1353110	20.0
unknown10.02	10.02	117.4	ng	7945630	2	10.39	1353110	20.0
Undecane, 2-methyl-	10.07	140.3	ng	9491910	2	10.39	1353110	20.0
Undecane, 3-methyl-	10.14	121.4	ng	8213070	2	10.39	1353110	20.0
Tridecane	11.40	30.2	ng	2041930	2	10.39	1353110	20.0
unknown16.62	16.62	26.4	ng	2501700	4	15.61	1898610	20.0
Triacontane	19.70	26.2	ng	1504080	5	19.26	1148380	20.0
Hexadecane, 1-iodo-	20.09	53.5	ng	3070400	5	19.26	1148380	20.0