LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
Data File : BP000426.D
Acq On : 26 Sep 2019 16:46
Operator : JU
Sample : K5019-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : QNWP8-MW26S-GW

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-BP091619.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	3.852	287	300	304	rBV	9618782	17884450	18.72%	2.151%
2	4.628	428	432	451	rBV	1042773	1839722	1.93%	0.221%
3	5.293	537	545	548	rBV	13029171	25407573	26.59%	3.055%
4	5.428	557	568	574	rVV2	13146989	37674737	39.43%	4.530%
5	5.670	600	609	612	rBV	13122793	24000284	25.12%	2.886%
6	5.964	656	659	662	rBV	2852073	2532057	2.65%	0.304%
7	6.322	716	720	723	rBV	6789723	6623949	6.93%	0.797%
8	6.352	723	725	729	rVB	4464233	3876512	4.06%	0.466%
9	6.399	729	733	737	rBV	7244061	6960051	7.28%	0.837%
10	6.469	737	745	750	rBV4	3376356	7837032	8.20%	0.942%
11	6.593	759	766	769	rBV	4538711	6420812	6.72%	0.772%
12	6.658	769	777	778	rBV	12106915	24583069	25.73%	2.956%
13	6.858	808	811	816	rVV	6120213	6399624	6.70%	0.770%
14	6.922	816	822	825	rVV2	1186206	2199823	2.30%	0.265%
15	6.999	825	835	837	rVB2	14232115	30248765	31.66%	3.637%
16	7.081	842	849	852	rVB2	13392624	25394087	26.58%	3.054%
17	7.222	865	873	878	rBV	6407037	9288688	9.72%	1.117%
18	7.364	893	897	901	rVB2	4387974	5077265	5.31%	0.611%
19	7.446	907	911	914	rVB	8340508	7903727	8.27%	0.950%
20	7.511	914	922	924	rBV2	11789025	20973166	21.95%	2.522%
21	7.534	924	926	928	rVB	5201449	3640150	3.81%	0.438%
22	7.564	928	931	934	rVB2	1812981	2253961	2.36%	0.271%
23	7.752	957	963	964	rBV	4283063	4441817	4.65%	0.534%
24	7.781	964	968	972	rVV	6437517	11047009	11.56%	1.328%
25	7.822	972	975	979	rVB3	4035687	5217085	5.46%	0.627%
26	7.869	979	983	984	rBV	2178001	2564057	2.68%	0.308%
27	7.887	984	986	989	rVV	2030844	2425444	2.54%	0.292%
28	7.928	989	993	996	rVB	7584433	10492394	10.98%	1.262%
29	7.993	1001	1004	1007	rVB	3045875	2888506	3.02%	0.347%
30	8.187	1013	1037	1039	rBV3	15818000	95546679	100.00%	11.490%
31	8.216	1039	1042	1044	rVB	12179356	12403883	12.98%	1.492%
32	8.246	1044	1047	1049	rBV	3738158	2900437	3.04%	0.349%
33	8.263	1049	1050	1056	rVB2	1672972	2357652	2.47%	0.284%
34	8.322	1056	1060	1061	rBV	5668822	4993581	5.23%	0.600%

LSC Area Percent Report

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Operator : JU
Sample : K5019-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : QNWP8-MW26S-GW

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-BP091619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.352	1063	1065	1071	rVB	4768190	4059599	4.25%	0.488%
36	8.452	1077	1082	1086	rBV2	7193200	8875035	9.29%	1.067%
37	8.522	1090	1094	1096	rBV	4148765	3929440	4.11%	0.473%
38	8.552	1096	1099	1101	rBV	4549123	3700422	3.87%	0.445%
39	8.663	1115	1118	1120	rBV2	2949689	2309700	2.42%	0.278%
40	8.687	1120	1122	1127	rVB3	5762577	6005733	6.29%	0.722%
41	8.752	1127	1133	1135	rBV3	3424757	3884069	4.07%	0.467%
42	8.805	1138	1142	1144	rBV	11113396	14014569	14.67%	1.685%
43	8.858	1147	1151	1152	rBV3	3263187	3775136	3.95%	0.454%
44	8.911	1155	1160	1162	rVB	12051956	16707271	17.49%	2.009%
45	8.946	1162	1166	1167	rBV	2637015	2151286	2.25%	0.259%
46	8.963	1167	1169	1175	rVB3	3412430	3485790	3.65%	0.419%
47	9.063	1183	1186	1189	rVB2	3105209	2733604	2.86%	0.329%
48	9.158	1197	1202	1204	rVB	6667400	5831910	6.10%	0.701%
49	9.258	1214	1219	1226	rVB3	8244136	10782388	11.28%	1.297%
50	9.352	1233	1235	1237	rBV2	2418536	2549244	2.67%	0.307%
51	9.416	1241	1246	1247	rBV2	4307920	5796063	6.07%	0.697%
52	9.469	1252	1255	1257	rVB2	2570697	2658355	2.78%	0.320%
53	9.499	1257	1260	1262	rBV	4556289	4599338	4.81%	0.553%
54	9.522	1262	1264	1269	rVB	3201085	2800503	2.93%	0.337%
55	9.587	1273	1275	1277	rVB	2829452	2095394	2.19%	0.252%
56	9.610	1277	1279	1281	rBV	2840215	2472626	2.59%	0.297%
57	9.699	1291	1294	1297	rVB2	4604454	4792238	5.02%	0.576%
58	9.810	1309	1313	1316	rBV3	2820904	3533484	3.70%	0.425%
59	9.875	1321	1324	1327	rVB	9965161	10726189	11.23%	1.290%
60	9.916	1327	1331	1333	rBV	6327754	6854972	7.17%	0.824%
61	9.940	1333	1335	1339	rVB2	3356217	3218318	3.37%	0.387%
62	9.999	1339	1345	1347	rBV2	8107837	11403769	11.94%	1.371%
63	10.052	1350	1354	1358	rVB2	8536733	8735809	9.14%	1.051%
64	10.163	1363	1373	1375	rBV7	1450537	3308356	3.46%	0.398%
65	10.293	1390	1395	1398	rVB3	2894696	3840557	4.02%	0.462%
66	10.363	1398	1407	1409	rBV3	2201190	4017787	4.21%	0.483%
67	10.393	1409	1412	1415	rBV	7512689	7208618	7.54%	0.867%
68	10.481	1423	1427	1430	rVB	7283937	8623249	9.03%	1.037%
69	10.528	1430	1435	1438	rVB3	5557551	8908599	9.32%	1.071%
70	10.610	1445	1449	1451	rBV	6759129	8017976	8.39%	0.964%
71	10.634	1451	1453	1456	rVB3	6535821	6505626	6.81%	0.782%

LSC Area Percent Report

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Sample : K5019-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : QNWP8-MW26S-GW

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.834	1479	1487	1488	rBV4	3534086	6592523	6.90%	0.793%
73	10.887	1492	1496	1499	rBV	4581662	4956366	5.19%	0.596%
74	10.940	1499	1505	1506	rBV	8200577	10106923	10.58%	1.215%
75	10.957	1506	1508	1510	rVV	6876402	5386267	5.64%	0.648%
76	10.987	1510	1513	1515	rVV	2223066	1949027	2.04%	0.234%
77	11.069	1521	1527	1531	rVB3	5370417	12869116	13.47%	1.548%
78	11.199	1541	1549	1551	rBV3	2978653	5802353	6.07%	0.698%
79	11.222	1551	1553	1557	rVV	3661464	3915704	4.10%	0.471%
80	11.305	1562	1567	1568	rVV2	2432041	3006449	3.15%	0.362%
81	11.340	1568	1573	1575	rVV	11562083	17623810	18.45%	2.119%
82	11.369	1575	1578	1580	rVV	8167004	8515989	8.91%	1.024%
83	11.399	1580	1583	1591	rVV5	5046973	10303655	10.78%	1.239%
84	11.463	1591	1594	1598	rVB4	2829378	3142289	3.29%	0.378%
85	11.516	1598	1603	1605	rBV2	1594241	2493575	2.61%	0.300%
86	11.587	1605	1615	1618	rBV2	9935649	16599758	17.37%	1.996%
87	11.652	1621	1626	1630	rBV4	4092403	5947455	6.22%	0.715%
88	11.699	1630	1634	1637	rVV2	3733943	6000926	6.28%	0.722%
89	11.740	1637	1641	1643	rVV2	5040898	7073882	7.40%	0.851%
90	11.769	1644	1646	1653	rVB5	3691392	5987910	6.27%	0.720%
91	11.952	1673	1677	1681	rVV3	3938332	6746730	7.06%	0.811%
92	11.987	1681	1683	1688	rVB2	1985371	2410855	2.52%	0.290%
93	12.099	1698	1702	1705	rBV	6249908	7657811	8.01%	0.921%
94	12.481	1765	1767	1775	rVB4	1668110	2301668	2.41%	0.277%
95	12.946	1842	1846	1849	rVB	7417603	6575569	6.88%	0.791%
96	13.157	1874	1882	1891	rVB3	2930743	6965817	7.29%	0.838%
97	13.563	1947	1951	1962	rVB2	1482115	2597379	2.72%	0.312%
98	14.010	2023	2027	2030	rBV	2641155	2446584	2.56%	0.294%
99	15.493	2274	2279	2283	rBV	1913162	2404753	2.52%	0.289%
100	15.534	2283	2286	2308	rVB	1236759	1989178	2.08%	0.239%

Sum of corrected areas: 831581391

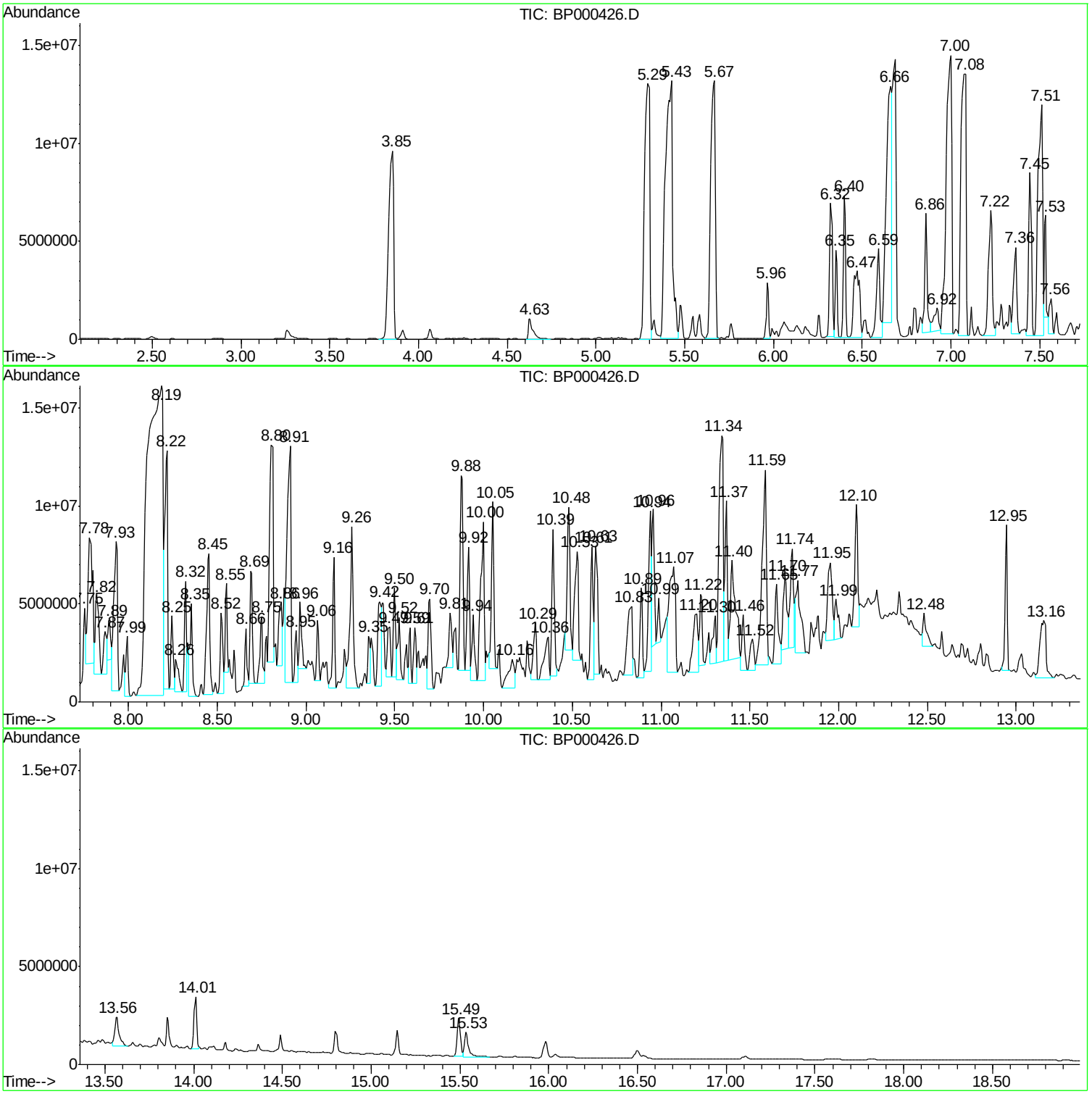
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
Data File : BP000426.D
Acq On : 26 Sep 2019 16:46
Operator : JU
Sample : K5019-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : QNWP8-MW26S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.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\BP092619\
Data File : BP000426.D
Acq On : 26 Sep 2019 16:46
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : QNWP8-MW26S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

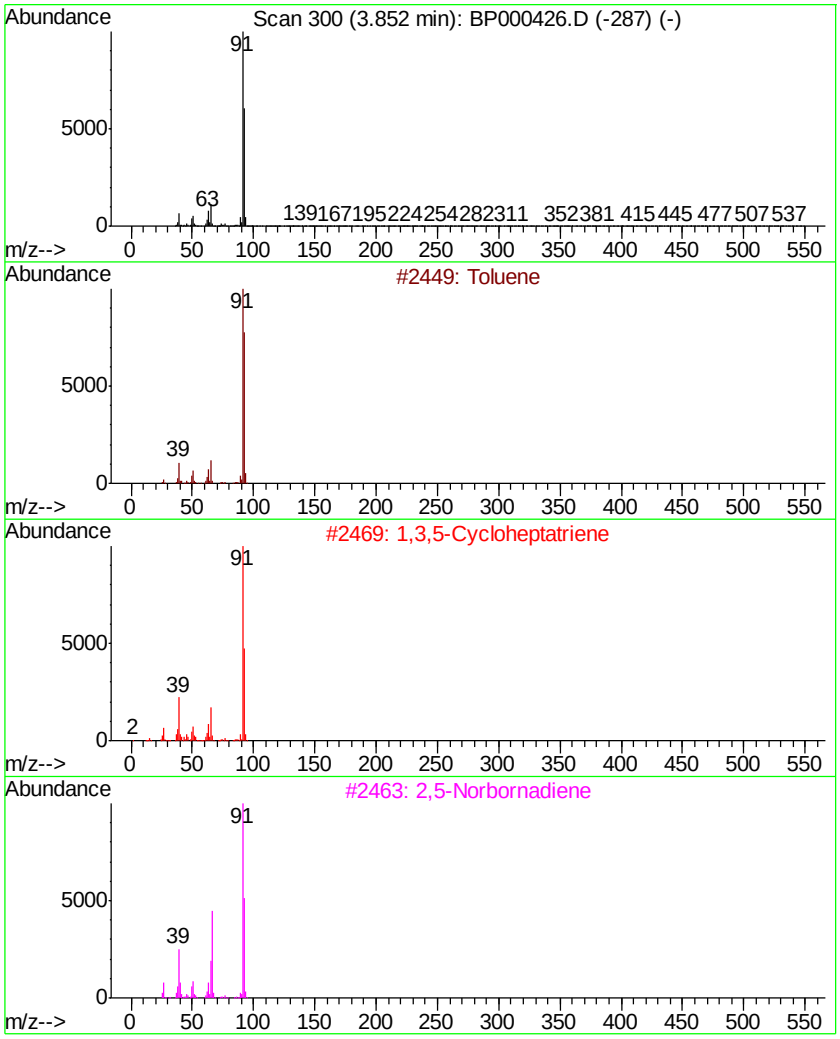
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

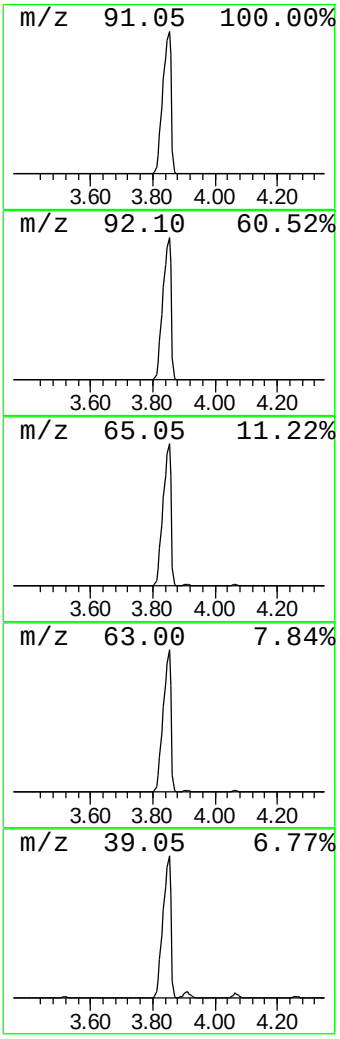
****

Peak Number 1 1,3,5-Cycloheptatriene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.85	55.89 ng	17884500	1,4-Dichlorobenzene-d4	6.80

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	64
4	Tetracyclo[3.2.0.0(2,7).0(4,6)]h...	92	C7H8	000278-06-8	64
5	Propanedinitrile, ethylidene-	92	C5H4N2	001508-07-2	53





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Sample : K5019-03
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Instrument : BNA_P
ClientSampleId : QNWP8-MW26S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

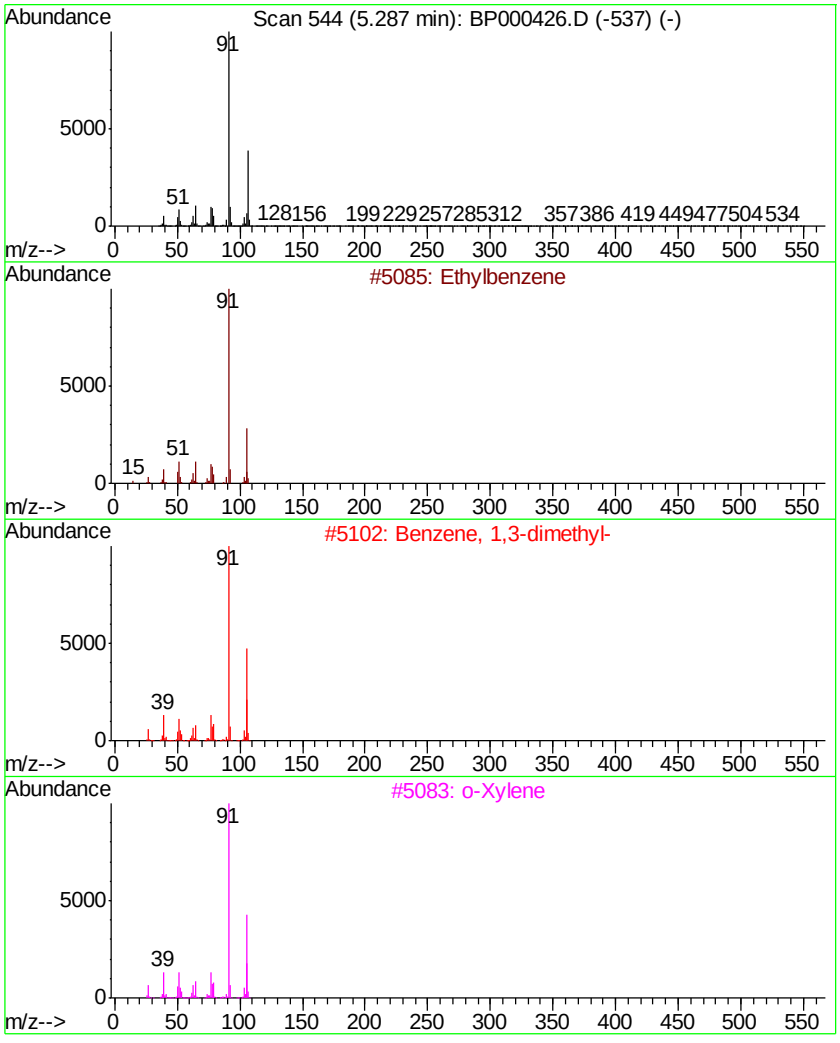
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

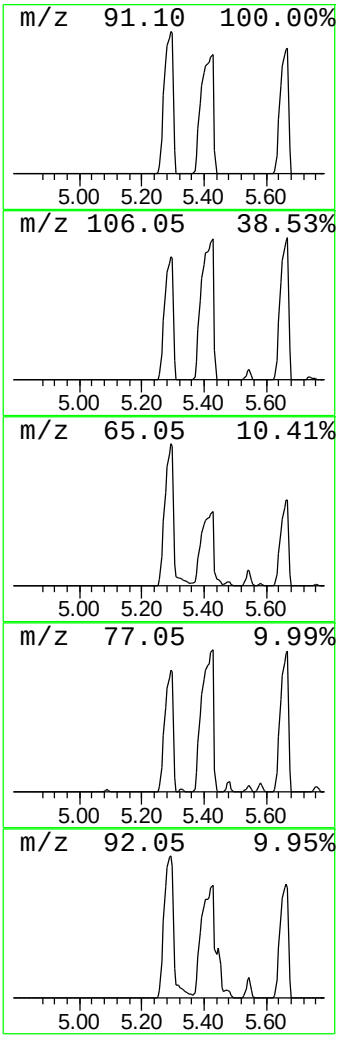
****

Peak Number 2 Ethylbenzene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	79.40 ng	25407600	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	91
3	o-Xylene	106	C8H10	000095-47-6	91
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	86
5	p-Xylene	106	C8H10	000106-42-3	64





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

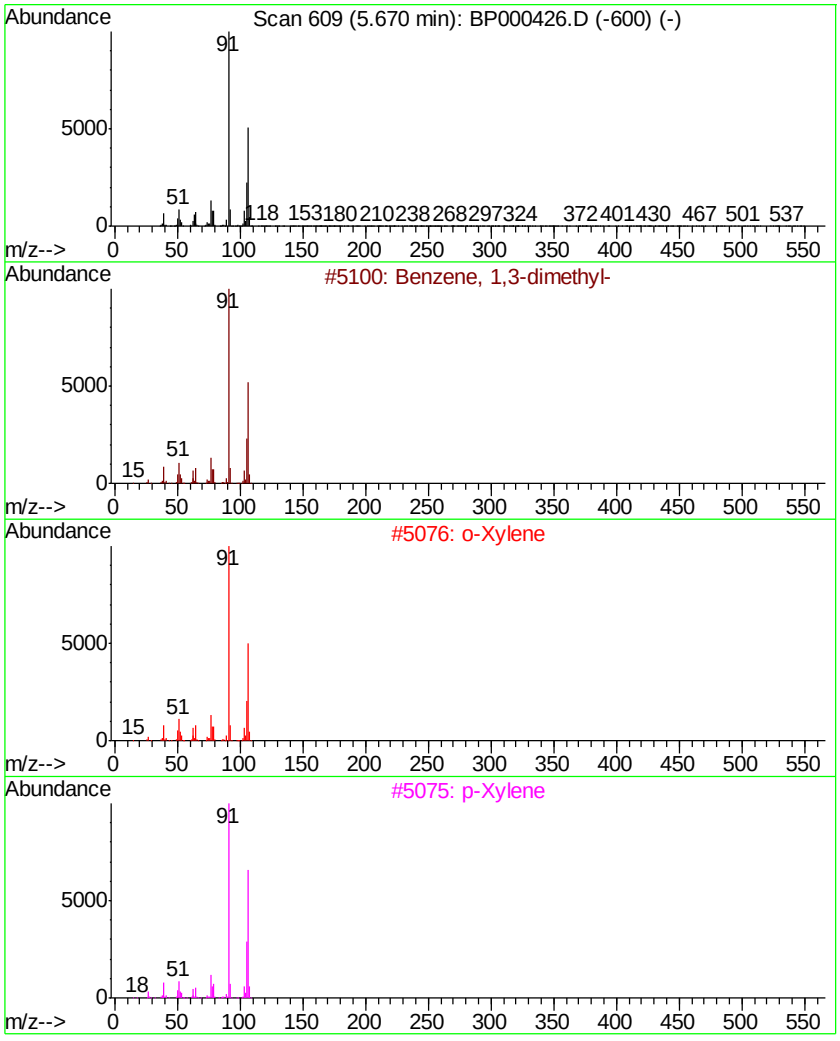
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

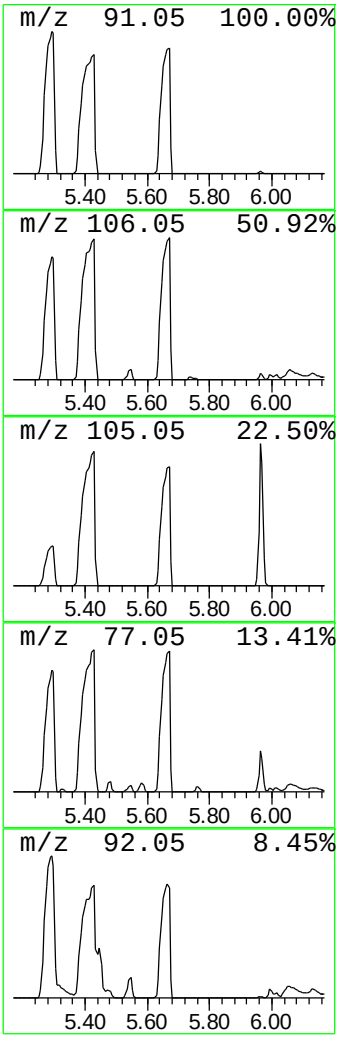
****

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.67	75.01 ng	24000300	1,4-Dichlorobenzene-d4	6.80

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	95
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	90
5	Ethylbenzene	106	C8H10	000100-41-4	83





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : QNWP8-MW26S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.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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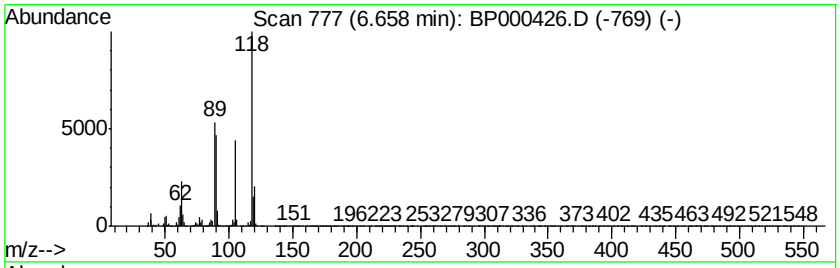
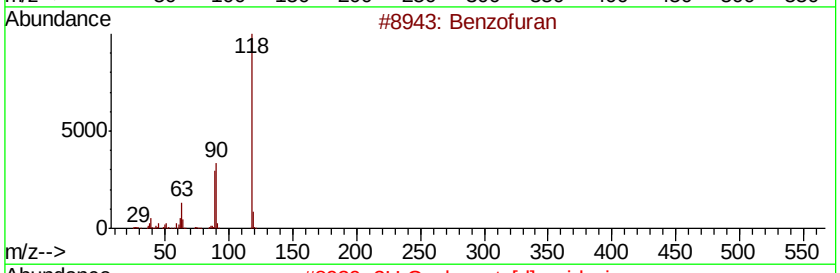
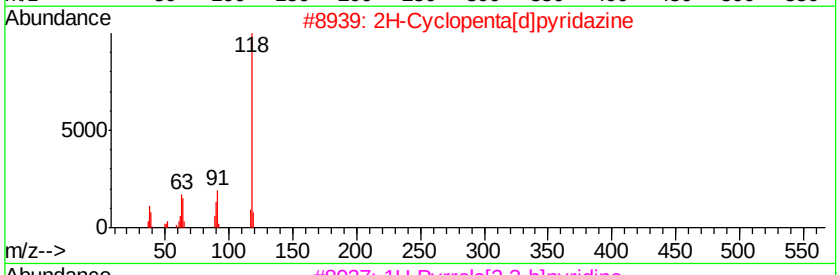
Peak Number 4 Benzofuran Concentration Rank 5

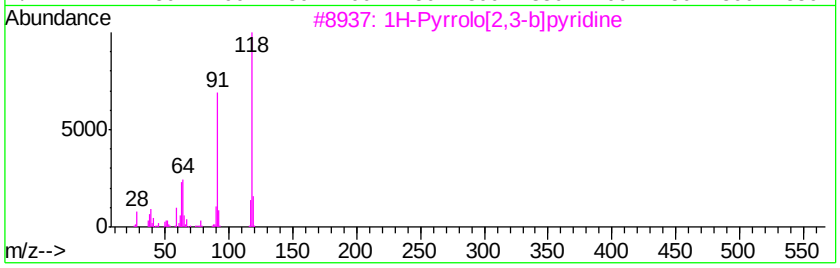
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	76.83 ng	24583100	1,4-Dichlorobenzene-d4	6.80

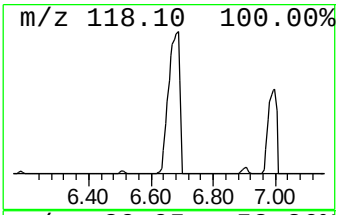
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	64
2	2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	50
3	1H-Pyrrolo[2,3-b]pyridine	118	C7H6N2	000271-63-6	38
4	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	35
5	Benzonitrile, m-amino-	118	C7H6N2	002237-30-1	12

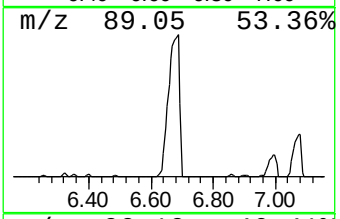


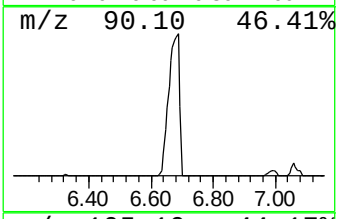


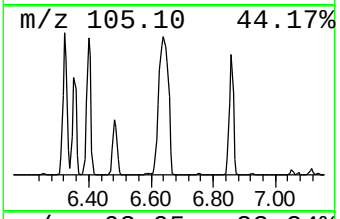


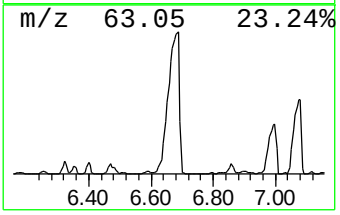












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Data File : BP000426.D
Acq On : 26 Sep 2019 16:46
Operator : JU
Sample : K5019-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : QNWP8-MW26S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.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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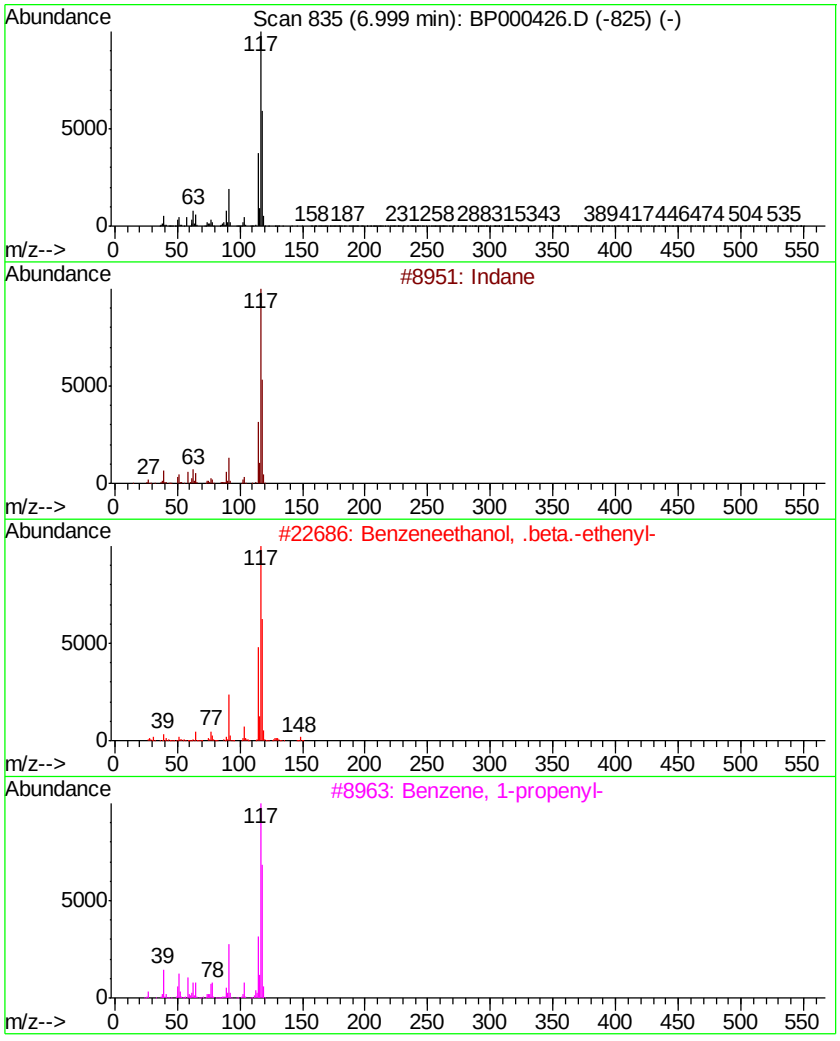
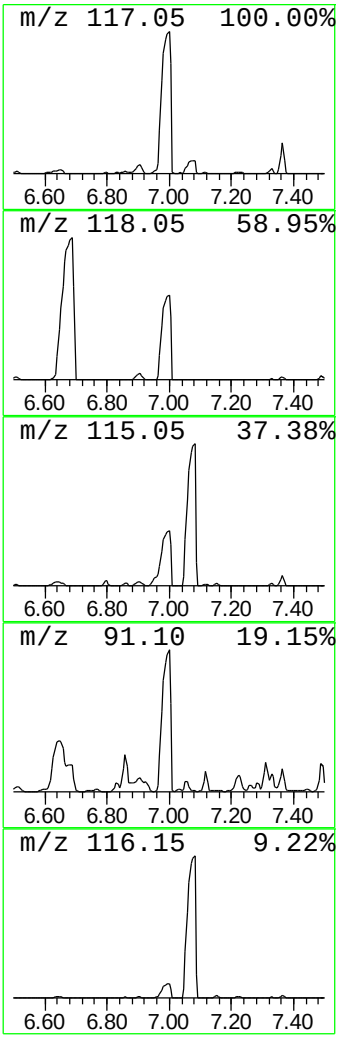
Peak Number 5 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	94.53 ng	30248800	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	83
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	83
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72





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Sample : K5019-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : QNWP8-MW26S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.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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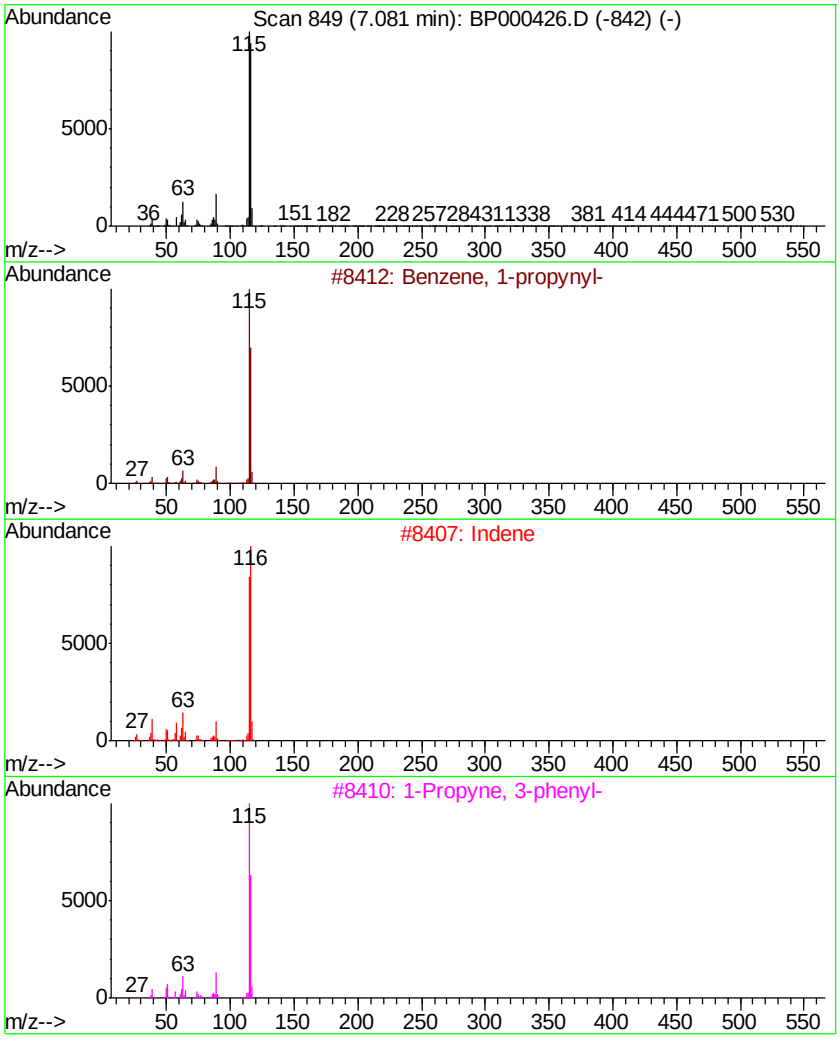
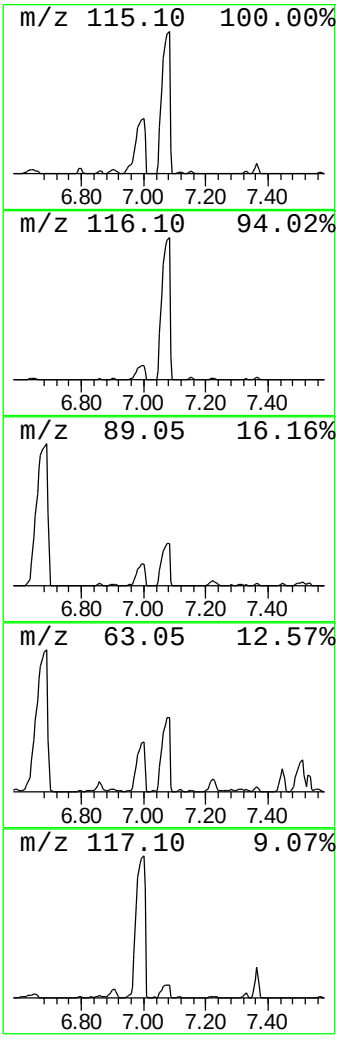
Peak Number 6 Benzene, 1-propynyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	79.36 ng	25394100	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
2	Indene	116	C9H8	000095-13-6	94
3	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	87





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Sample : K5019-03
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ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
QNWP8-MW26S-GW

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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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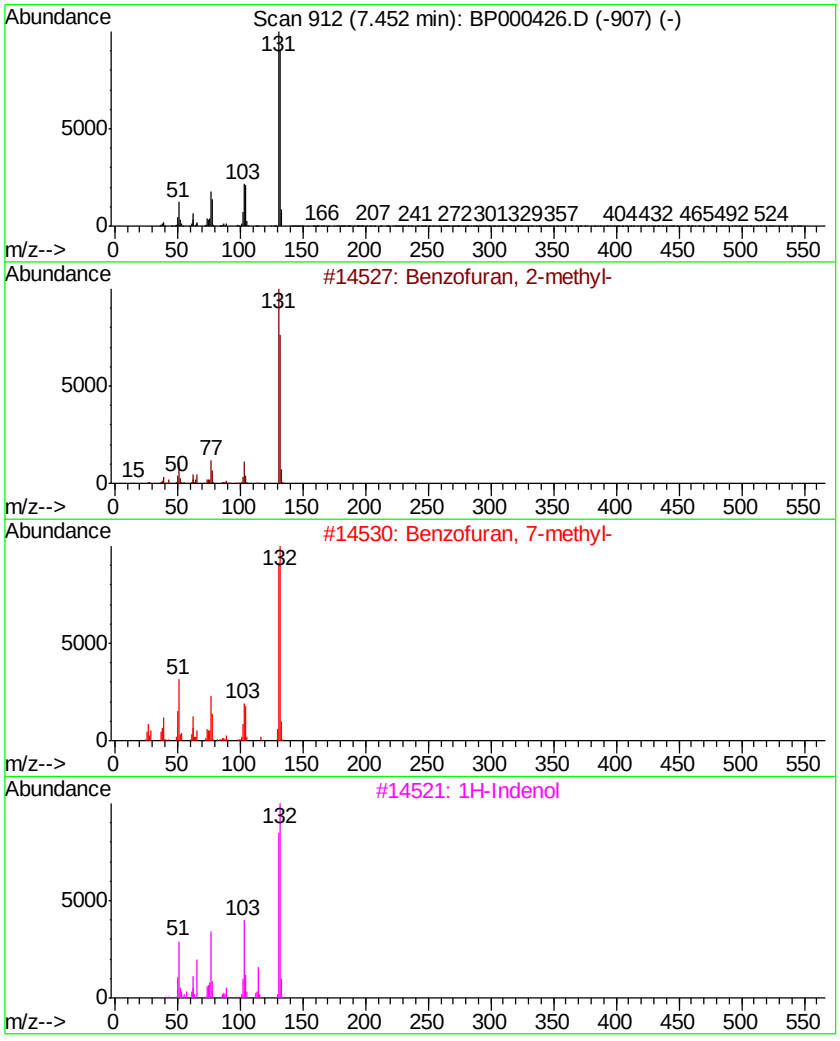
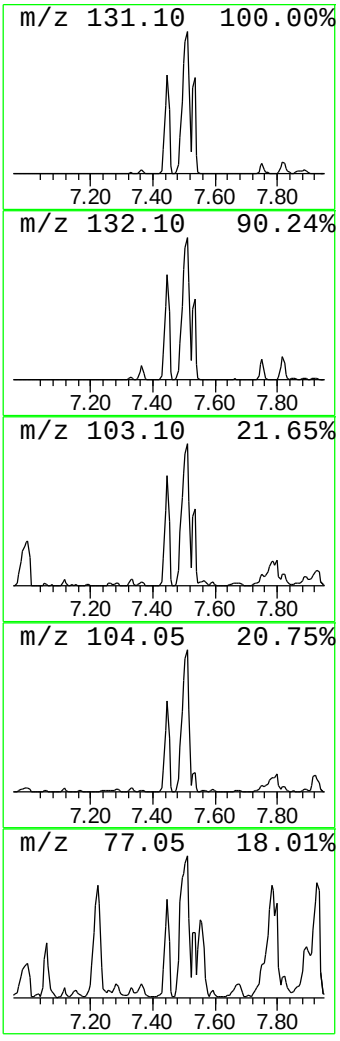
Peak Number 7 Benzofuran, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	54.73 ng	7903730	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	91
3	1H-Indenol	132	C9H8O	056631-57-3	90
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	87





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Sample : K5019-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : QNWP8-MW26S-GW

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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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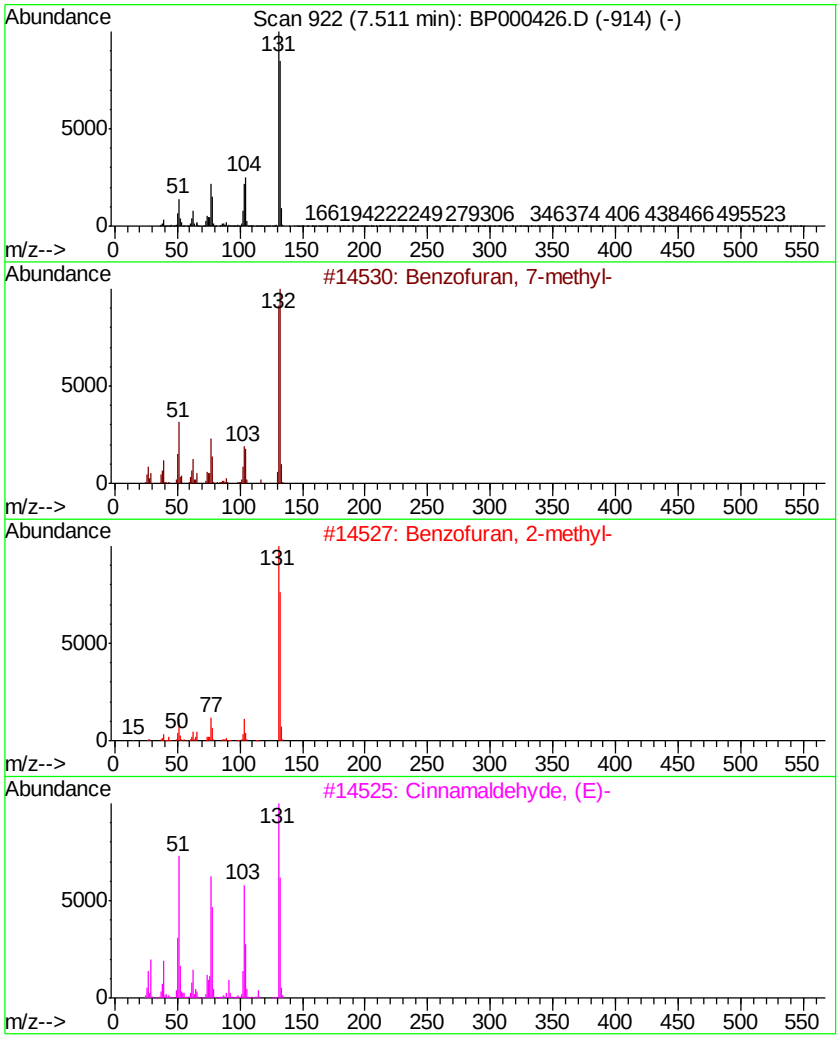
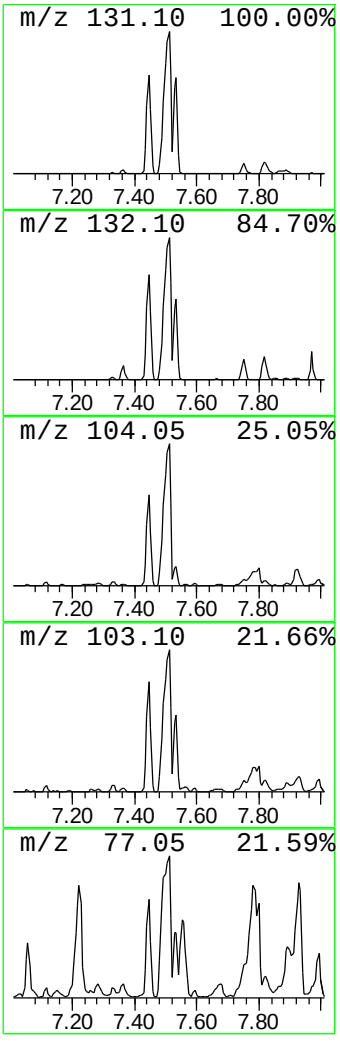
Peak Number 8 Benzofuran, 7-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.51	145.22 ng	20973200	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87
4	4-Aminobenzyl cyanide	132	C8H8N2	003544-25-0	86
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	83





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ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId : QNWP8-MW26S-GW

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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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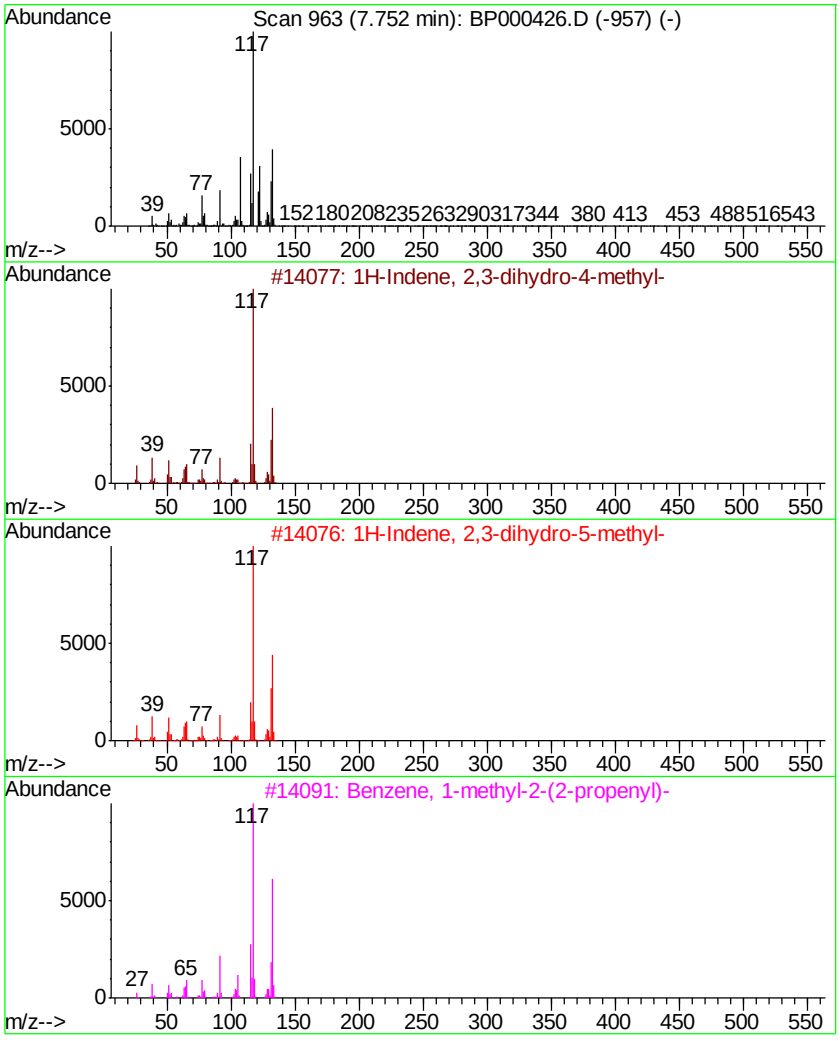
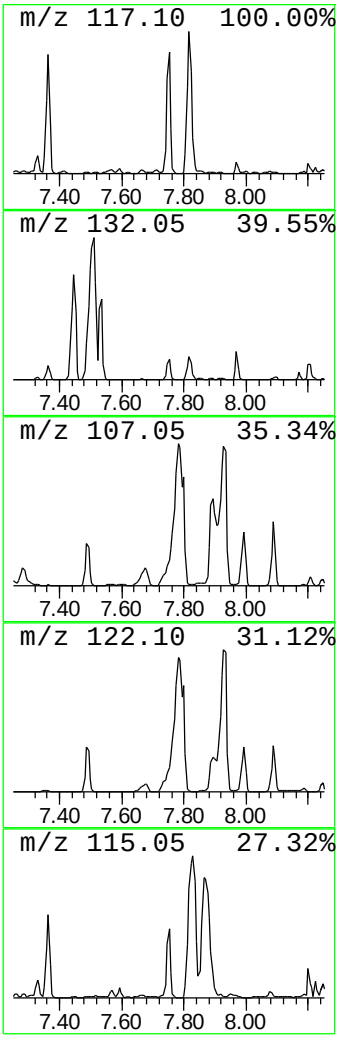
Peak Number 9 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	30.76 ng	4441820	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	62
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	62





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ClientSampleId : QNWP8-MW26S-GW

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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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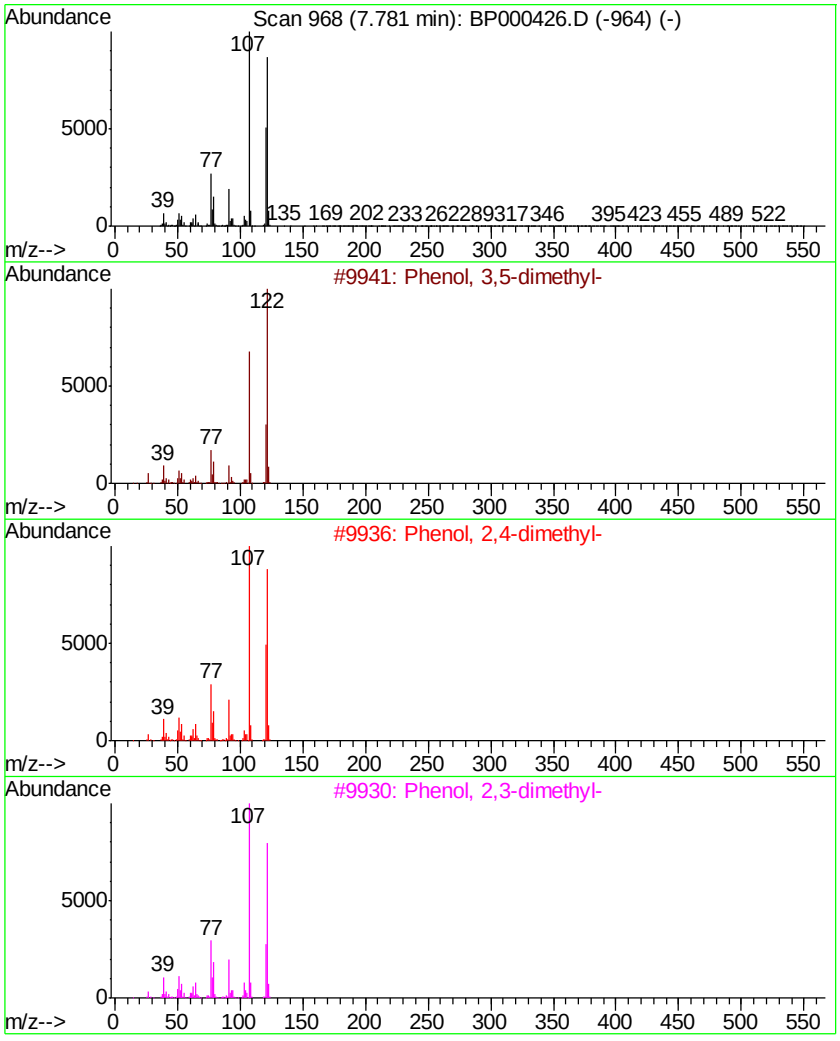
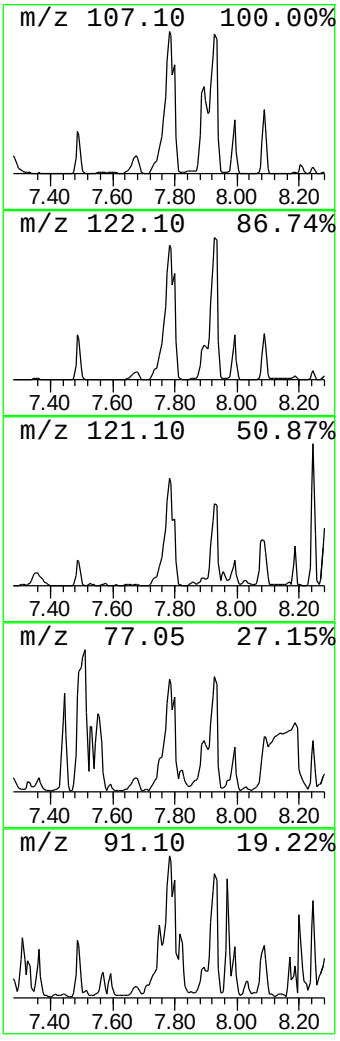
Peak Number 10 Phenol, 3,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	76.49 ng	11047000	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	95
2	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	95
3	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	94
4	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	91
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91





Library Search Compound Report

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Operator : JU
Sample : K5019-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : QNWP8-MW26S-GW

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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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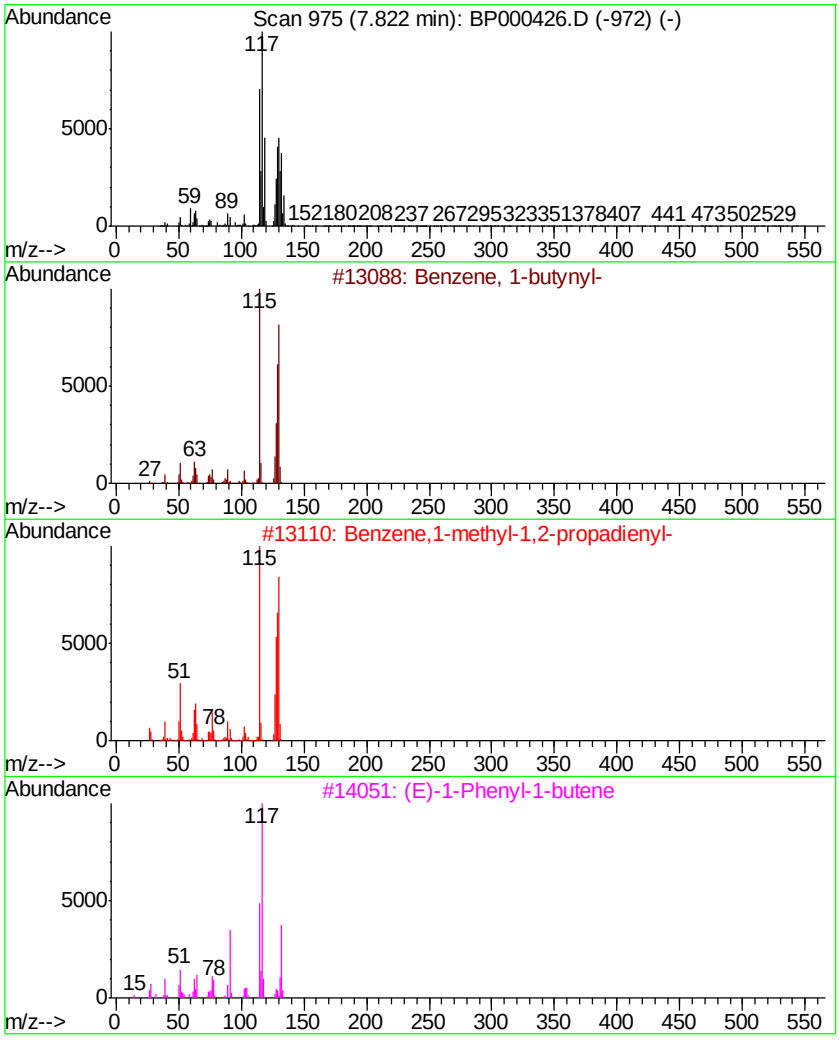
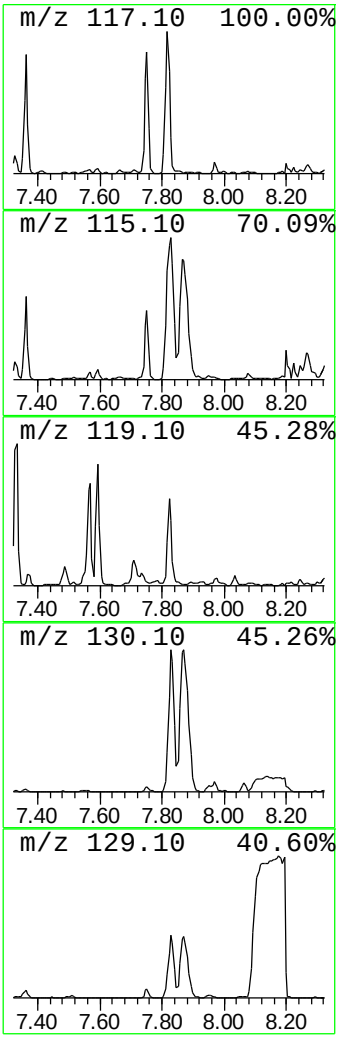
Peak Number 11 Benzene, 1-butynyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	36.12 ng	5217090	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	42
2	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	42
3	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	38
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	38
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	38





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ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
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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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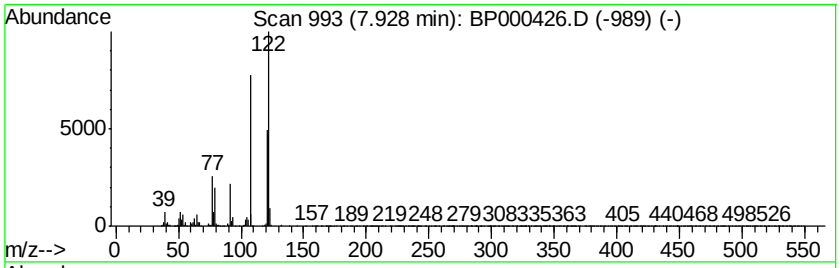
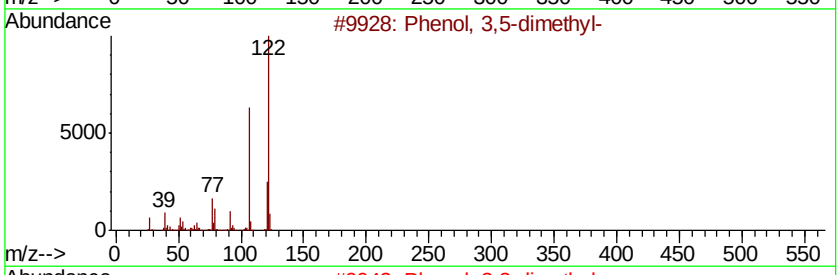
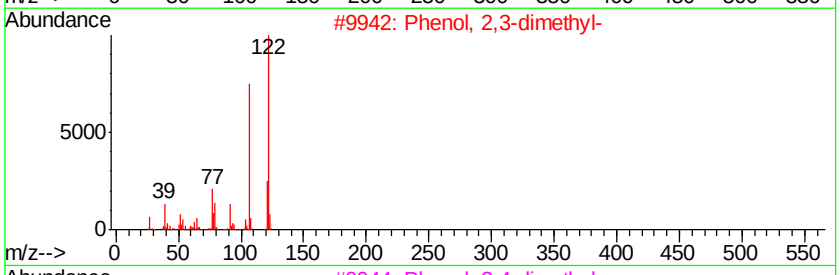
Peak Number 12 Phenol, 2,3-dimethyl- Concentration Rank 8

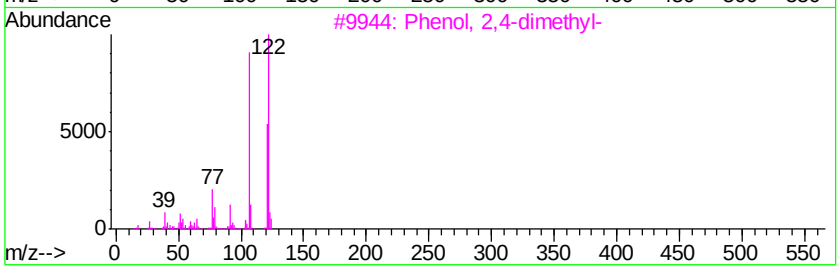
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	72.65 ng	10492400	Naphthalene-d8	8.08

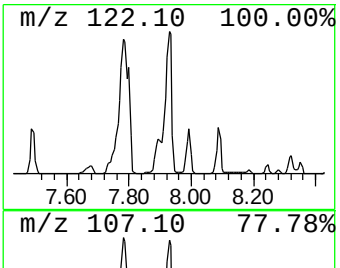
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
2	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	91
3	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	90
4	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	87
5	Phenol, 3,5-dimethyl-, methylcar...	179	C10H13NO2	002655-14-3	86

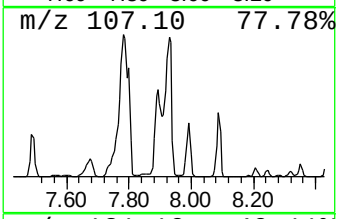


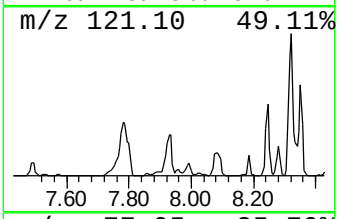


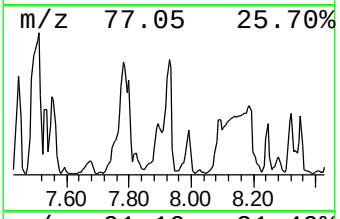


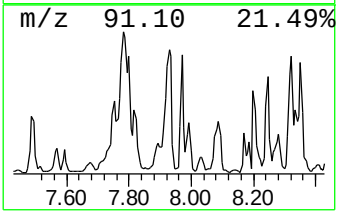












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Instrument : BNA_P
ClientSampleId : QNWP8-MW26S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.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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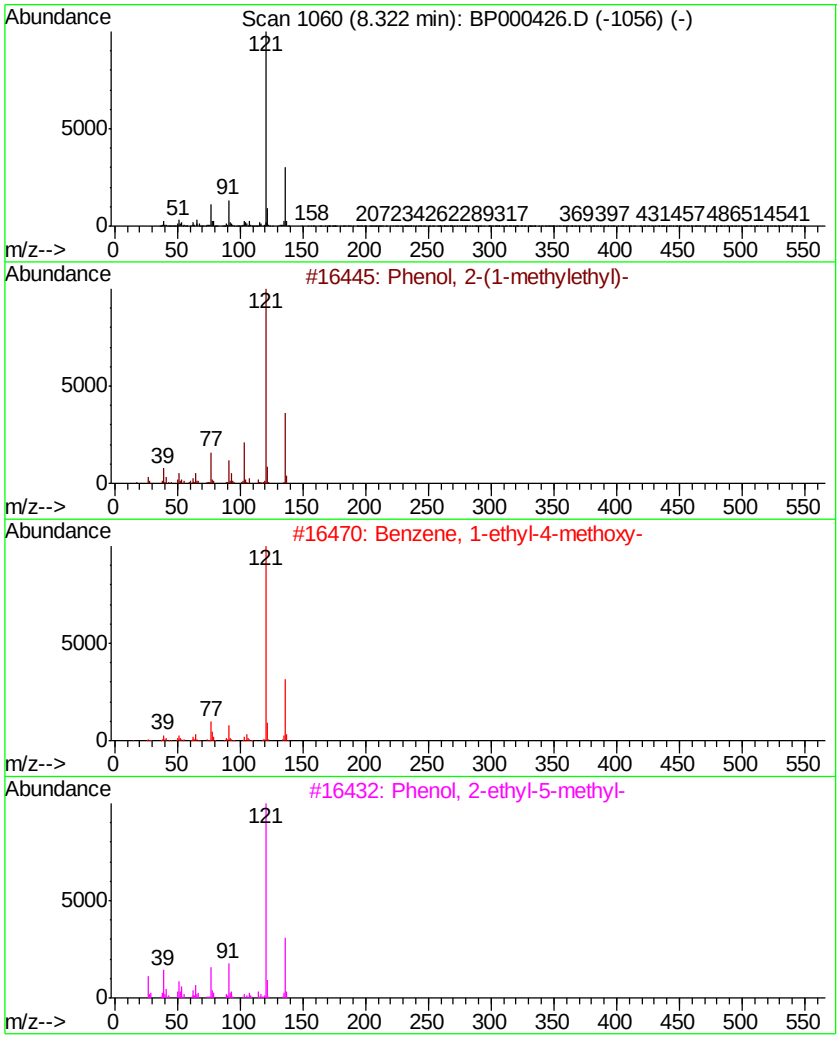
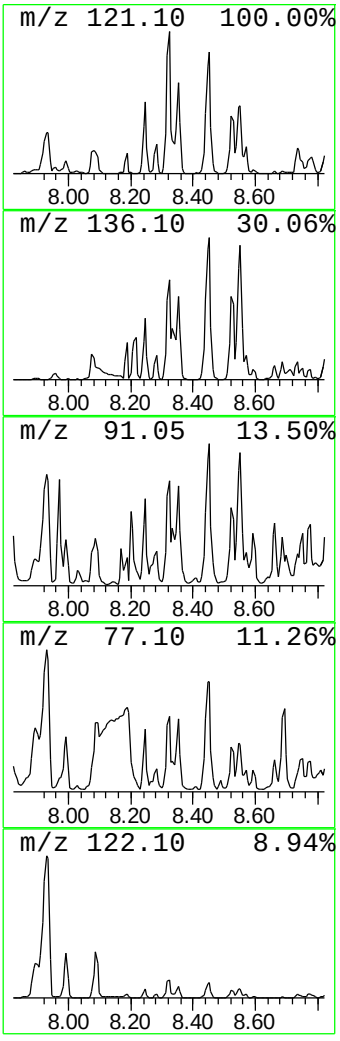
Peak Number 13 Phenol, 2-(1-methylethyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	34.58 ng	4993580	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	91
2	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	91
3	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
4	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	90
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	90





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Acq On : 26 Sep 2019 16:46
Operator : JU
Sample : K5019-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : QNWP8-MW26S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

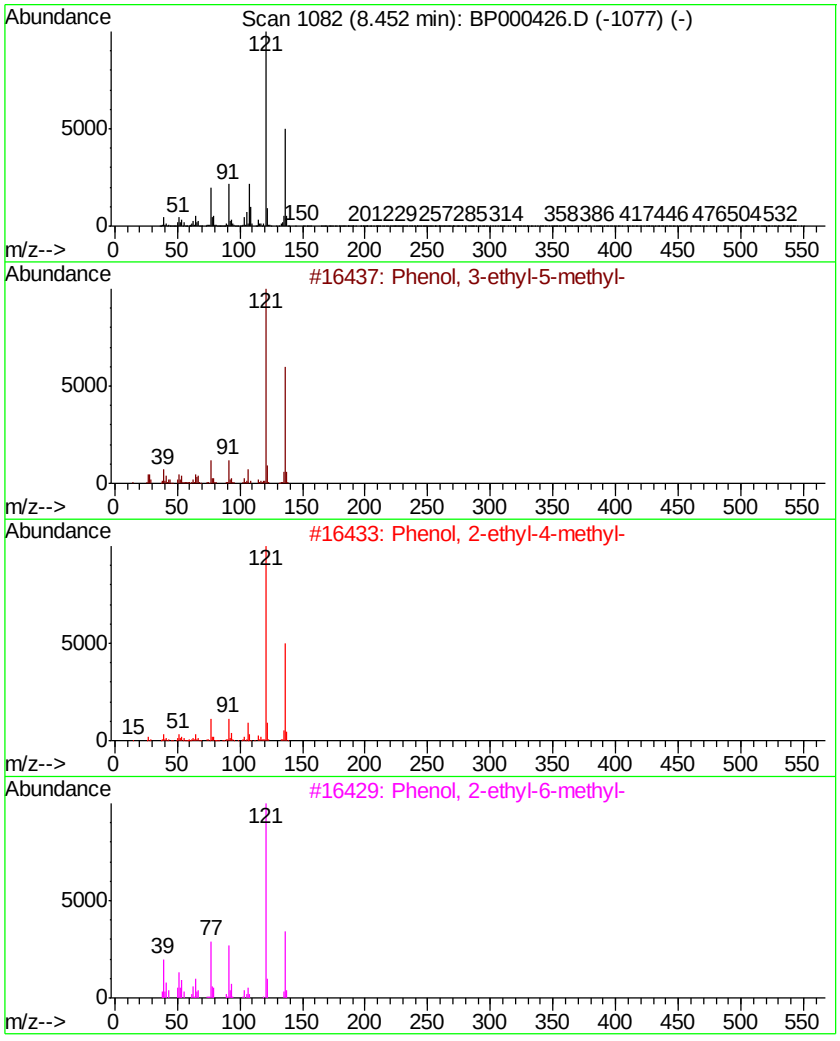
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

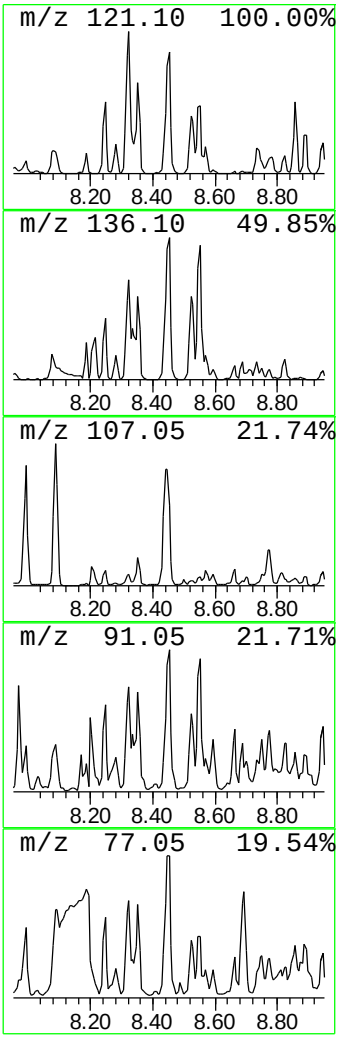
****

Peak Number 14 Phenol, 3-ethyl-5-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	61.45 ng	8875040	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	87
2	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	86
3	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	83
4	1,3-Cyclopentadiene, 1,2,3,4,5-p...	136	C10H16	004045-44-7	80
5	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
Data File : BP000426.D
Acq On : 26 Sep 2019 16:46
Operator : JU
Sample : K5019-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : QNWP8-MW26S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.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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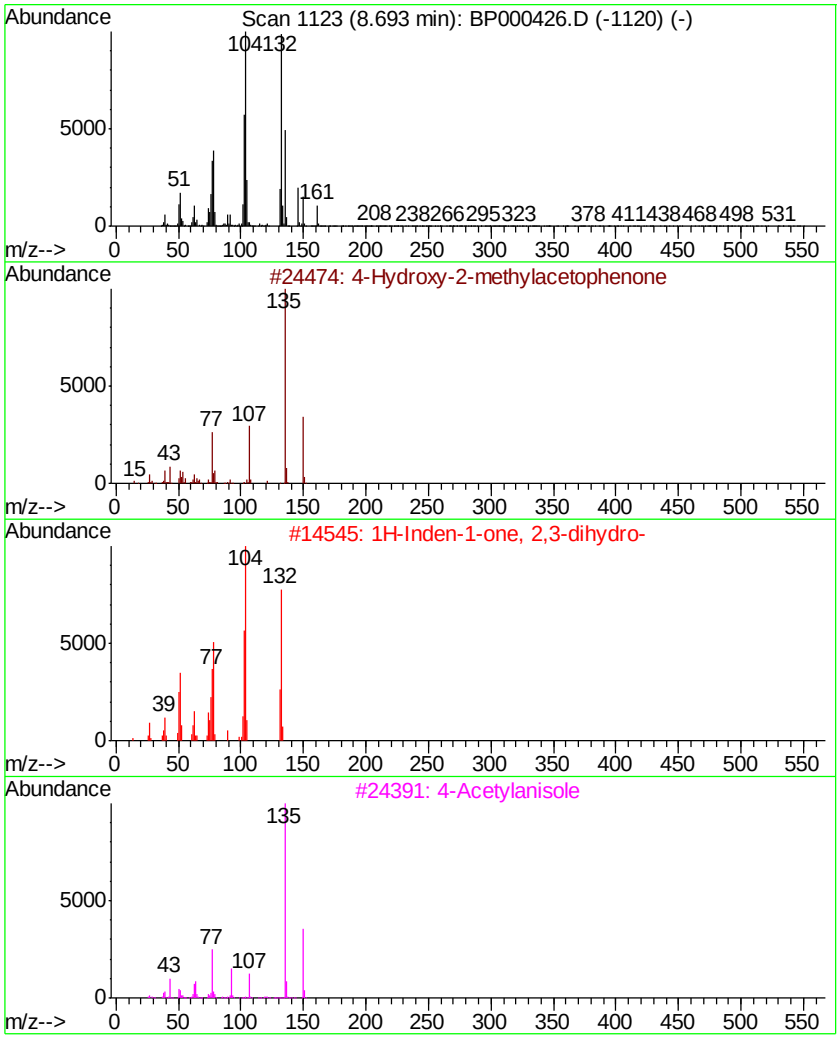
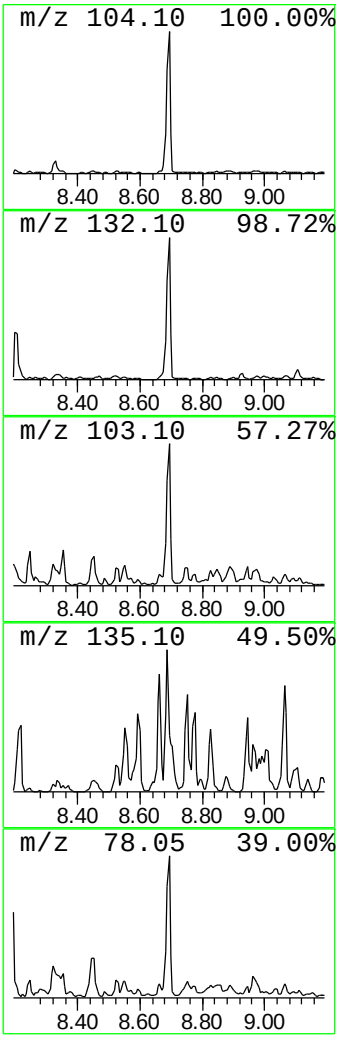
Peak Number 15 unknown8.69 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	41.58 ng	6005730	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	45
2	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	45
3	4-Acetylanisole	150	C9H10O2	000100-06-1	43
4	Methyl benzoate, imine	135	C8H9NO	007471-86-5	43
5	1-(4-Hydroxymethylphenyl)ethanone	150	C9H10O2	075633-63-5	43





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Sample : K5019-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : QNWP8-MW26S-GW

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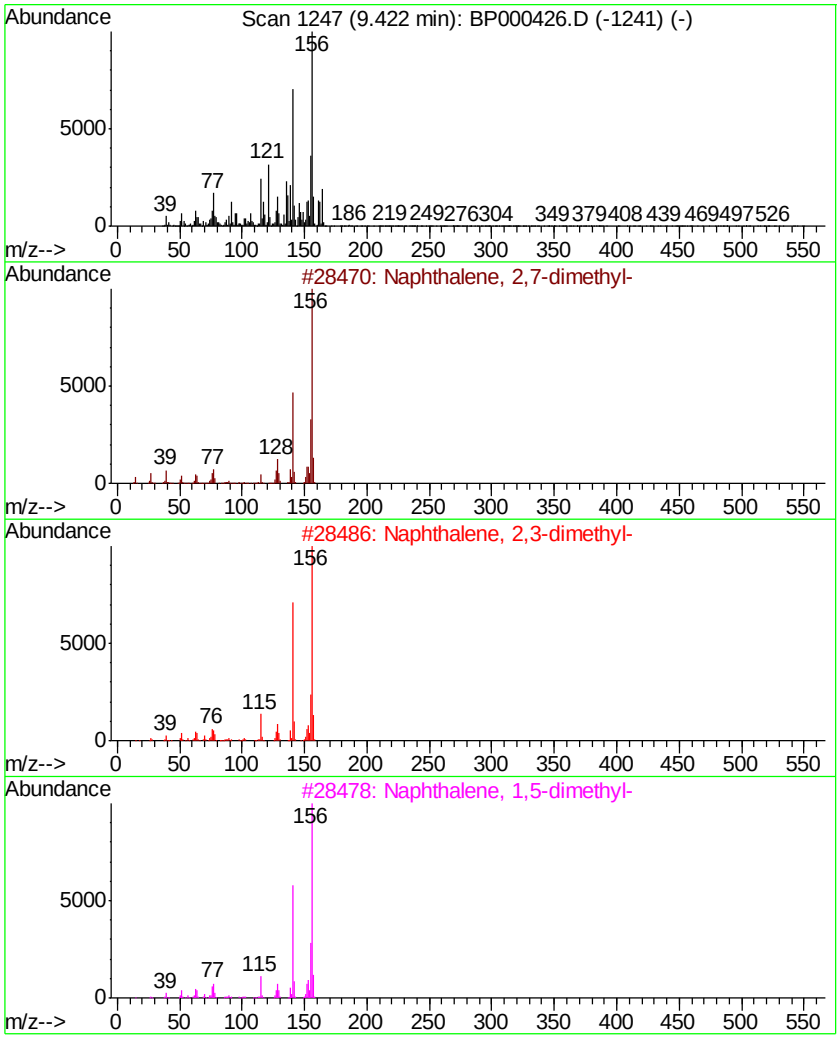
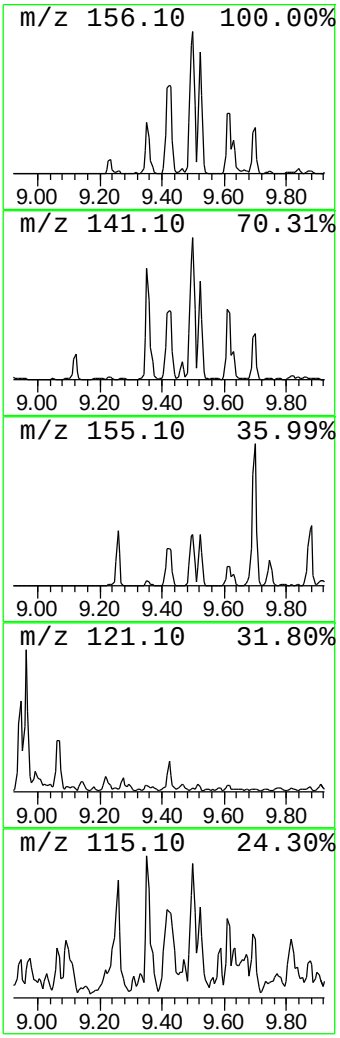
Peak Number 16 Naphthalene, 2,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	32.81 ng	5796060	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93





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Operator : JU
Sample : K5019-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : QNWP8-MW26S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
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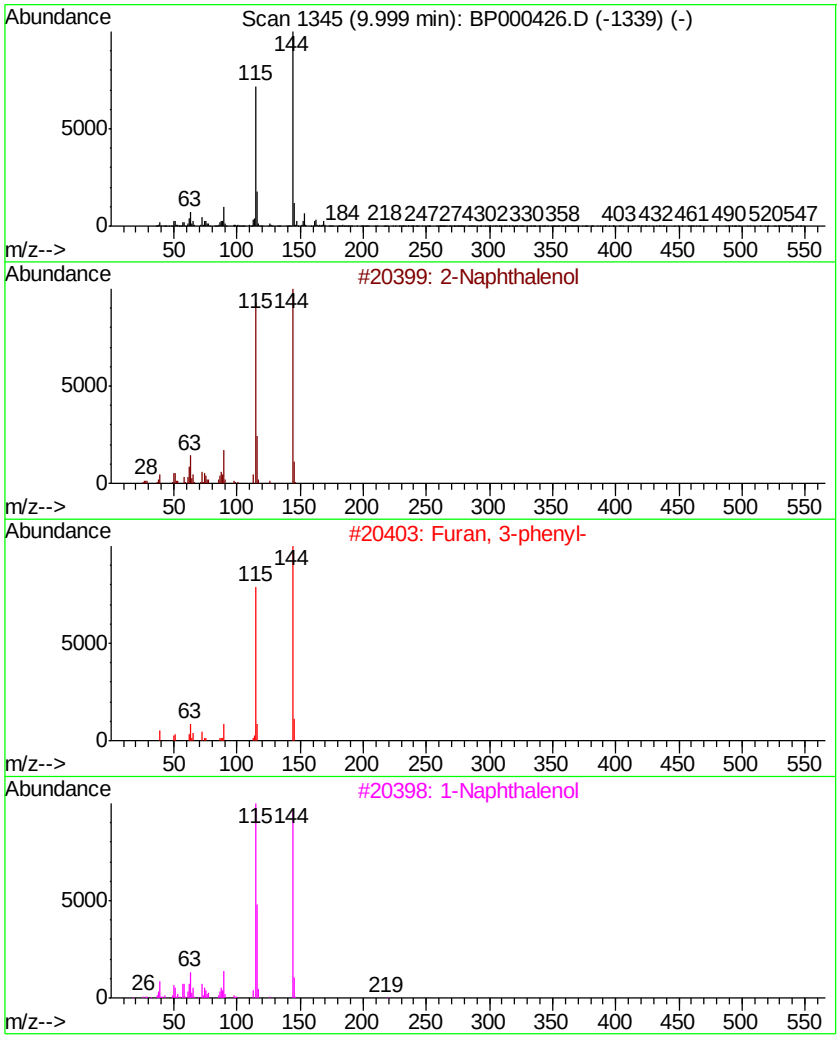
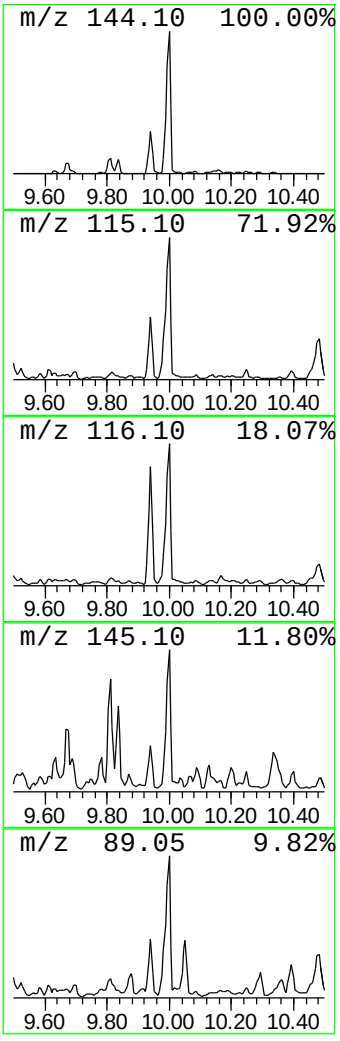
Peak Number 17 2-Naphthalenol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	64.55 ng	11403800	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenol	144	C10H8O	000135-19-3	93
2	Furan, 3-phenyl-	144	C10H8O	013679-41-9	90
3	1-Naphthalenol	144	C10H8O	000090-15-3	83
4	Benzofuran, 2-ethenyl-	144	C10H8O	007522-79-4	83
5	Cinnoline, 3-methyl-	144	C9H8N2	017372-78-0	80





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Acq On : 26 Sep 2019 16:46
Operator : JU
Sample : K5019-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : QNWP8-MW26S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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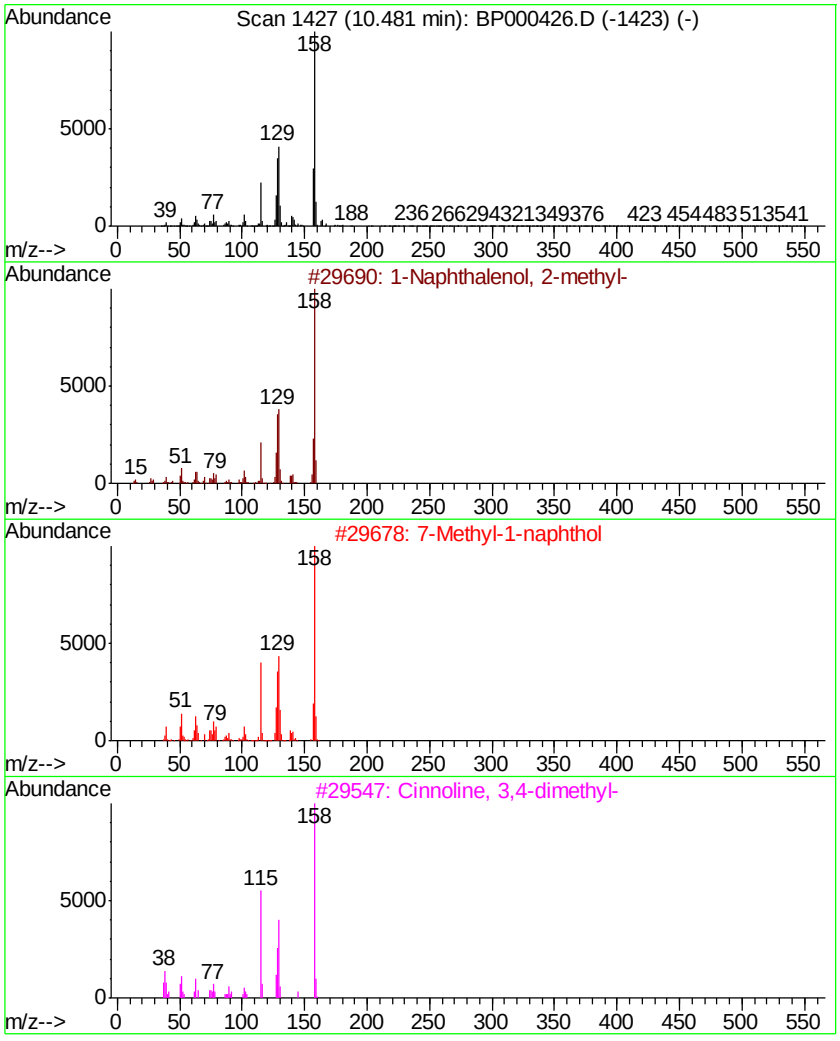
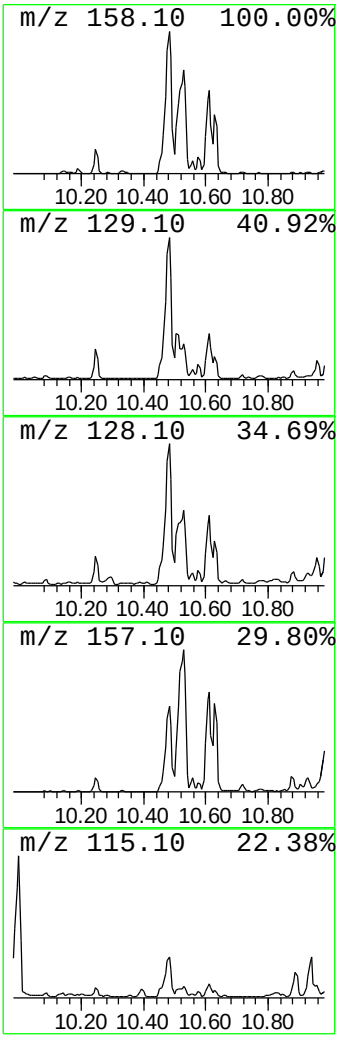
Peak Number 18 1-Naphthalenol, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	48.81 ng	8623250	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	95
2	7-Methyl-1-naphthol	158	C11H10O	006939-33-9	93
3	Cinnoline, 3,4-dimethyl-	158	C10H10N2	003929-83-7	64
4	Benzene, 1,3-bis(1-methylethenyl)-	158	C12H14	003748-13-8	50
5	1,8-Naphthyridine, 2,6-dimethyl-	158	C10H10N2	014757-45-0	49





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ClientSampleId : QNWP8-MW26S-GW

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TIC Integration Parameters: LSCINT.P

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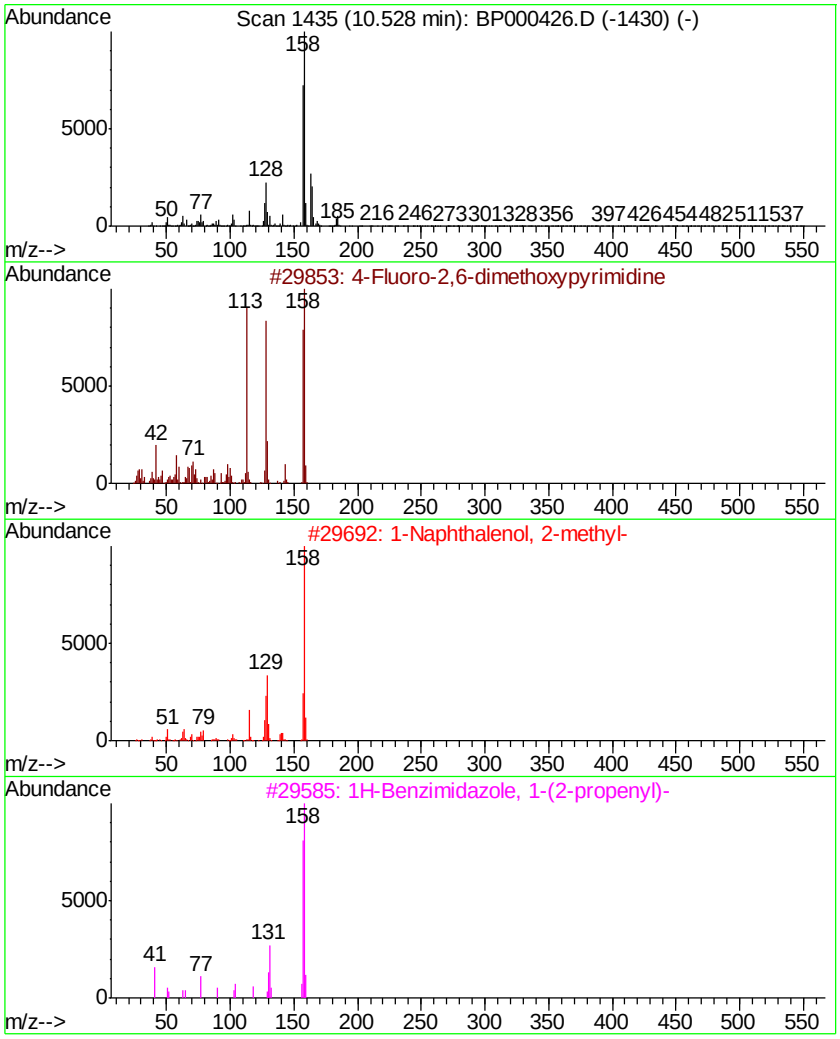
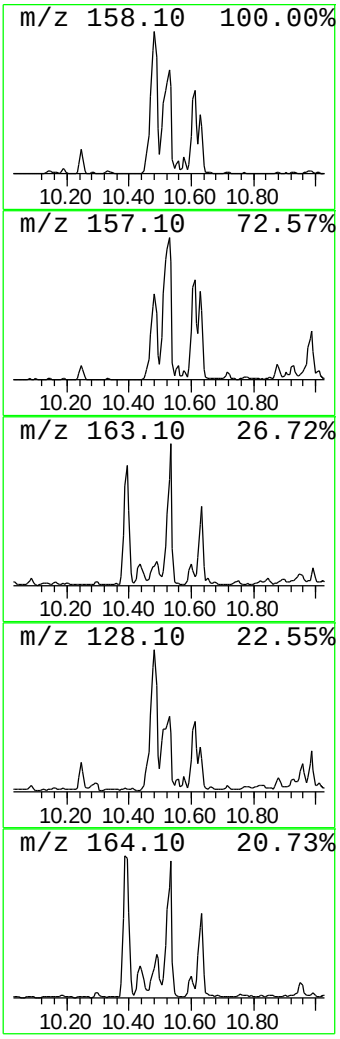
Peak Number 19 4-Fluoro-2,6-dimethoxypyrim... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	50.42 ng	8908600	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Fluoro-2,6-dimethoxypyrimidine	158	C6H7FN2O2	000658-87-7	53
2	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	50
3	1H-Benzimidazole, 1-(2-propenyl)-	158	C10H10N2	019018-22-5	47
4	1-(2-Aminophenyl)pyrrole	158	C10H10N2	006025-60-1	47
5	1,4-Naphthalenediamine	158	C10H10N2	002243-61-0	43





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Instrument : BNA_P
ClientSampleId : QNWP8-MW26S-GW

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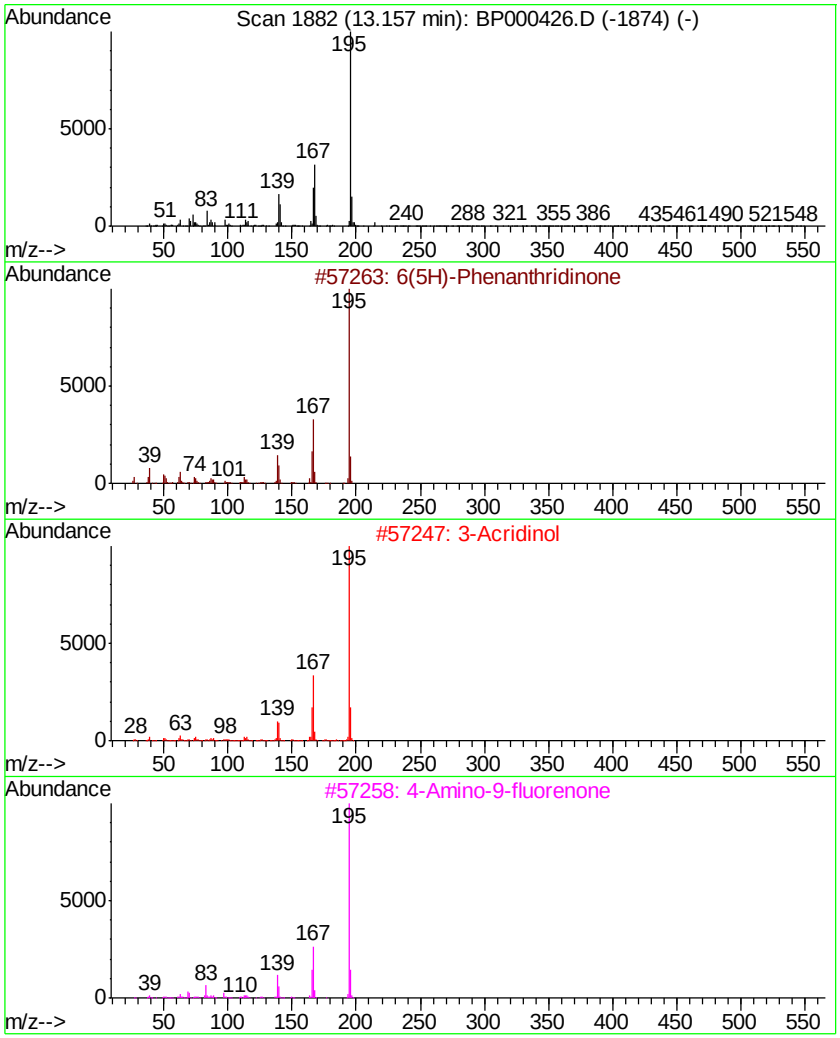
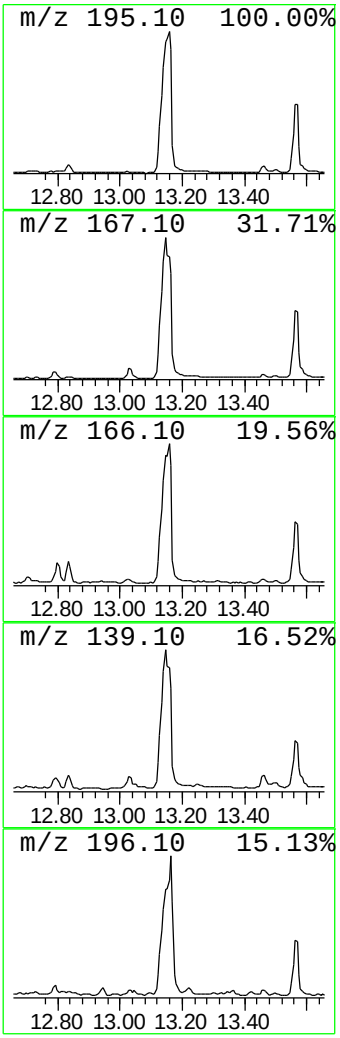
Peak Number 20 6(5H)-Phenanthridinone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	56.94 ng	6965820	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	96
2	3-Acridinol	195	C13H9NO	007132-70-9	96
3	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	95
4	9(10H)-Acridinone	195	C13H9NO	000578-95-0	94
5	8-Methyl-4-azafluorenone	195	C13H9NO	064292-03-1	94





Tentatively Identified Compound (LSC) summary

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Data File : BP000426.D
Acq On : 26 Sep 2019 16:46
Operator : JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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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
1,3,5-Cycloheptat...	3.85	55.9	ng	17884500	1	6.80	6399620	20.0
Ethylbenzene	5.29	79.4	ng	25407600	1	6.80	6399620	20.0
Benzene, 1,3-dime...	5.67	75.0	ng	24000300	1	6.80	6399620	20.0
Benzofuran	6.66	76.8	ng	24583100	1	6.80	6399620	20.0
Indane	7.00	94.5	ng	30248800	1	6.80	6399620	20.0
Benzene, 1-propynyl-	7.08	79.4	ng	25394100	1	6.80	6399620	20.0
Benzofuran, 2-met...	7.45	54.7	ng	7903730	2	8.08	2888510	20.0
Benzofuran, 7-met...	7.51	145.2	ng	20973200	2	8.08	2888510	20.0
1H-Indene, 2,3-di...	7.75	30.8	ng	4441820	2	8.08	2888510	20.0
Phenol, 3,5-dimet...	7.78	76.5	ng	11047000	2	8.08	2888510	20.0
Benzene, 1-butynyl-	7.82	36.1	ng	5217090	2	8.08	2888510	20.0
Phenol, 2,3-dimet...	7.93	72.7	ng	10492400	2	8.08	2888510	20.0
Phenol, 2-(1-meth...	8.32	34.6	ng	4993580	2	8.08	2888510	20.0
Phenol, 3-ethyl-5...	8.45	61.5	ng	8875040	2	8.08	2888510	20.0
unknown8.69	8.69	41.6	ng	6005730	2	8.08	2888510	20.0
Naphthalene, 2,7-...	9.42	32.8	ng	5796060	3	9.84	3533480	20.0
2-Naphthalenol	10.00	64.5	ng	11403800	3	9.84	3533480	20.0
1-Naphthalenol, 2...	10.48	48.8	ng	8623250	3	9.84	3533480	20.0
4-Fluoro-2,6-dime...	10.53	50.4	ng	8908600	3	9.84	3533480	20.0
6(5H)-Phenanthrid...	13.16	56.9	ng	6965820	5	14.01	2446580	20.0