LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000511.D
Acq On : 04 Oct 2019 16:48
Operator : JU
Sample : K5095-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMPOSITE-5

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-BP100119.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	2.346	32	44	59	rVB	5699670	9477069	18.81%	5.574%
2	3.169	175	184	193	rBV	714408	1396037	2.77%	0.821%
3	3.828	282	296	300	rBV	8738537	20813480	41.31%	12.241%
4	4.022	322	329	335	rBV	1411042	1890899	3.75%	1.112%
5	4.534	400	416	418	rBV4	11483554	50382434	100.00%	29.630%
6	5.257	535	539	542	rBV	698219	628531	1.25%	0.370%
7	5.363	553	557	559	rBV	1910422	1856444	3.68%	1.092%
8	5.398	559	563	570	rVB	3129670	3217428	6.39%	1.892%
9	5.622	598	601	605	rVB	1127297	986920	1.96%	0.580%
10	6.234	698	705	708	rBV	1274286	1059101	2.10%	0.623%
11	6.298	712	716	719	rVV	3646622	3232683	6.42%	1.901%
12	6.328	719	721	725	rVV	1876301	1561441	3.10%	0.918%
13	6.375	725	729	732	rVV	2811236	2230610	4.43%	1.312%
14	6.410	732	735	740	rVV2	2269370	2322340	4.61%	1.366%
15	6.457	740	743	747	rVB	1935210	1555300	3.09%	0.915%
16	6.540	753	757	761	rVV	3479365	3272658	6.50%	1.925%
17	6.604	763	768	771	rVB	6323914	5883657	11.68%	3.460%
18	6.769	792	796	800	rBV	1324088	1235255	2.45%	0.726%
19	6.834	804	807	809	rBV	2930140	2719976	5.40%	1.600%
20	6.922	817	822	825	rBV	3303745	3340040	6.63%	1.964%
21	6.951	825	827	830	rVB	652740	523758	1.04%	0.308%
22	7.022	835	839	841	rBV	840132	680051	1.35%	0.400%
23	7.045	841	843	847	rVB	1136529	855019	1.70%	0.503%
24	7.092	847	851	853	rBV	1891110	1604167	3.18%	0.943%
25	7.163	860	863	872	rVB3	737739	1093717	2.17%	0.643%
26	7.234	872	875	877	rBV	691511	603511	1.20%	0.355%
27	7.257	877	879	883	rVB	771750	643289	1.28%	0.378%
28	7.304	883	887	889	rBV	1360673	1344019	2.67%	0.790%
29	7.328	889	891	901	rVB2	2413846	2140405	4.25%	1.259%
30	7.451	909	912	915	rVV2	540950	526203	1.04%	0.309%
31	7.540	924	927	929	rVV	803985	602921	1.20%	0.355%
32	7.569	929	932	934	rVV	1109134	1009997	2.00%	0.594%
33	7.792	964	970	973	rBV	1101790	1179867	2.34%	0.694%
34	8.051	1010	1014	1015	rBV	1338399	1249761	2.48%	0.735%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000511.D
Acq On : 04 Oct 2019 16:48
Operator : JU
Sample : K5095-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMPOSITE-5

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-BP100119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.069	1015	1017	1021	rVB	1321783	1156629	2.30%	0.680%
36	8.698	1121	1124	1128	rVB2	852462	725028	1.44%	0.426%
37	9.128	1194	1197	1201	rVB	5807413	5087337	10.10%	2.992%
38	9.281	1218	1223	1228	rVV3	515661	828813	1.65%	0.487%
39	9.528	1257	1265	1268	rVV	1051929	1154082	2.29%	0.679%
40	9.633	1280	1283	1285	rBV	536921	505023	1.00%	0.297%
41	9.781	1302	1308	1310	rBV	1082267	1549377	3.08%	0.911%
42	9.810	1310	1313	1316	rVB	2282638	1822918	3.62%	1.072%
43	10.028	1347	1350	1353	rVB2	624432	545496	1.08%	0.321%
44	10.204	1377	1380	1383	rBV	1356290	1119044	2.22%	0.658%
45	10.545	1432	1438	1442	rBV8	363717	921877	1.83%	0.542%
46	10.610	1445	1449	1452	rVB	4070534	3870851	7.68%	2.276%
47	11.310	1564	1568	1571	rBV	2120344	1747947	3.47%	1.028%
48	11.875	1659	1664	1676	rVB2	1423402	1709048	3.39%	1.005%
49	12.445	1758	1761	1767	rVB	809451	732429	1.45%	0.431%
50	12.657	1793	1797	1806	rBV	1029703	1161114	2.30%	0.683%
51	12.916	1837	1841	1845	rBV	4516596	4524725	8.98%	2.661%
52	13.351	1912	1915	1919	rVB2	526297	514818	1.02%	0.303%
53	13.804	1986	1992	1996	rBV	1767319	2504806	4.97%	1.473%
54	13.845	1996	1999	2008	rVB2	667481	912942	1.81%	0.537%
55	13.980	2018	2022	2025	rBV	1843274	1731514	3.44%	1.018%
56	14.633	2128	2133	2141	rVB	725163	905058	1.80%	0.532%
57	15.463	2269	2274	2278	rBV	975085	1186598	2.36%	0.698%

Sum of corrected areas: 170036462

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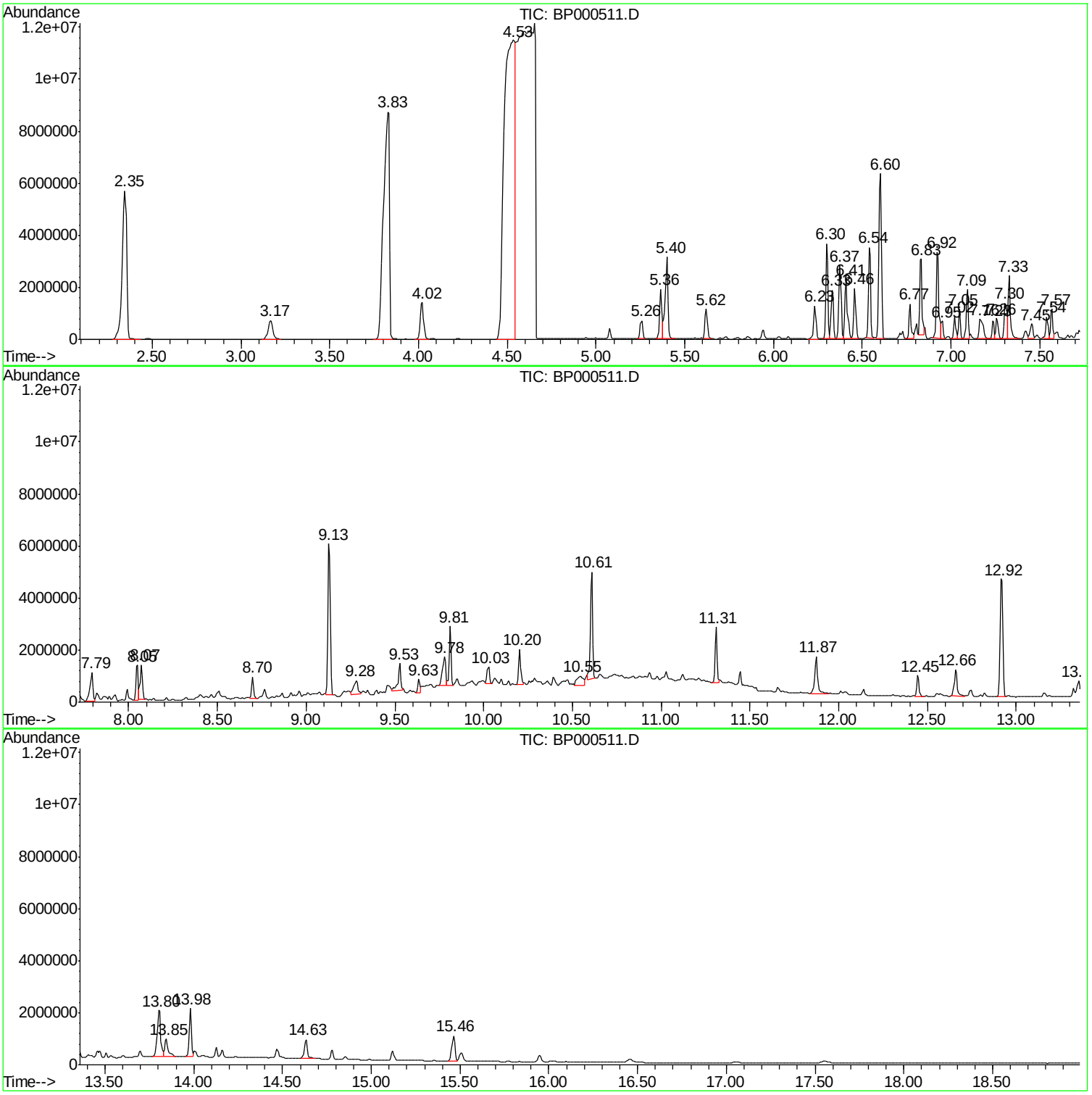
Data File : BP000511.D
Acq On : 04 Oct 2019 16:48
Operator : JU
Sample : K5095-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMPOSITE-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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\BP100419\
Data File : BP000511.D
Acq On : 04 Oct 2019 16:48
Operator : JU
Sample : K5095-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMPOSITE-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

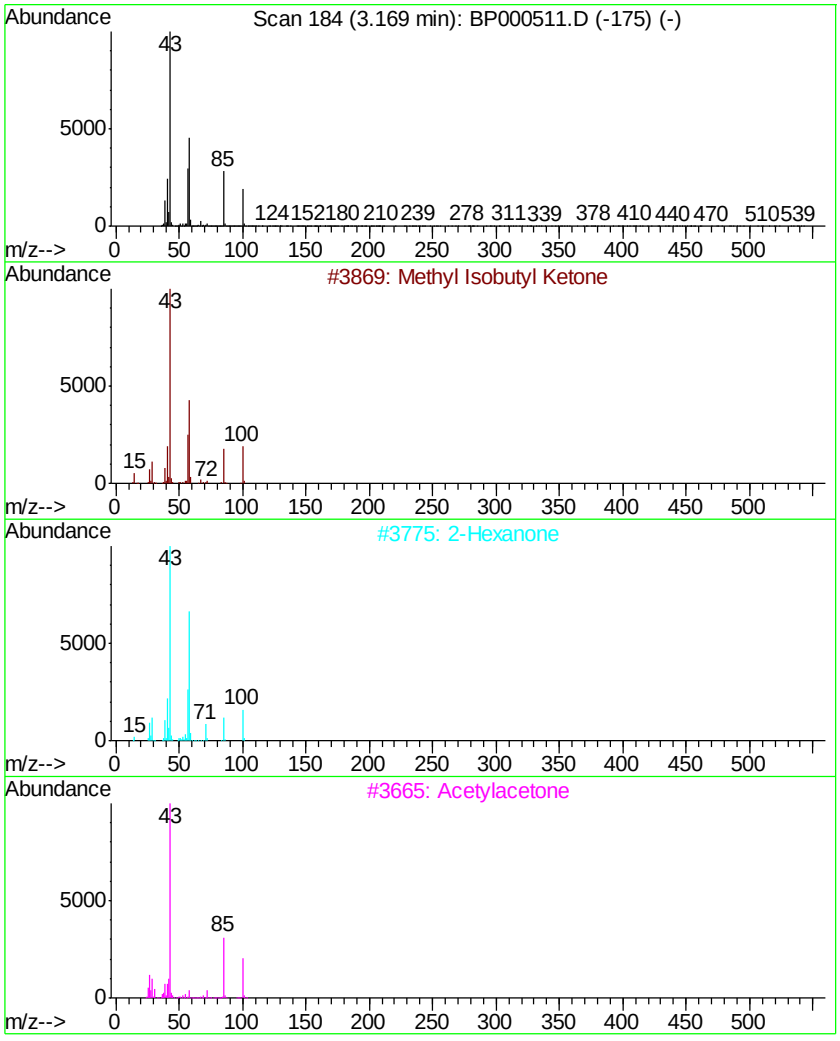
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

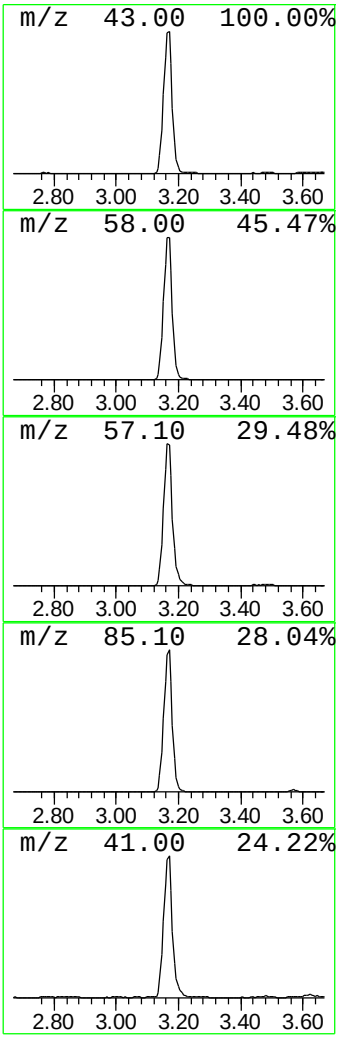
****

Peak Number 2 Methyl Isobutyl Ketone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	22.60 ng	1396040	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	83
2	2-Hexanone	100	C6H12O	000591-78-6	78
3	Acetylacetone	100	C5H8O2	000123-54-6	49
4	3-Penten-2-one, 4-(acetyloxy)-, ...	142	C7H10O3	038365-58-1	43
5	Pentanal, 2,2-dimethyl-	114	C7H14O	014250-88-5	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000511.D
Acq On : 04 Oct 2019 16:48
Operator : JU
Sample : K5095-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMPOSITE-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

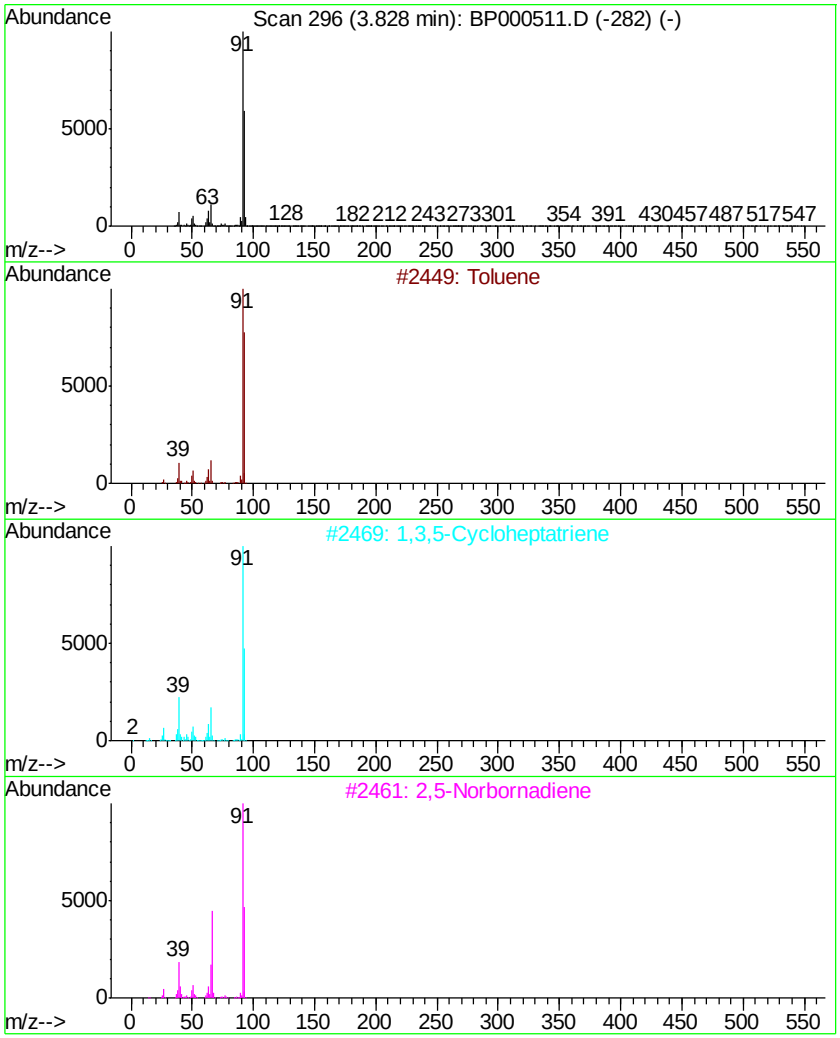
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

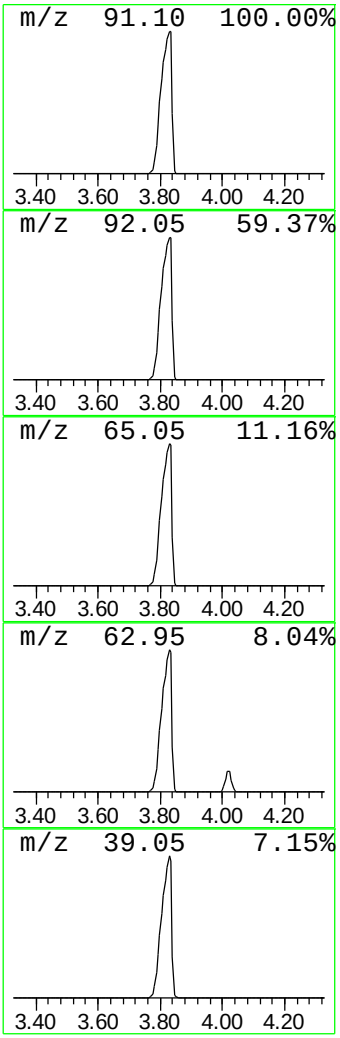
****

Peak Number 3 1,3,5-Cycloheptatriene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.83	336.99 ng	20813500	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87
3	2,5-Norbornadiene	92	C7H8	000121-46-0	72
4	Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	56
5	Propanedinitrile, ethylidene-	92	C5H4N2	001508-07-2	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000511.D
Acq On : 04 Oct 2019 16:48
Operator : JU
Sample : K5095-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMPOSITE-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

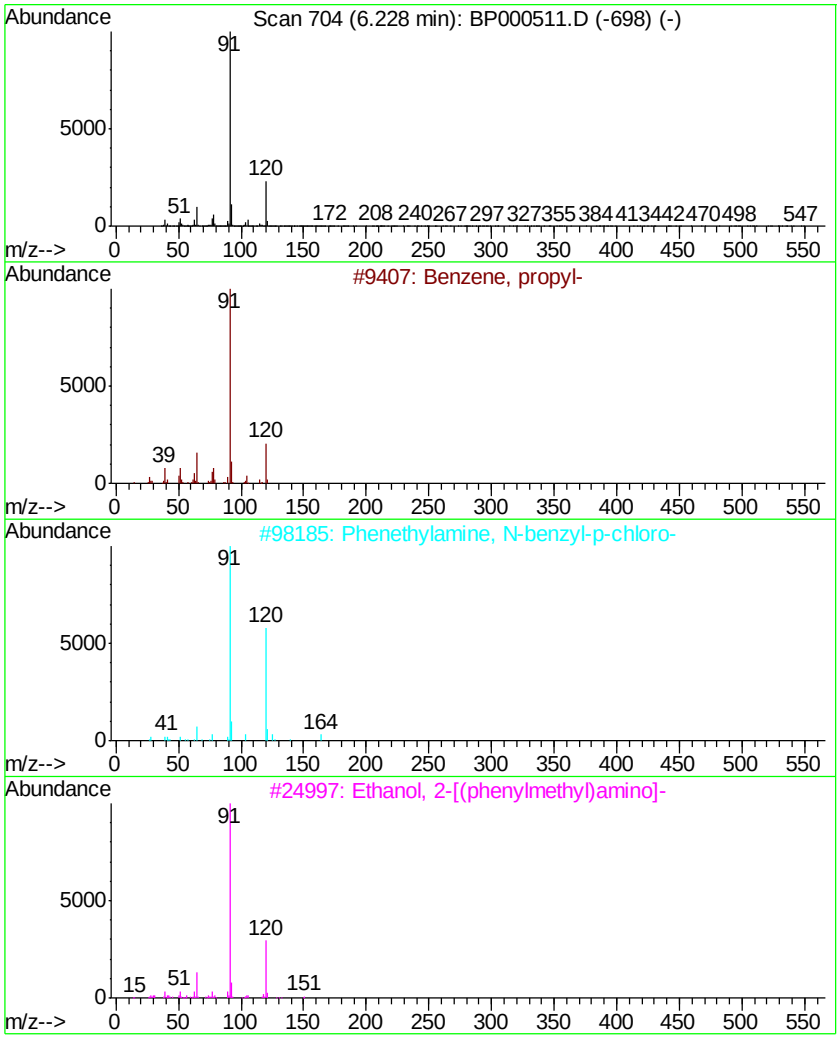
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

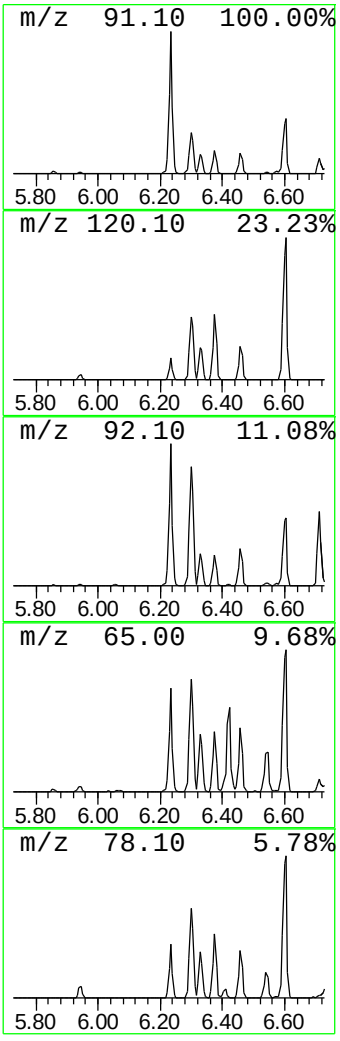
****

Peak Number 7 Benzene, propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	17.15 ng	1059100	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
3	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
4	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	64
5	n-Butylbenzylamine	163	C11H17N	002403-22-7	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000511.D
Acq On : 04 Oct 2019 16:48
Operator : JU
Sample : K5095-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMPOSITE-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

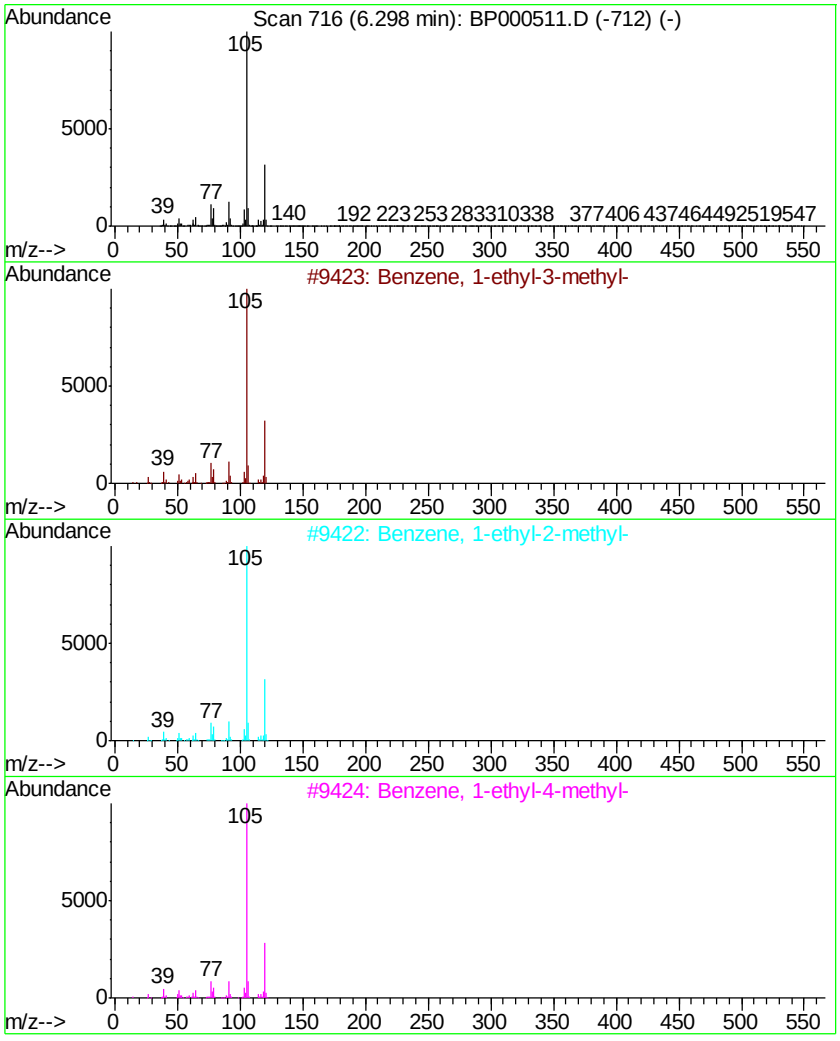
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

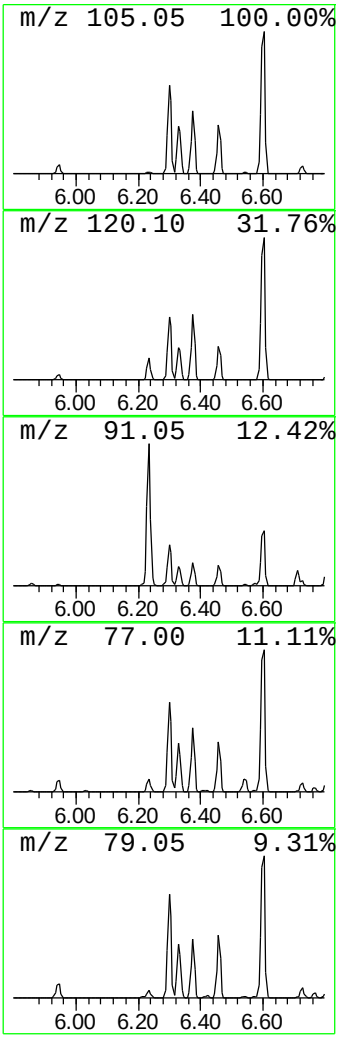
****

Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	52.34 ng	3232680	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000511.D
Acq On : 04 Oct 2019 16:48
Operator : JU
Sample : K5095-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMPOSITE-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

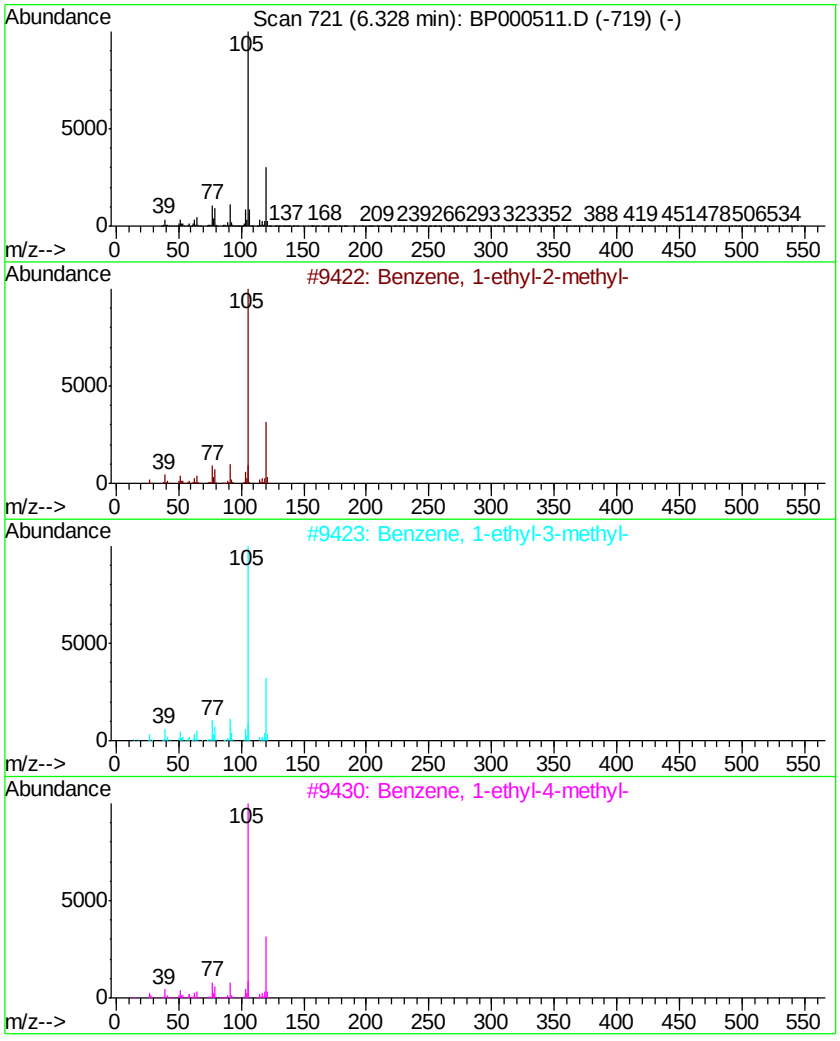
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

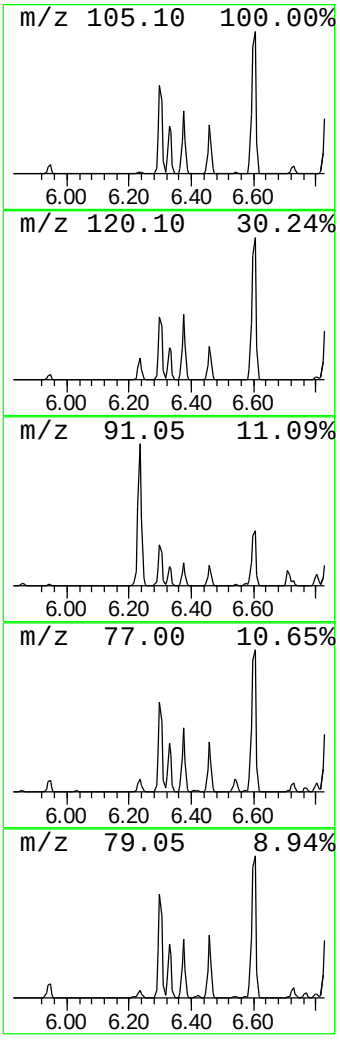
****

Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	25.28 ng	1561440	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

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Acq On : 04 Oct 2019 16:48
Operator : JU
Sample : K5095-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMPOSITE-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

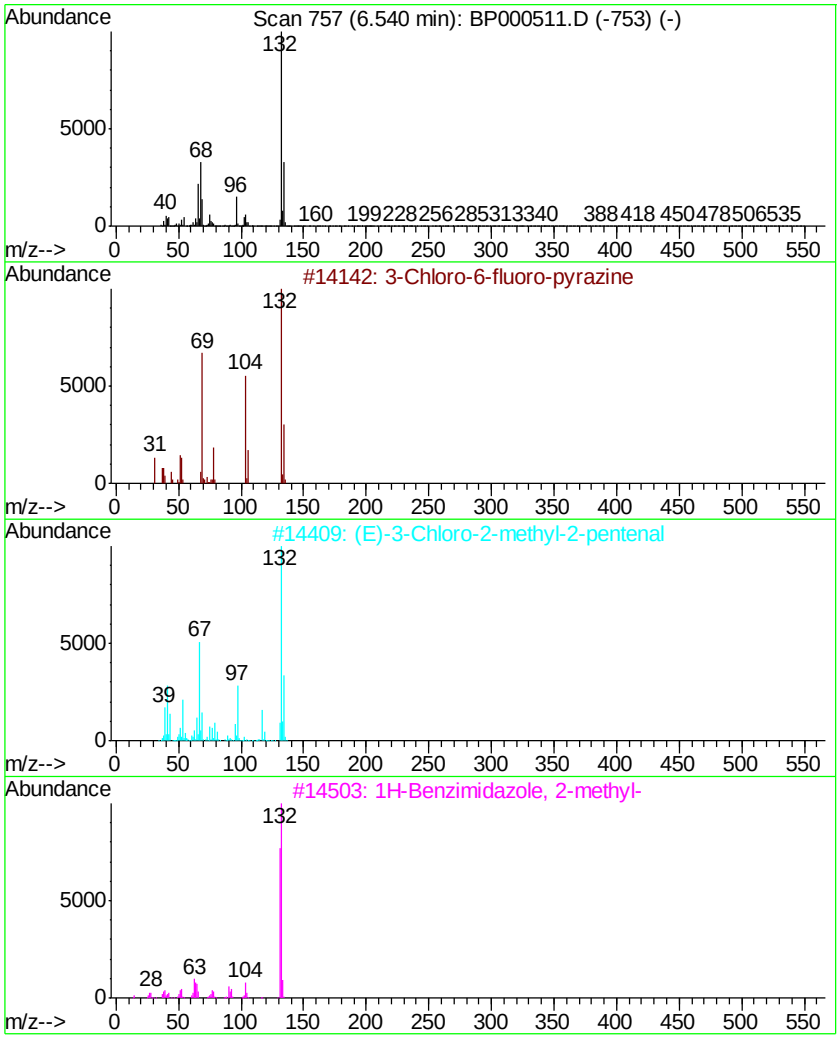
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

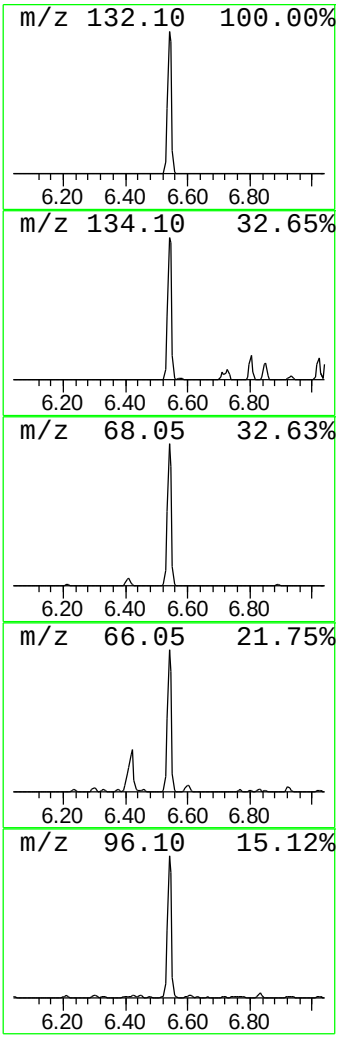
****

Peak Number 10 unknown6.54 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	52.99 ng	3272660	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Data File : BP000511.D
Acq On : 04 Oct 2019 16:48
Operator : JU
Sample : K5095-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMPOSITE-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

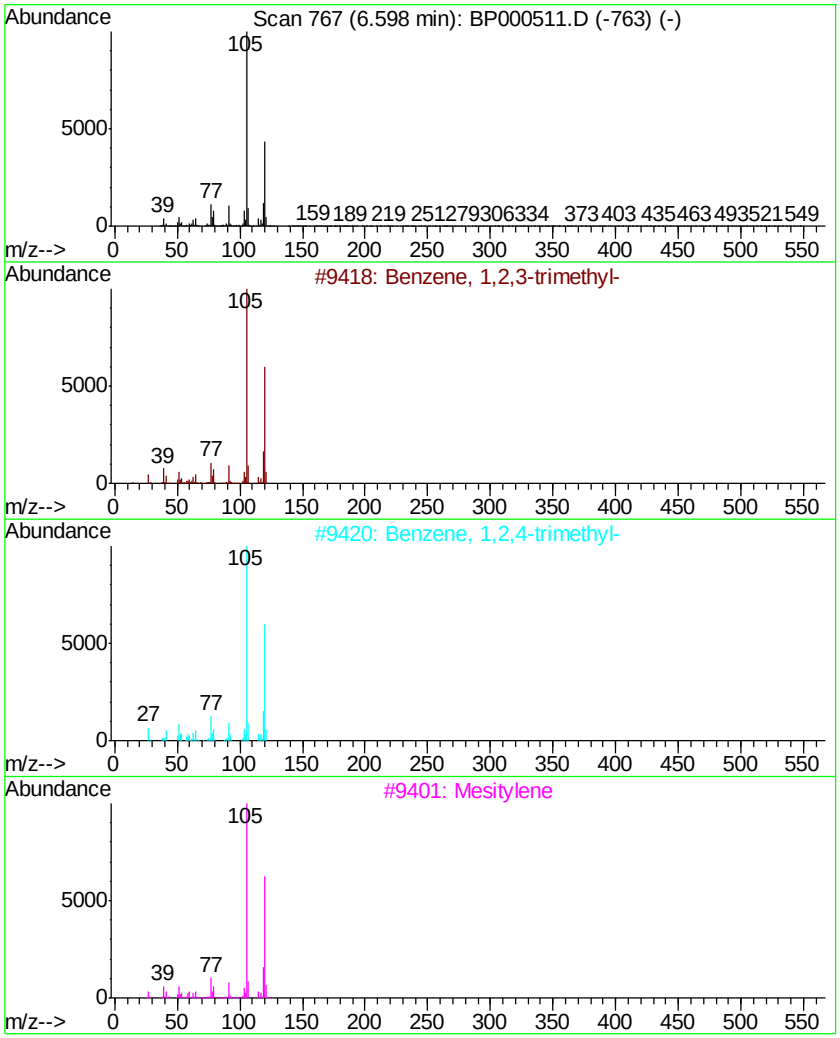
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

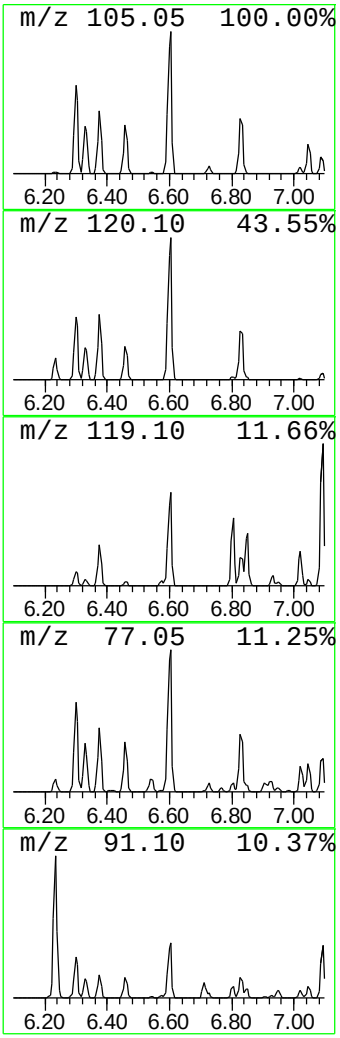
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	95.26 ng	5883660	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000511.D
Acq On : 04 Oct 2019 16:48
Operator : JU
Sample : K5095-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMPOSITE-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

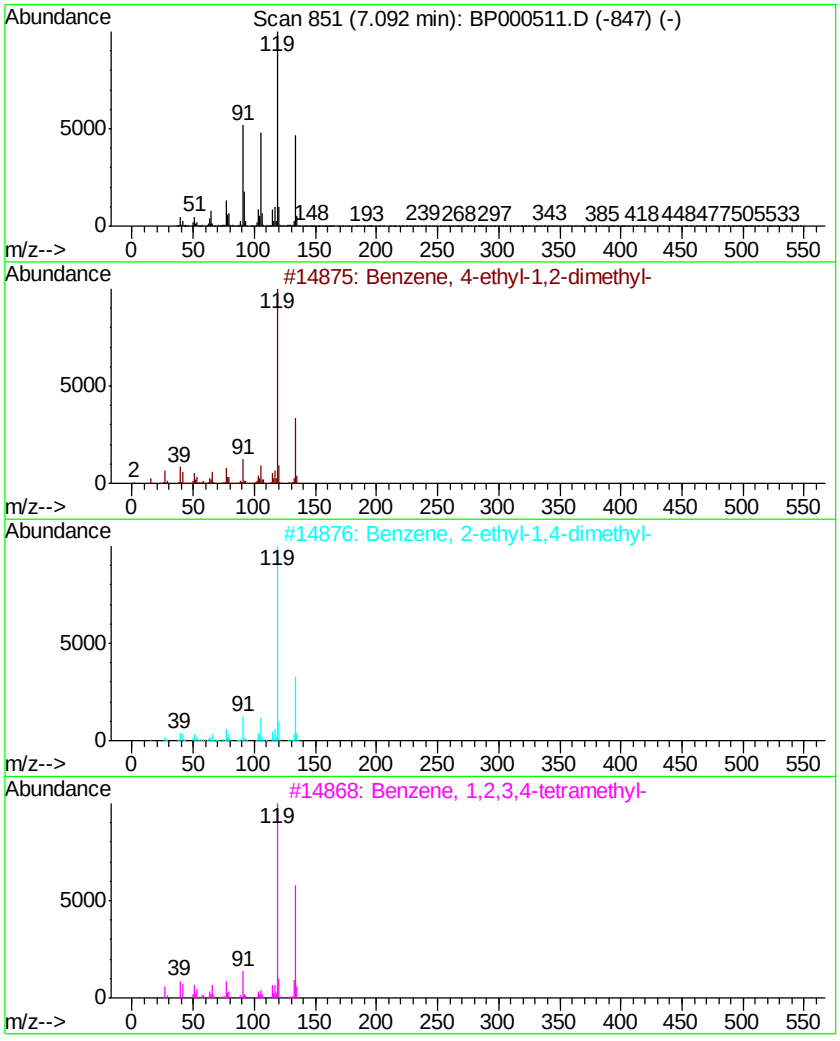
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

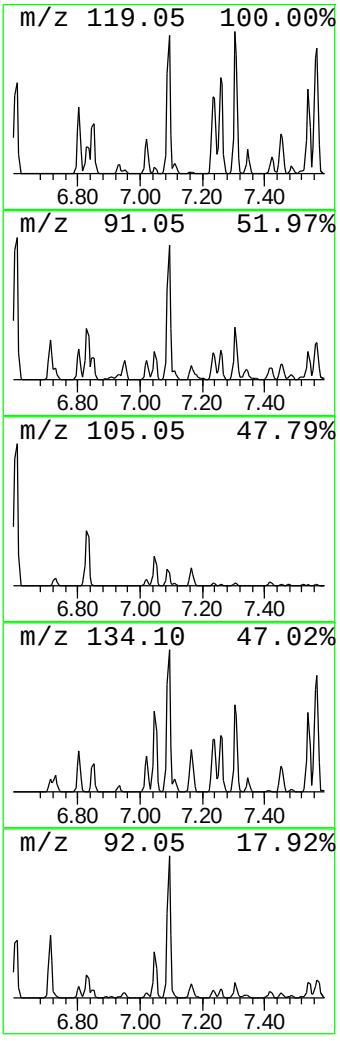
****

Peak Number 12 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	25.97 ng	1604170	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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Data File : BP000511.D
Acq On : 04 Oct 2019 16:48
Operator : JU
Sample : K5095-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMPOSITE-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

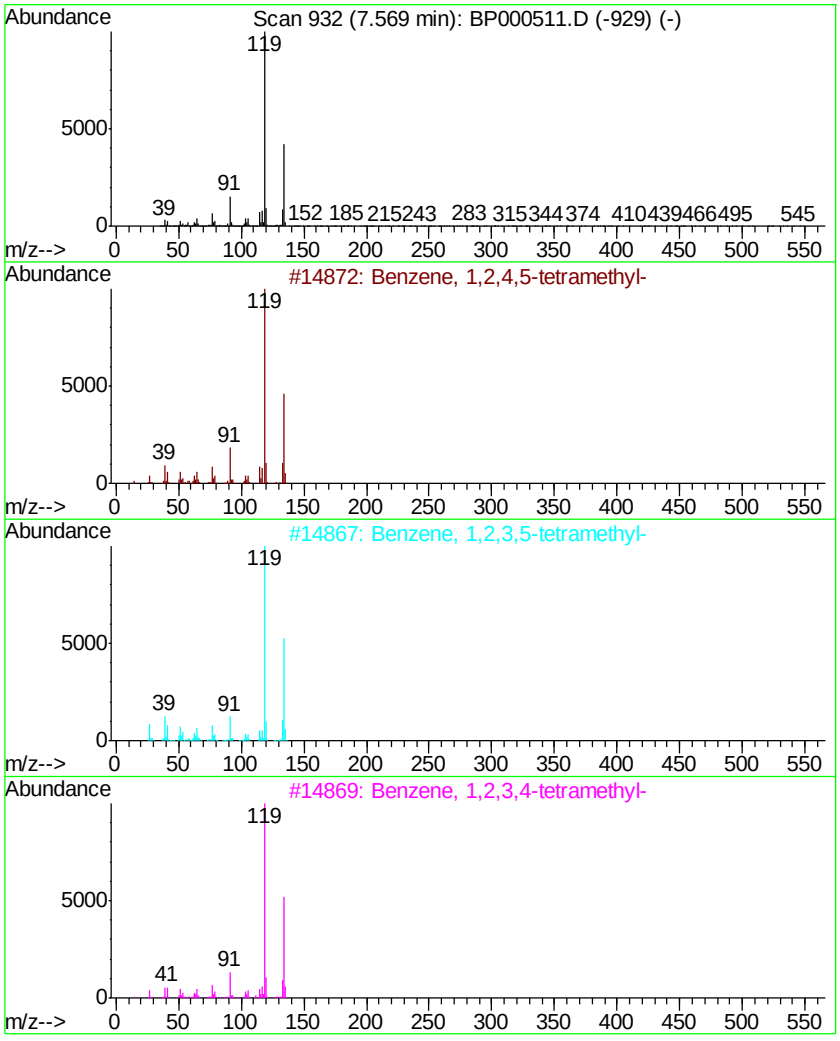
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

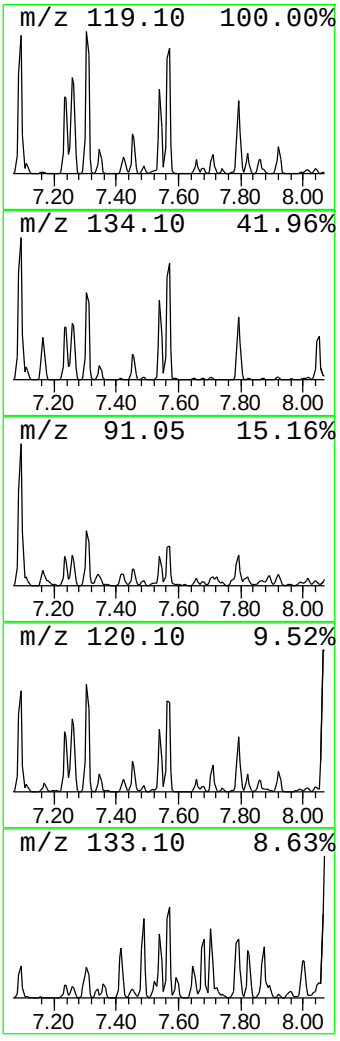
****

Peak Number 13 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	16.16 ng	1010000	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	o-Cymene	134	C10H14	000527-84-4	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000511.D
Acq On : 04 Oct 2019 16:48
Operator : JU
Sample : K5095-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMPOSITE-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

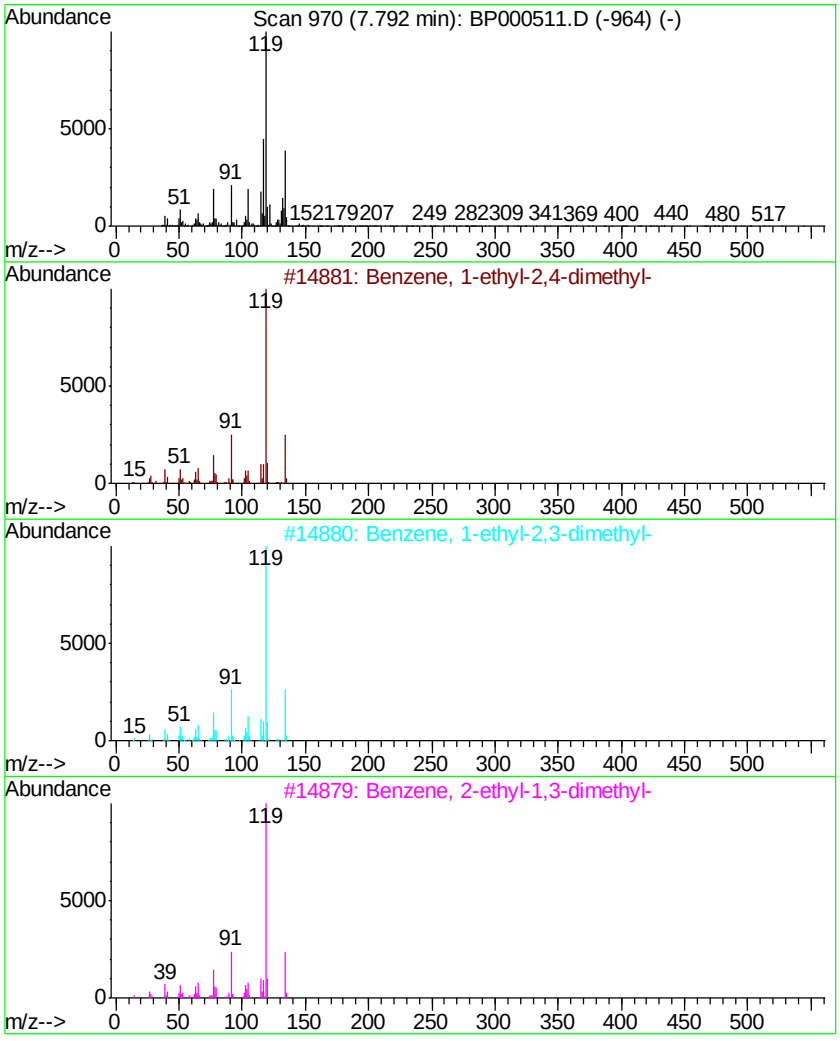
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

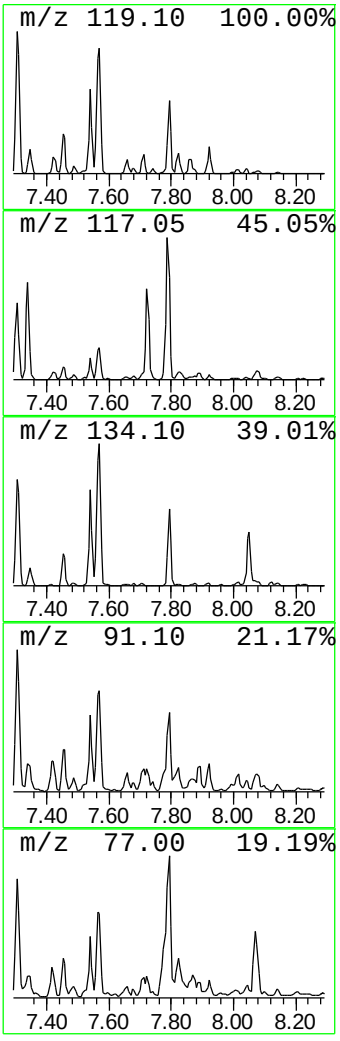
****

Peak Number 14 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	18.88 ng	1179870	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	70
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70





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Acq On : 04 Oct 2019 16:48
Operator : JU
Sample : K5095-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMPOSITE-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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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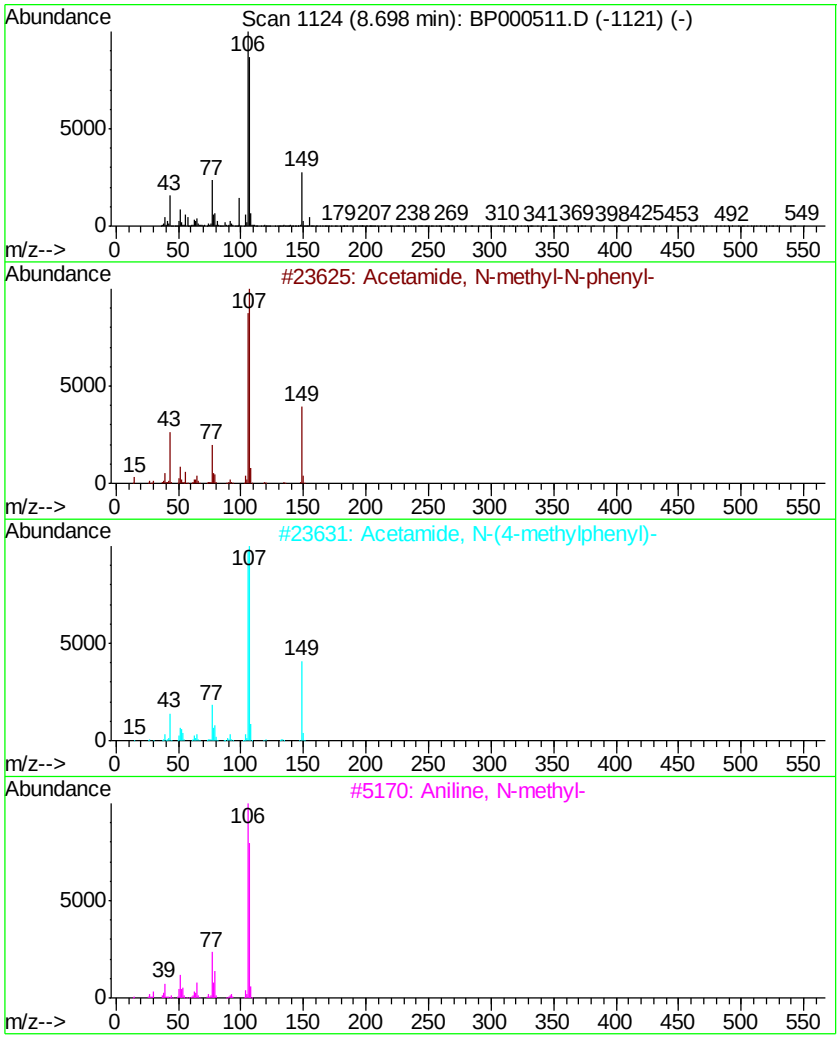
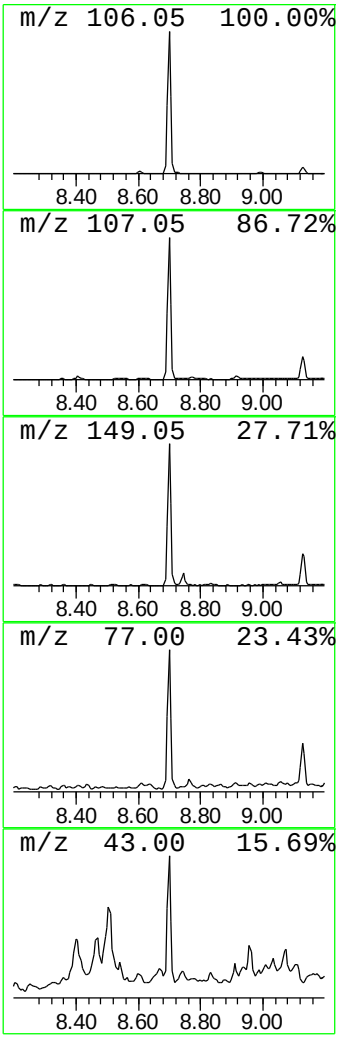
Peak Number 15 Acetamide, N-methyl-N-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	11.60 ng	725028	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-methyl-N-phenyl-	149	C9H11NO	000579-10-2	94
2	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	86
3	Aniline, N-methyl-	107	C7H9N	000100-61-8	74
4	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	72
5	o-Toluidine	107	C7H9N	000095-53-4	64





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Acq On : 04 Oct 2019 16:48
Operator : JU
Sample : K5095-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMPOSITE-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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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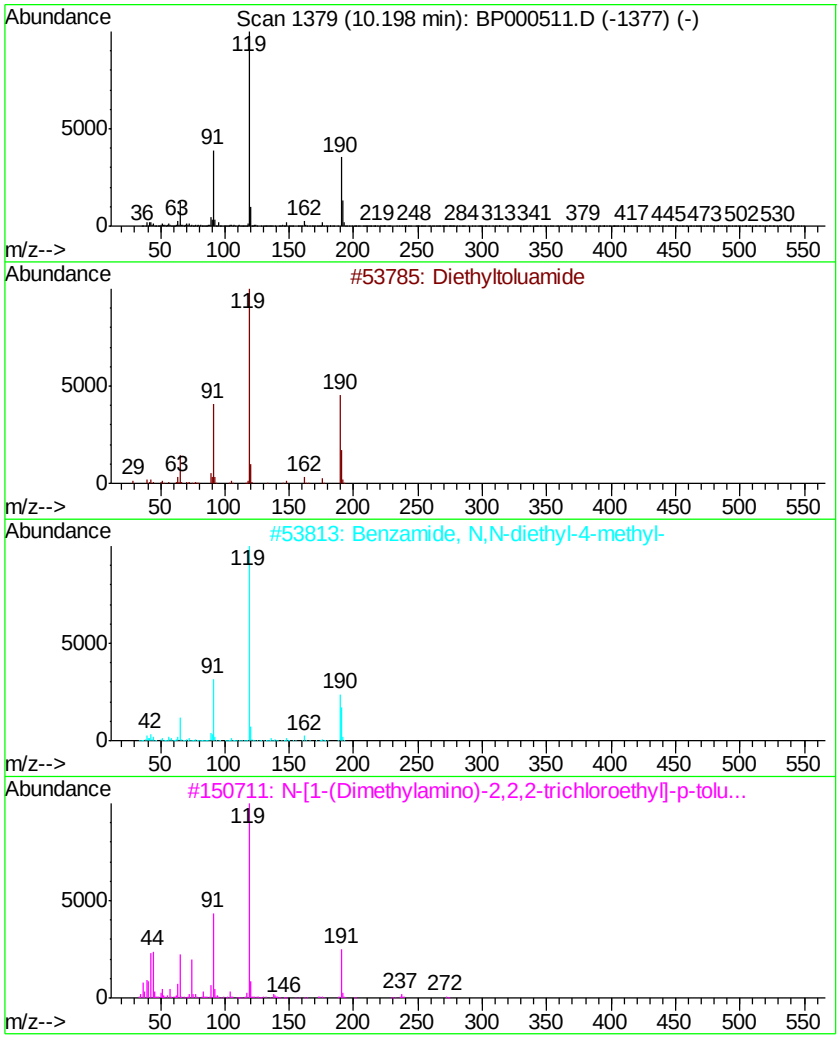
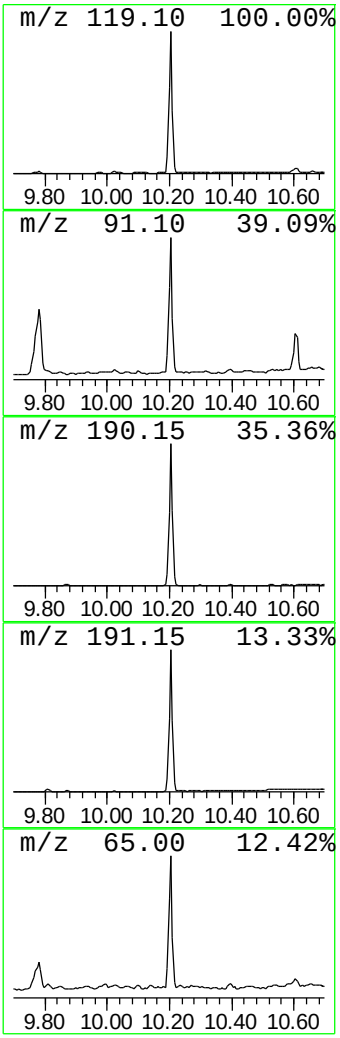
Peak Number 16 Diethyltoluamide Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	12.28 ng	1119040	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	94
2	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	93
3	N-[1-(Dimethylamino)-2,2,2-trich...	308	C12H15Cl3N2O	300814-41-9	53
4	Benzamide, N,N,3-trimethyl-	163	C10H13NO	006935-65-5	50
5	o-Toluic acid, 4-nitrophenyl ester	257	C14H11NO4	1000307-46-0	47





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Data File : BP000511.D
Acq On : 04 Oct 2019 16:48
Operator : JU
Sample : K5095-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMPOSITE-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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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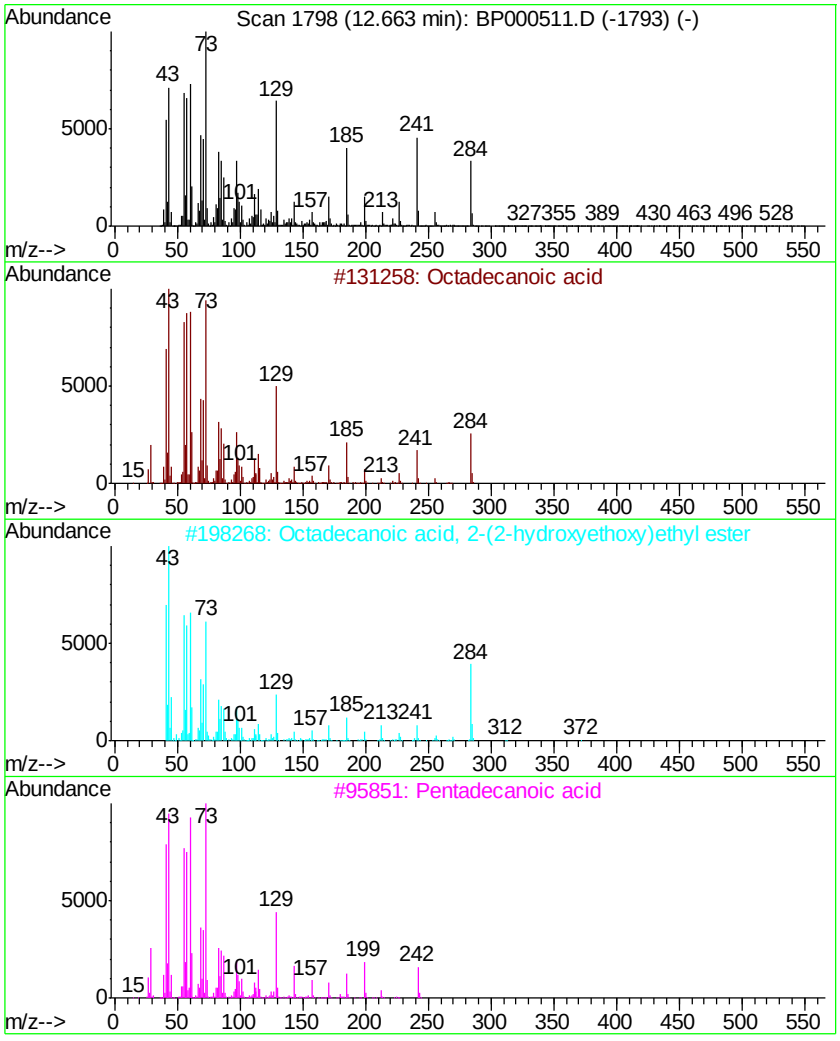
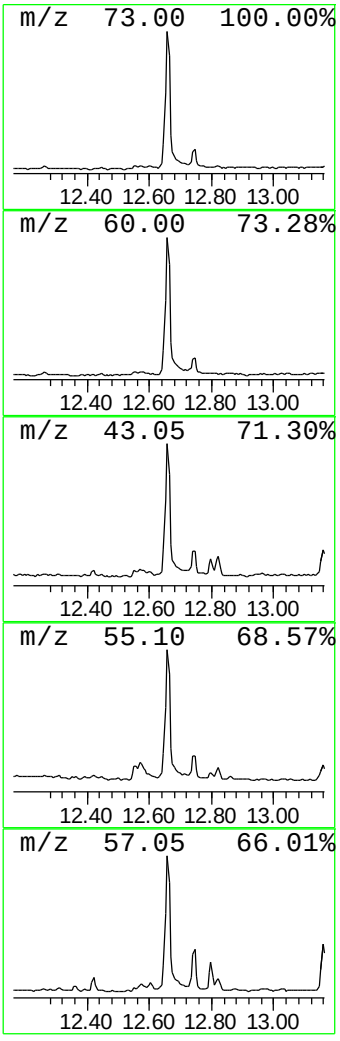
Peak Number 17 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	13.41 ng	1161110	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





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Data File : BP000511.D
Acq On : 04 Oct 2019 16:48
Operator : JU
Sample : K5095-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMPOSITE-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

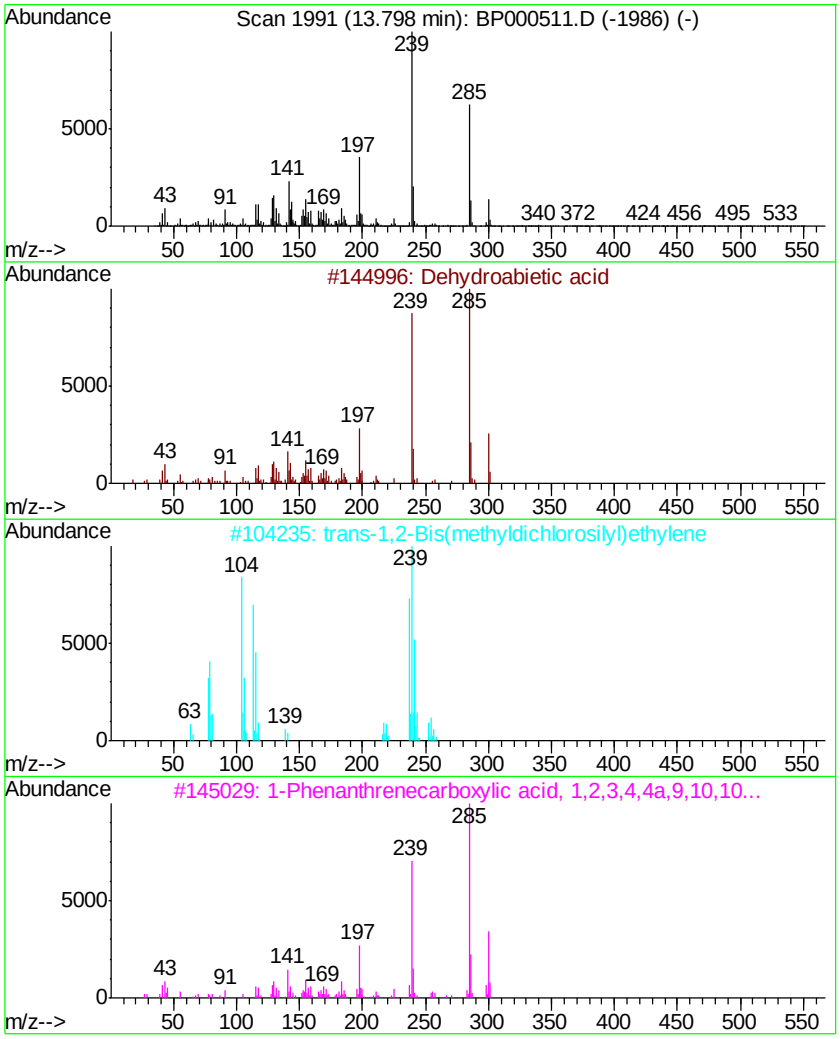
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

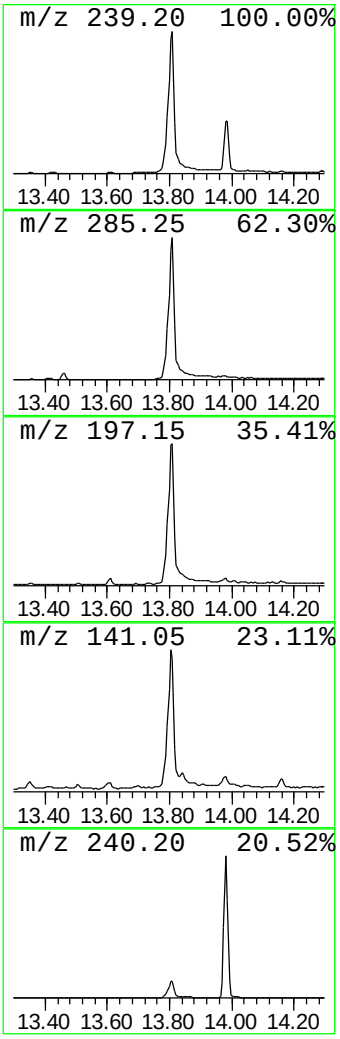
****

Peak Number 18 Dehydroabietic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	28.93 ng	2504810	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	99
2	trans-1,2-Bis(methyldichlorosily...	252	C4H8Cl4Si2	065899-10-7	86
3	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	83
4	Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3NO3	000391-02-6	53
5	2-Ethylidene-hydrazono-3-methyl-...	239	C10H10ClN3S	1000148-08-4	43





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Acq On : 04 Oct 2019 16:48
Operator : JU
Sample : K5095-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMPOSITE-5

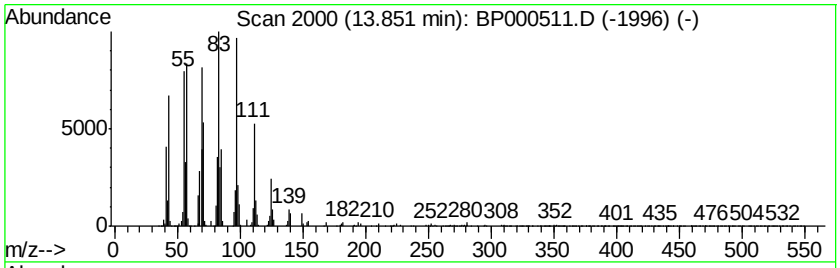
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

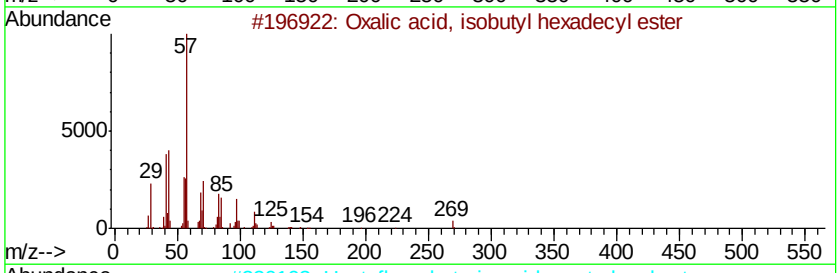
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

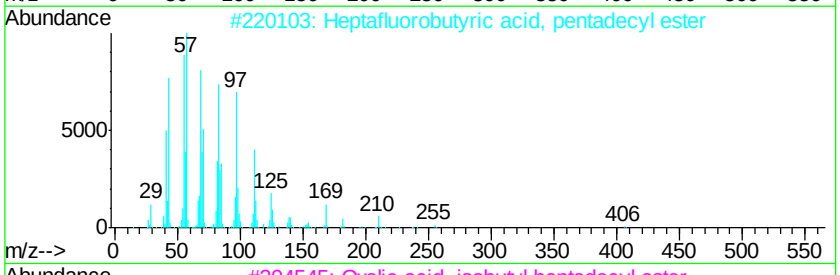
****
Peak Number 19 Oxalic acid, isobutyl hexad... Concentration Rank 19

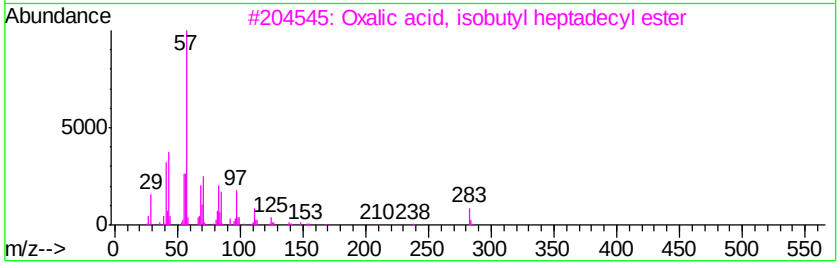
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	10.55 ng	912942	Chrysene-d12	13.98

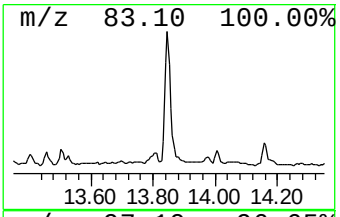
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
3	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	91
4	E-15-Heptadecenal	252	C17H32O	1000130-97-9	90
5	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	90

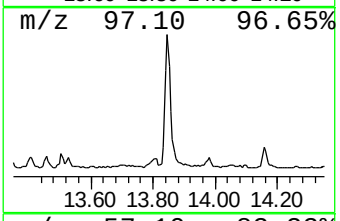


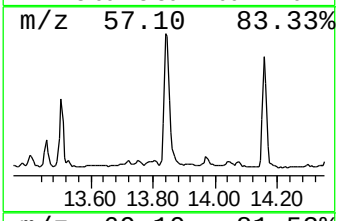


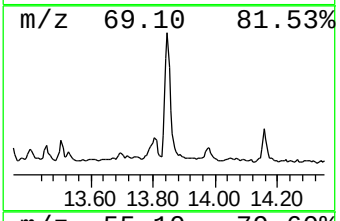


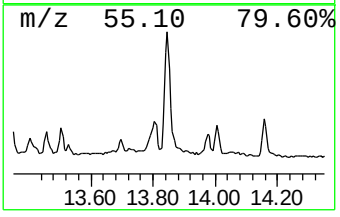












Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000511.D
Acq On : 04 Oct 2019 16:48
Operator : JU
Sample : K5095-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMPOSITE-5

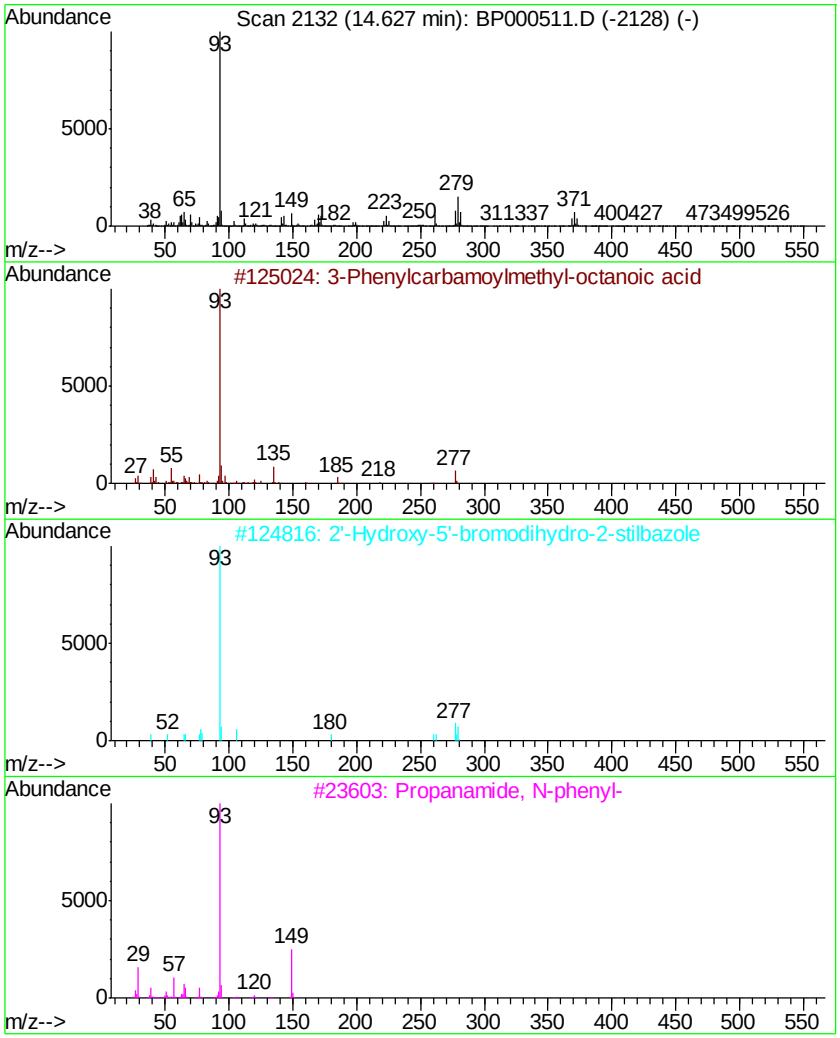
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

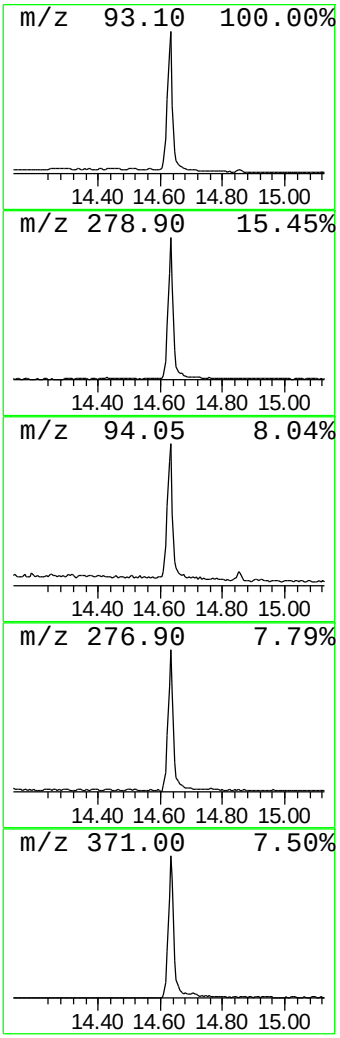
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 3-Phenylcarbamoylmethyl-oct... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	10.45 ng	905058	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylcarbamoylmethyl-octanoic...	277	C16H23NO3	1000190-90-2	52
2	2'-Hydroxy-5'-bromodihydro-2-sti...	277	C13H12BrNO	072175-06-5	50
3	Propanamide, N-phenyl-	149	C9H11NO	000620-71-3	46
4	Butanamide, N-phenyl-	163	C10H13NO	001129-50-6	43
5	isobutyranilide	163	C10H13NO	004406-41-1	37





Tentatively Identified Compound (LSC) summary

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Data File : BP000511.D
Acq On : 04 Oct 2019 16:48
Operator : JU
Sample : K5095-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMPOSITE-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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
Methyl Isobutyl K...	3.17	22.6	ng	1396040	1	6.77	1235260	20.0
1,3,5-Cycloheptat...	3.83	337.0	ng	20813500	1	6.77	1235260	20.0
Benzene, propyl-	6.23	17.1	ng	1059100	1	6.77	1235260	20.0
Benzene, 1-ethyl-...	6.30	52.3	ng	3232680	1	6.77	1235260	20.0
Benzene, 1-ethyl-...	6.33	25.3	ng	1561440	1	6.77	1235260	20.0
unknown6.54	6.54	53.0	ng	3272660	1	6.77	1235260	20.0
Benzene, 1,2,3-tr...	6.60	95.3	ng	5883660	1	6.77	1235260	20.0
Benzene, 4-ethyl-...	7.09	26.0	ng	1604170	1	6.77	1235260	20.0
Benzene, 1,2,4,5-...	7.57	16.2	ng	1010000	2	8.05	1249760	20.0
Benzene, 1-ethyl-...	7.79	18.9	ng	1179870	2	8.05	1249760	20.0
Acetamide, N-meth...	8.70	11.6	ng	725028	2	8.05	1249760	20.0
Diethyltoluamide	10.20	12.3	ng	1119040	3	9.81	1822920	20.0
Octadecanoic acid	12.66	13.4	ng	1161110	5	13.98	1731510	20.0
Dehydroabietic acid	13.80	28.9	ng	2504810	5	13.98	1731510	20.0
Oxalic acid, isob...	13.85	10.6	ng	912942	5	13.98	1731510	20.0
3-Phenylcarbamoyl...	14.63	10.4	ng	905058	5	13.98	1731510	20.0