LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
Data File : BP000427.D
Acq On : 26 Sep 2019 17:10
Operator : JU
Sample : K5019-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : QNWP8-MW27S-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	4.999	491	495	502	rVB	160277	168557	4.33%	0.184%
2	5.275	538	542	546	rBV	1235121	1105664	28.39%	1.207%
3	5.381	556	560	561	rBV	195576	170690	4.38%	0.186%
4	5.422	561	567	570	rVB2	2820201	2866218	73.60%	3.130%
5	5.640	600	604	608	rBV	320204	266122	6.83%	0.291%
6	5.963	655	659	663	rBV	289519	245556	6.31%	0.268%
7	6.428	734	738	744	rVV2	2078230	2320366	59.58%	2.534%
8	6.558	756	760	764	rBV	3022493	2634054	67.64%	2.877%
9	6.640	772	774	778	rVB	467439	374770	9.62%	0.409%
10	6.787	796	799	802	rBV	1604730	1247967	32.04%	1.363%
11	6.940	821	825	828	rBV	2032091	1931346	49.59%	2.109%
12	6.969	828	830	833	rVB	1751297	1260161	32.36%	1.376%
13	7.046	839	843	848	rVB	976629	764850	19.64%	0.835%
14	7.346	888	894	899	rVB2	1927538	1913098	49.12%	2.089%
15	7.434	906	909	912	rBV	1011233	798189	20.50%	0.872%
16	7.493	912	919	921	rVV2	1210119	1497919	38.46%	1.636%
17	7.516	921	923	926	rVV	236306	184413	4.74%	0.201%
18	7.558	926	930	933	rVV2	246142	240113	6.17%	0.262%
19	7.810	969	973	977	rBV4	230961	252803	6.49%	0.276%
20	7.863	977	982	987	rBV3	155247	255802	6.57%	0.279%
21	8.069	1012	1017	1019	rBV	1815840	1719961	44.16%	1.878%
22	8.093	1019	1021	1023	rVV	3438221	2658717	68.27%	2.903%
23	8.110	1023	1024	1026	rVV	510369	313700	8.06%	0.343%
24	8.140	1026	1029	1033	rVV	891668	821760	21.10%	0.897%
25	8.322	1055	1060	1064	rBV	428405	380236	9.76%	0.415%
26	8.446	1079	1081	1085	rVB2	339266	317369	8.15%	0.347%
27	8.493	1085	1089	1093	rBV3	164183	204799	5.26%	0.224%
28	8.540	1093	1097	1101	rVB2	414167	442707	11.37%	0.483%
29	8.640	1110	1114	1116	rBV2	172250	189376	4.86%	0.207%
30	8.663	1116	1118	1123	rVB3	229551	233774	6.00%	0.255%
31	8.740	1123	1131	1132	rBV2	313473	396804	10.19%	0.433%
32	8.757	1132	1134	1136	rVB	260621	169035	4.34%	0.185%
33	8.846	1146	1149	1151	rVB2	184105	178764	4.59%	0.195%
34	8.887	1151	1156	1159	rVB	1968319	1810662	46.49%	1.977%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
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Acq On : 26 Sep 2019 17:10
Operator : JU
Sample : K5019-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : QNWP8-MW27S-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	8.928	1159	1163	1165	rBV	444976	383158	9.84%	0.418%
36	8.981	1169	1172	1176	rVB3	182595	222743	5.72%	0.243%
37	9.052	1181	1184	1188	rBV2	379029	404829	10.39%	0.442%
38	9.099	1191	1192	1195	rVB2	288242	221589	5.69%	0.242%
39	9.152	1195	1201	1208	rVB	4241952	3894460	100.00%	4.253%
40	9.234	1212	1215	1217	rBV2	357832	363566	9.34%	0.397%
41	9.299	1222	1226	1232	rVB	272638	404197	10.38%	0.441%
42	9.363	1232	1237	1239	rBV2	934125	963447	24.74%	1.052%
43	9.399	1239	1243	1245	rVV3	560635	596841	15.33%	0.652%
44	9.422	1245	1247	1249	rVV	436656	401371	10.31%	0.438%
45	9.452	1249	1252	1256	rVV2	1419871	1287401	33.06%	1.406%
46	9.493	1256	1259	1262	rVV3	512355	593649	15.24%	0.648%
47	9.546	1265	1268	1271	rVV	996974	880173	22.60%	0.961%
48	9.575	1271	1273	1275	rVB2	374032	249079	6.40%	0.272%
49	9.604	1275	1278	1280	rBV2	266536	216049	5.55%	0.236%
50	9.687	1287	1292	1296	rVB3	480797	731893	18.79%	0.799%
51	9.799	1308	1311	1313	rBV2	175306	189037	4.85%	0.206%
52	9.834	1313	1317	1320	rVV	2328434	1915934	49.20%	2.092%
53	9.863	1320	1322	1325	rVB	1257166	1047886	26.91%	1.144%
54	9.899	1325	1328	1330	rBV	631096	500972	12.86%	0.547%
55	9.928	1330	1333	1336	rVB3	171331	184398	4.73%	0.201%
56	10.040	1349	1352	1354	rBV	647521	511360	13.13%	0.558%
57	10.175	1369	1375	1381	rVV8	183467	458252	11.77%	0.500%
58	10.293	1391	1395	1398	rVB	333001	376385	9.66%	0.411%
59	10.381	1407	1410	1415	rVB	671784	678271	17.42%	0.741%
60	10.469	1419	1425	1427	rVV	429490	540038	13.87%	0.590%
61	10.493	1427	1429	1430	rVV2	232389	206247	5.30%	0.225%
62	10.510	1430	1432	1435	rVB	300852	309885	7.96%	0.338%
63	10.593	1443	1446	1448	rBV	758334	652893	16.76%	0.713%
64	10.628	1448	1452	1456	rVB3	2596268	2646603	67.96%	2.890%
65	10.751	1470	1473	1478	rBV2	431322	455280	11.69%	0.497%
66	10.934	1496	1504	1508	rVV3	1315531	2369347	60.84%	2.587%
67	10.969	1508	1510	1515	rVB2	222108	270097	6.94%	0.295%
68	11.040	1518	1522	1524	rBV2	204639	245964	6.32%	0.269%
69	11.098	1529	1532	1535	rBV2	246925	251984	6.47%	0.275%
70	11.210	1549	1551	1555	rVB	219709	205603	5.28%	0.225%
71	11.275	1555	1562	1564	rBV2	619268	862897	22.16%	0.942%

LSC Area Percent Report

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Data File : BP000427.D
Acq On : 26 Sep 2019 17:10
Operator : JU
Sample : K5019-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : QNWP8-MW27S-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

72	11.310	1566	1568	1570	rVV	1085769	1102252	28.30%	1.204%
73	11.334	1570	1572	1574	rVV	2657455	2074908	53.28%	2.266%
74	11.351	1574	1575	1578	rVV	633100	503274	12.92%	0.550%
75	11.410	1582	1585	1588	rVB2	441797	547976	14.07%	0.598%
76	11.475	1593	1596	1599	rBV	277506	245373	6.30%	0.268%
77	11.563	1606	1611	1615	rBV	1487722	1624777	41.72%	1.774%
78	11.622	1618	1621	1625	rVB2	203165	206812	5.31%	0.226%
79	11.663	1625	1628	1634	rBV3	279128	348878	8.96%	0.381%
80	11.722	1636	1638	1640	rVB	229446	174853	4.49%	0.191%
81	11.828	1653	1656	1660	rBV4	163369	202364	5.20%	0.221%
82	11.893	1660	1667	1670	rBV2	1663329	2087376	53.60%	2.280%
83	11.916	1670	1671	1674	rVB2	271935	176668	4.54%	0.193%
84	12.069	1695	1697	1701	rVV3	279123	301098	7.73%	0.329%
85	12.681	1797	1801	1811	rVB2	512537	639511	16.42%	0.698%
86	12.940	1841	1845	1848	rVB	3654943	3260537	83.72%	3.561%
87	13.428	1926	1928	1933	rBV3	89766	185993	4.78%	0.203%
88	13.534	1939	1946	1951	rBV3	395646	722556	18.55%	0.789%
89	13.851	1997	2000	2006	rBV2	1922467	2227117	57.19%	2.432%
90	14.004	2021	2026	2032	rBV	2620812	2399858	61.62%	2.621%
91	14.181	2052	2056	2060	rVB	1031401	973563	25.00%	1.063%
92	14.492	2105	2109	2122	rVB	1444284	1525821	39.18%	1.666%
93	14.804	2158	2162	2170	rVB	1877942	1785824	45.86%	1.950%
94	15.151	2216	2221	2225	rBV	1894420	2141102	54.98%	2.338%
95	15.492	2274	2279	2282	rBV	1311639	1565870	40.21%	1.710%
96	15.539	2282	2287	2298	rVB	1786892	2295568	58.94%	2.507%
97	15.986	2357	2363	2368	rBV	1289787	1969754	50.58%	2.151%
98	16.045	2369	2373	2380	rVV2	159240	317990	8.17%	0.347%
99	16.504	2444	2451	2473	rVB2	986462	2270786	58.31%	2.480%
100	17.110	2548	2554	2563	rBV	346235	661498	16.99%	0.722%

Sum of corrected areas: 91570057

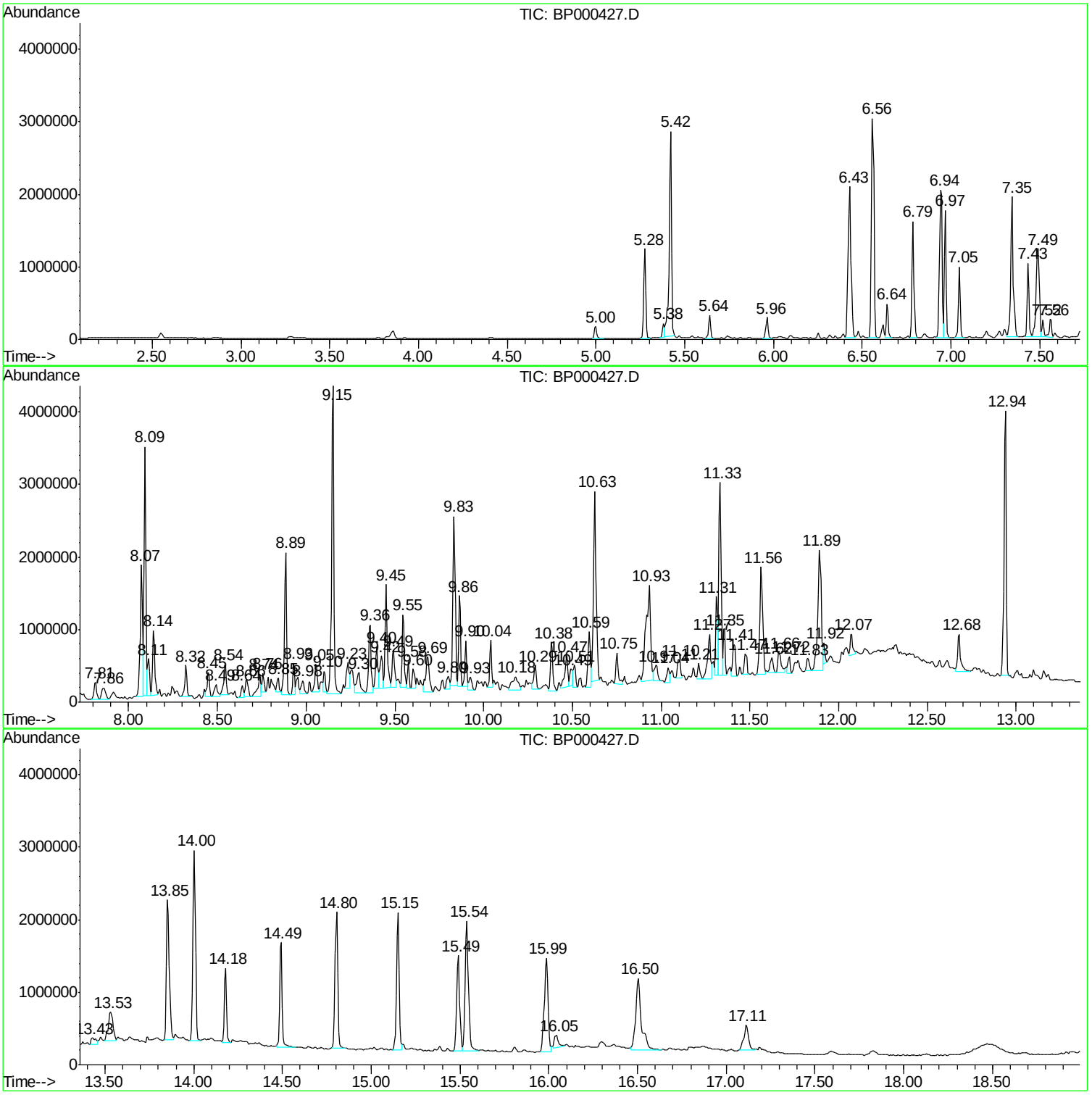
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
Data File : BP000427.D
Acq On : 26 Sep 2019 17:10
Operator : JU
Sample : K5019-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : QNWP8-MW27S-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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
Data File : BP000427.D
Acq On : 26 Sep 2019 17:10
Operator : JU
Sample : K5019-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : QNWP8-MW27S-GW

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

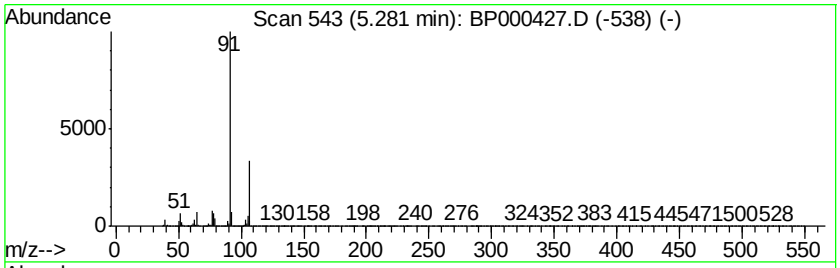
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

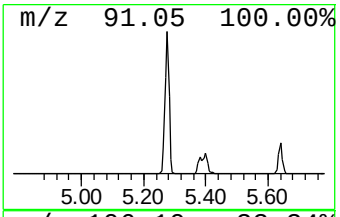
****

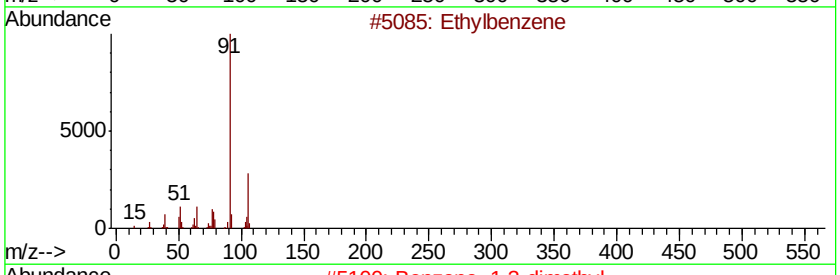
Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 11

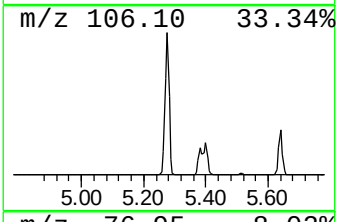
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.28	17.72 ng	1105660	1,4-Dichlorobenzene-d4	6.79

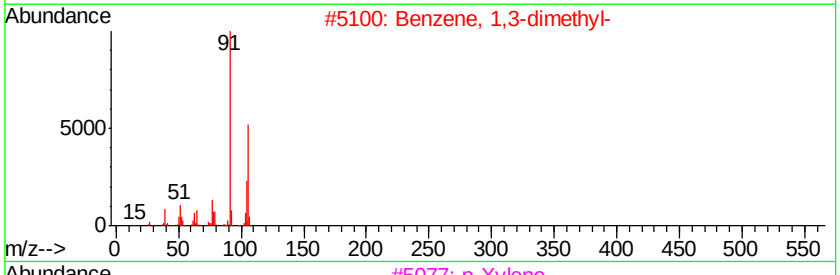
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	91
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	68
3	p-Xylene	106	C8H10	000106-42-3	64
4	o-Xylene	106	C8H10	000095-47-6	64
5	N-(Benzyloxy)-2,2,2-trifluoroace...	219	C9H8F3NO2	174075-91-3	38

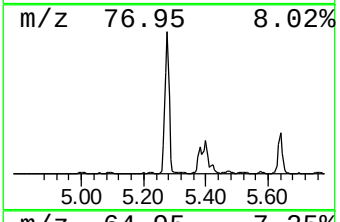


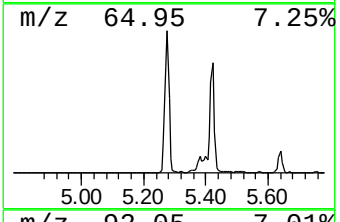


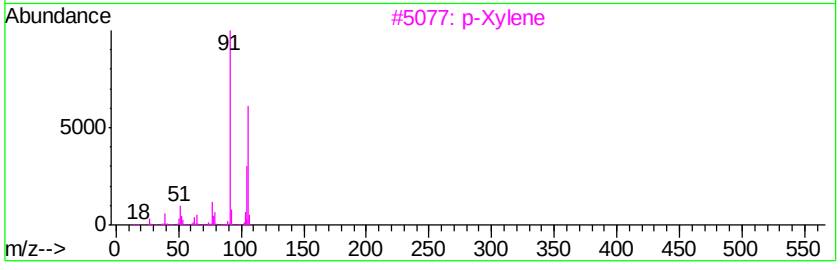


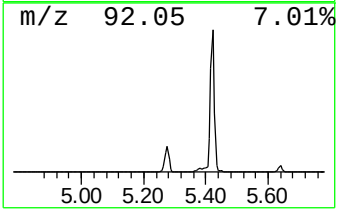












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Sample : K5019-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : QNWP8-MW27S-GW

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

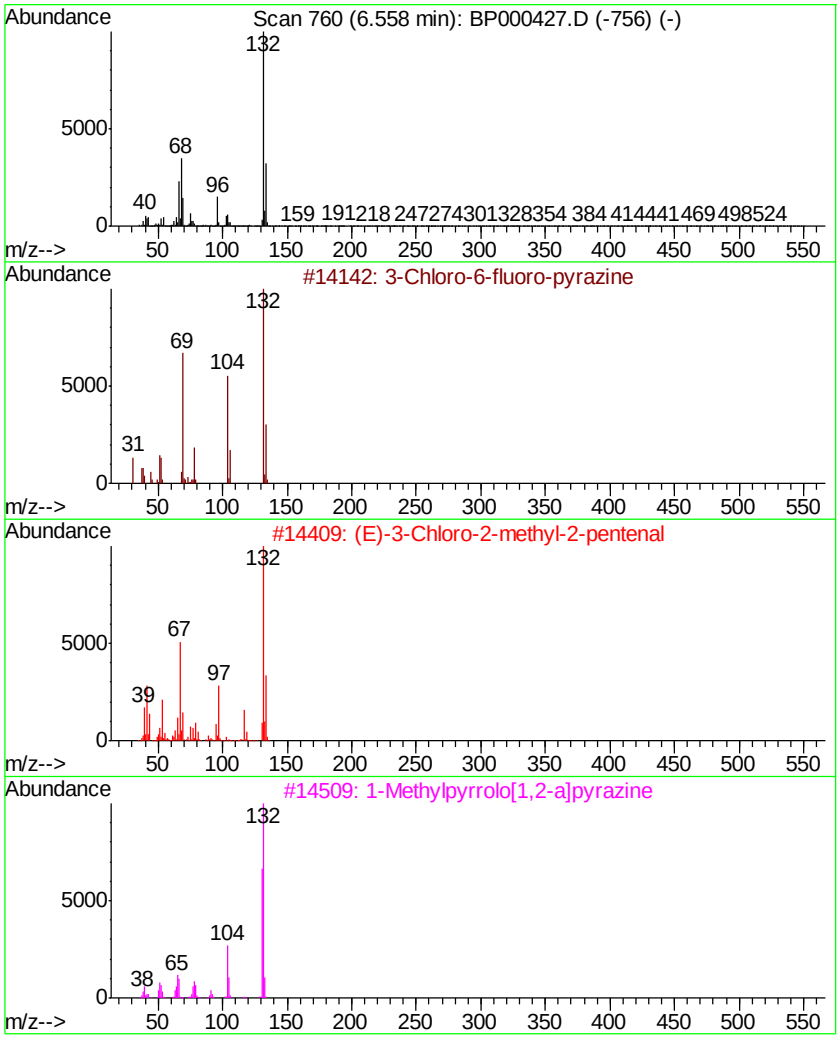
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

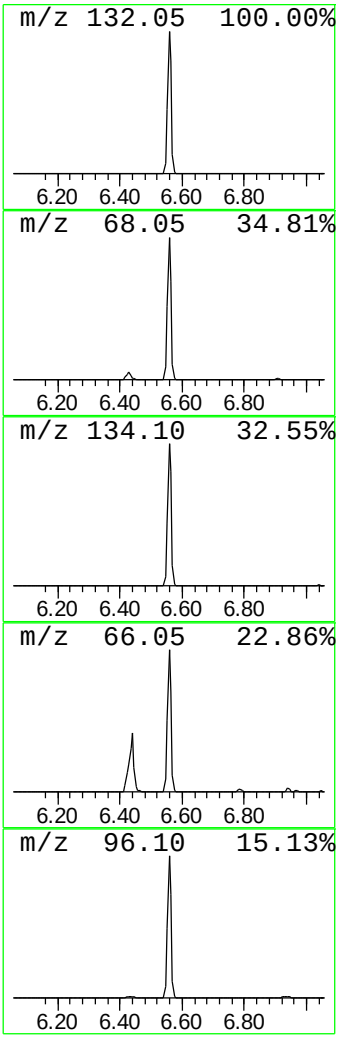
****

Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	42.21 ng	2634050	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
Data File : BP000427.D
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Instrument : BNA_P
ClientSampleId : QNWP8-MW27S-GW

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

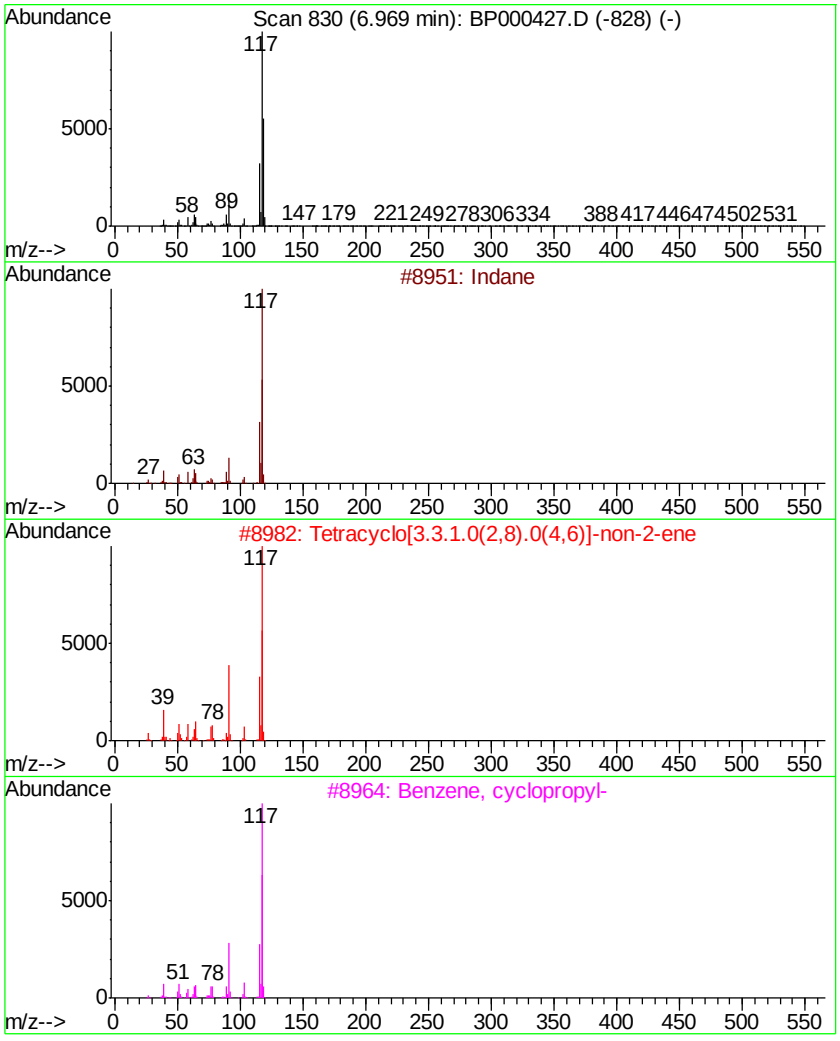
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

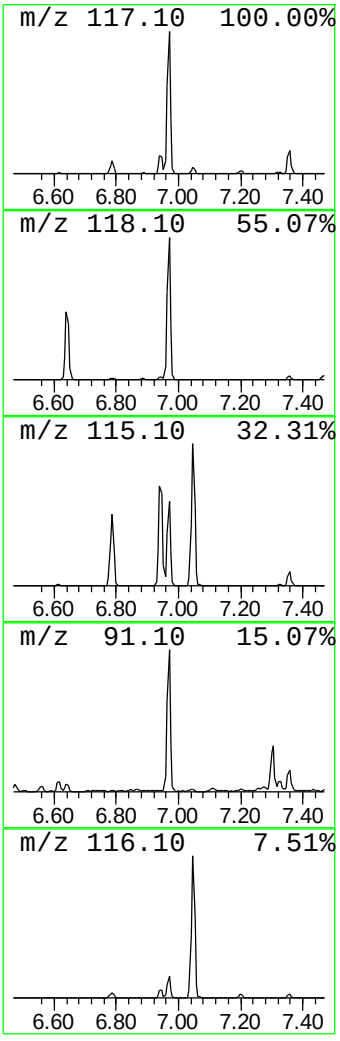
****

Peak Number 4 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	20.20 ng	1260160	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	83
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	Deltacyclene	118	C9H10	007785-10-6	72
5	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
Data File : BP000427.D
Acq On : 26 Sep 2019 17:10
Operator : JU
Sample : K5019-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : QNWP8-MW27S-GW

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

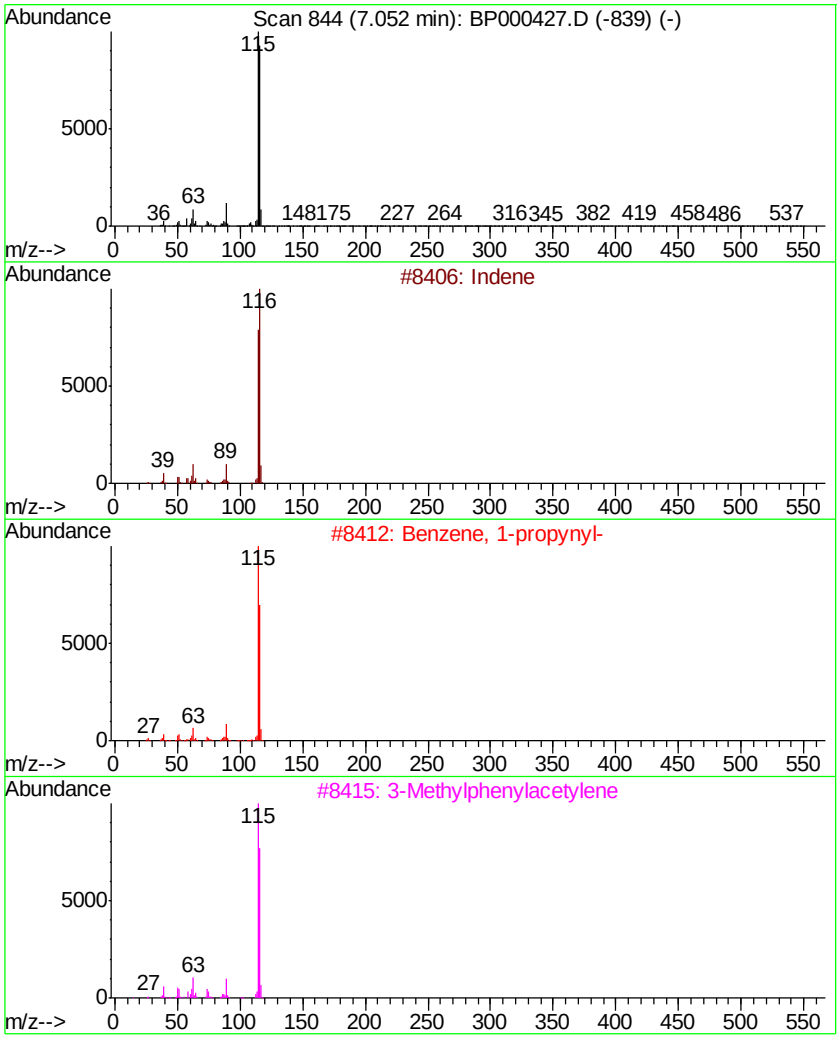
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

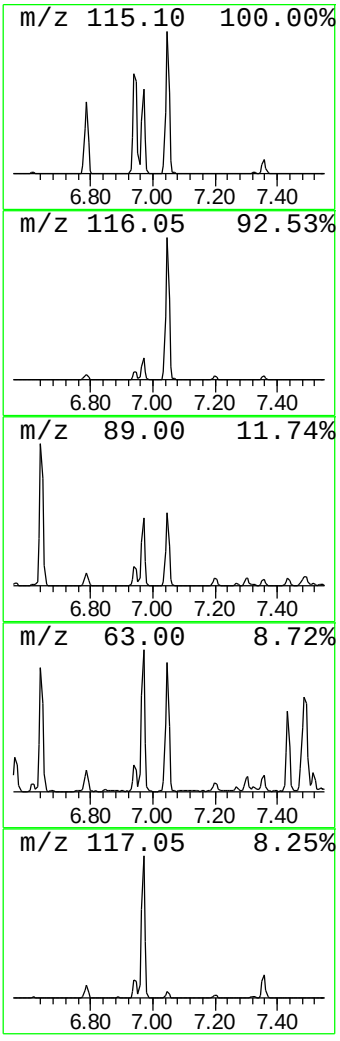
****

Peak Number 5 Benzene, 1-propynyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	12.26 ng	764850	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





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Acq On : 26 Sep 2019 17:10
Operator : JU
Sample : K5019-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : QNWP8-MW27S-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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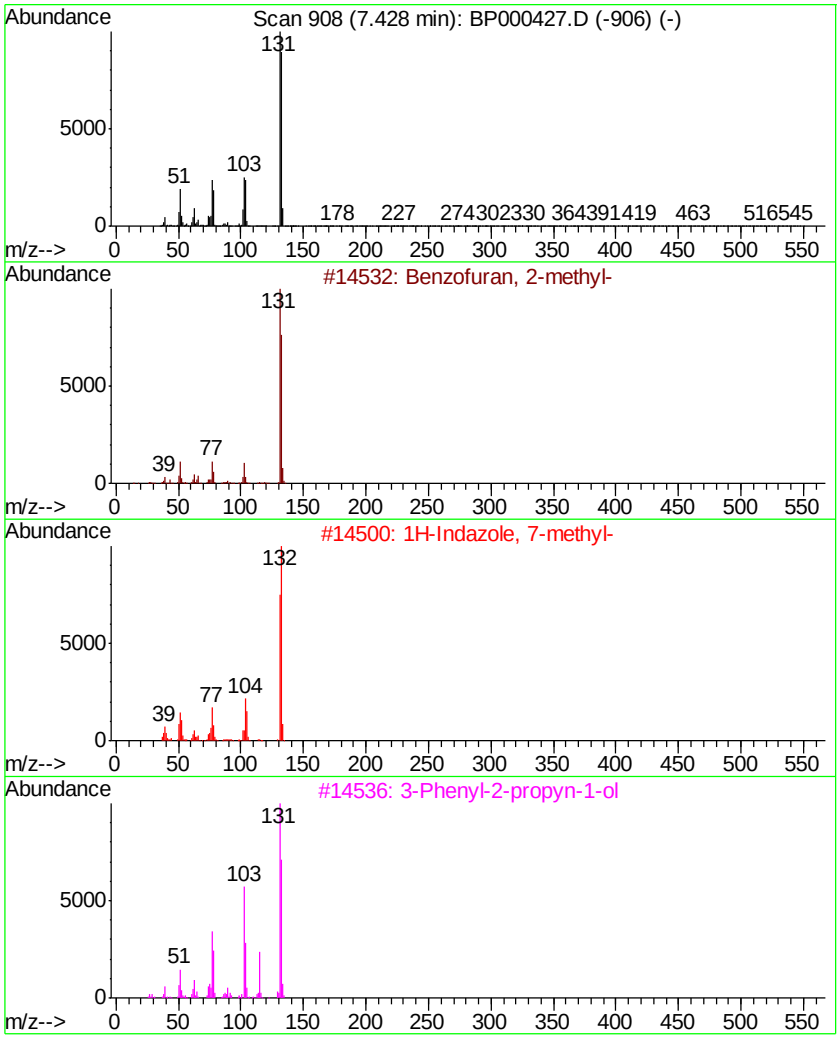
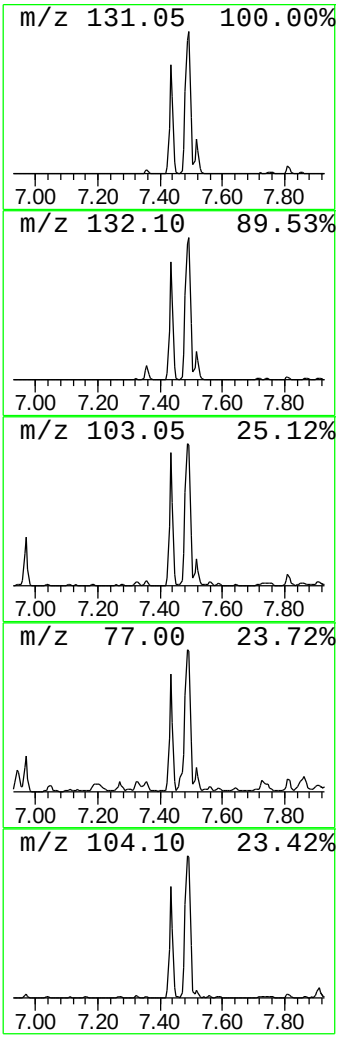
Peak Number 6 Benzofuran, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	9.28 ng	798189	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
2	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	87
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	86
5	4-Aminobenzyl cyanide	132	C8H8N2	003544-25-0	83





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : QNWP8-MW27S-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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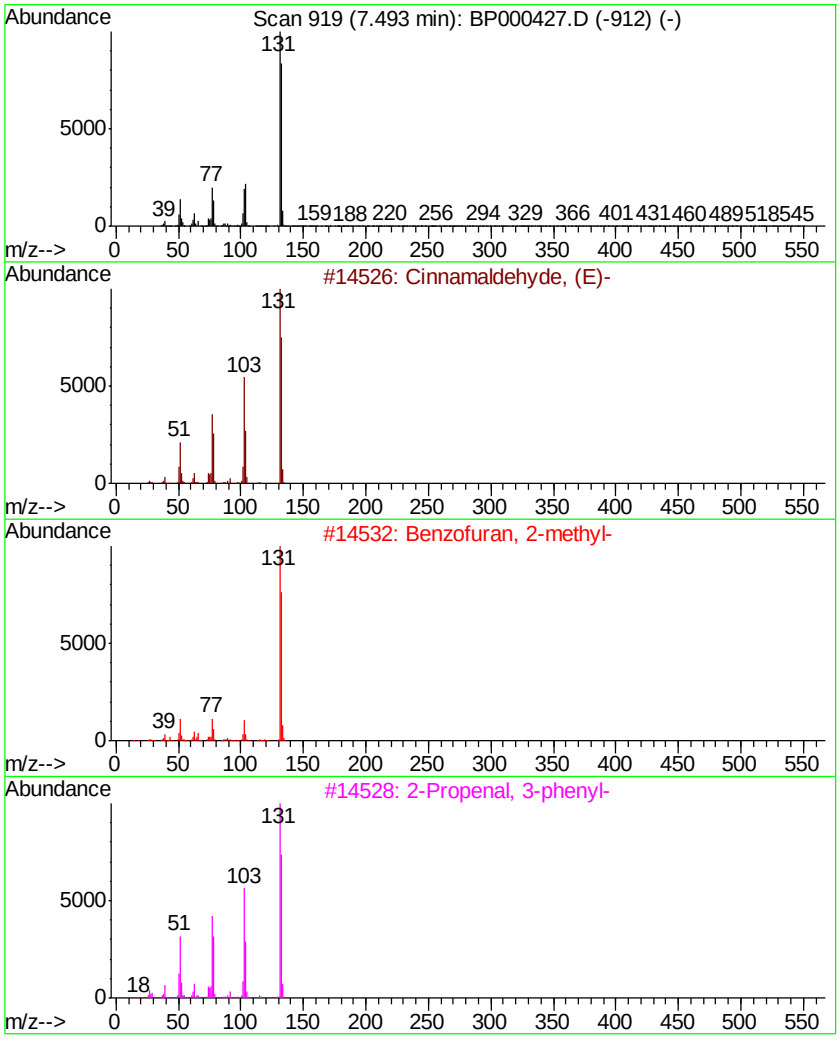
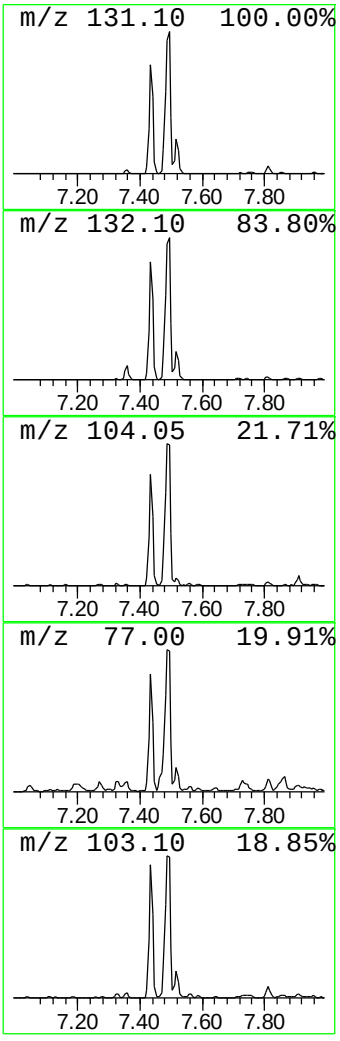
Peak Number 7 Cinnamaldehyde, (E)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	17.42 ng	1497920	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	87
4	5-Methylbenzimidazole	132	C8H8N2	000614-97-1	86
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	83





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ClientSampleId : QNWP8-MW27S-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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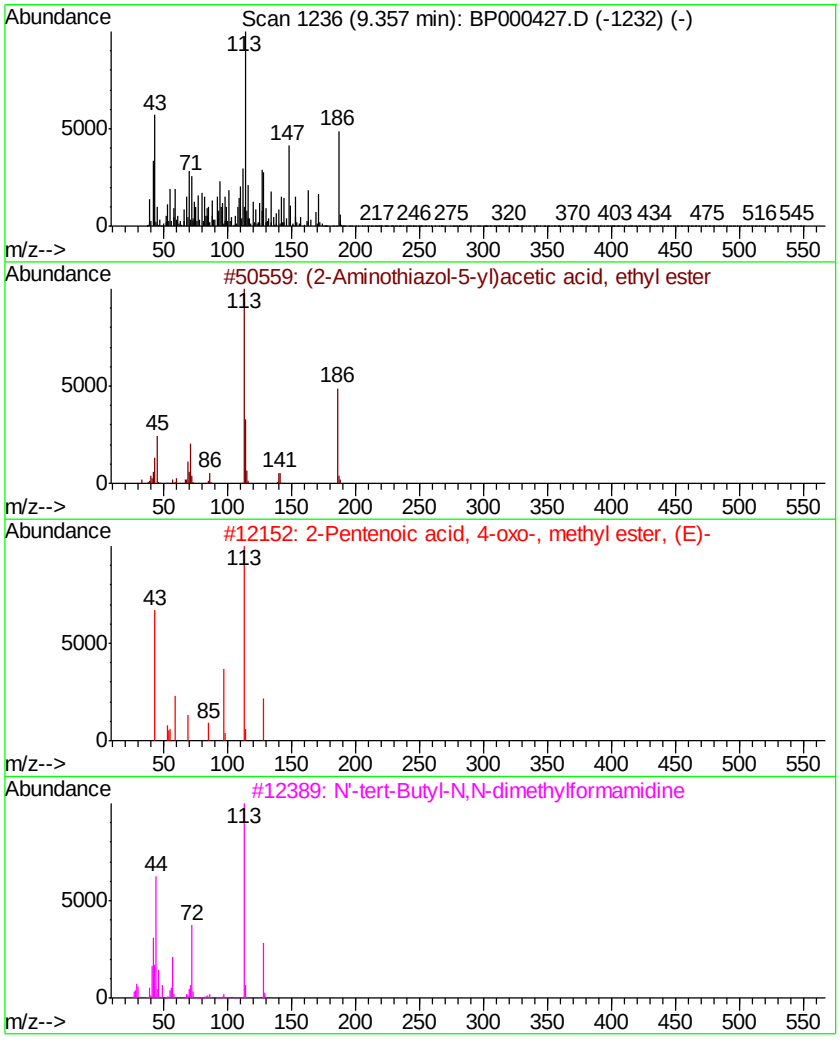
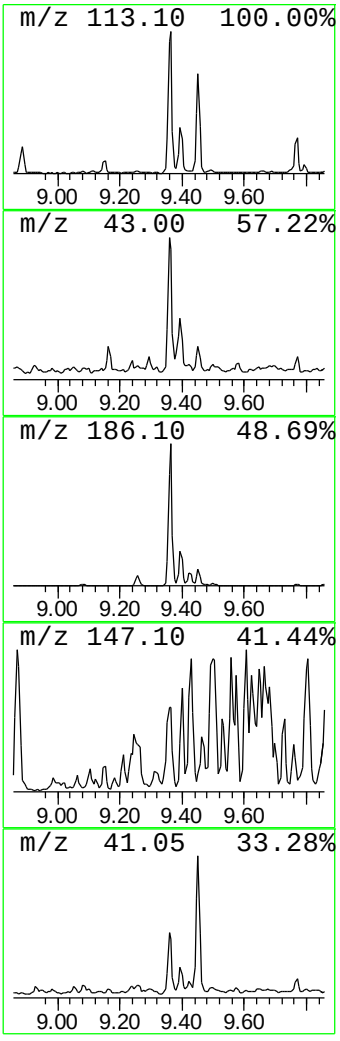
Peak Number 8 unknown9.36 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	10.06 ng	963447	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2-Aminothiazol-5-yl)acetic acid...	186	C7H10N2O2S	1000304-78-0	27
2	2-Pentenoic acid, 4-oxo-, methyl...	128	C6H8O3	002833-24-1	22
3	N'-tert-Butyl-N,N-dimethylformam...	128	C7H16N2	023314-06-9	22
4	22-Methyl-tetracosanoic acid, DM...	435	C29H57NO	1000336-80-9	22
5	4-Fluoro-6-aminopyrimidine	113	C4H4FN3	051421-96-6	18





Library Search Compound Report

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TIC Library : C:\DATABASE\NIST11.L
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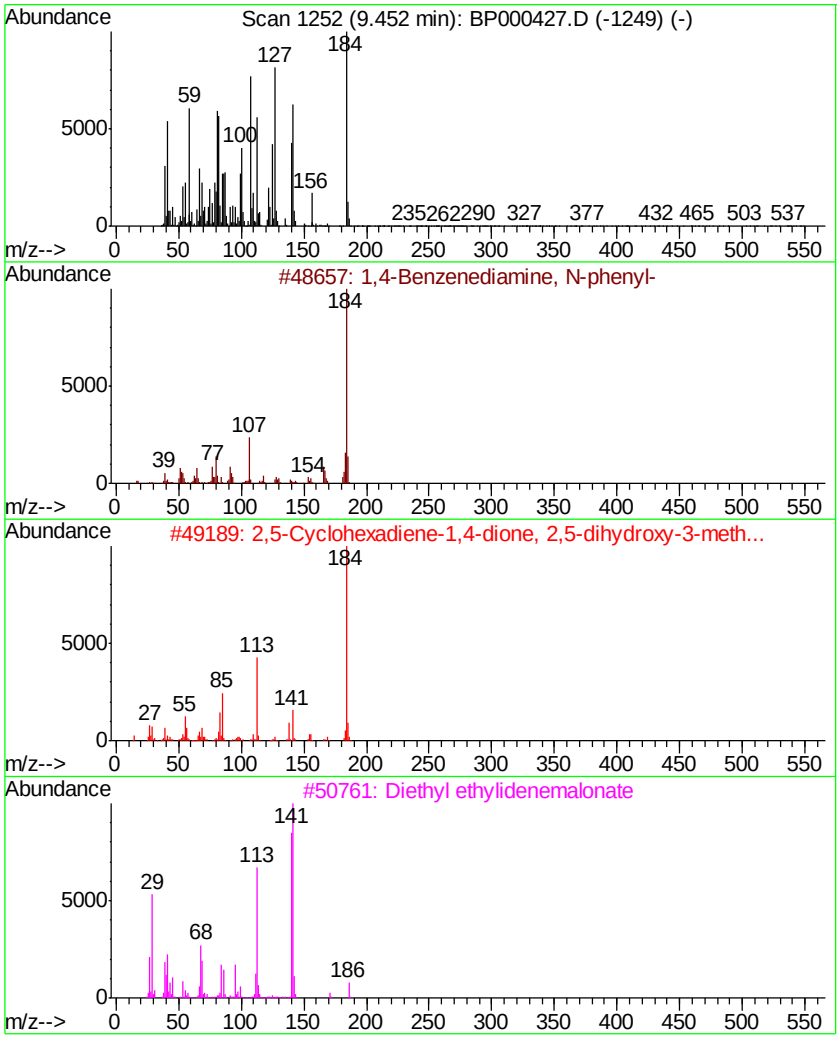
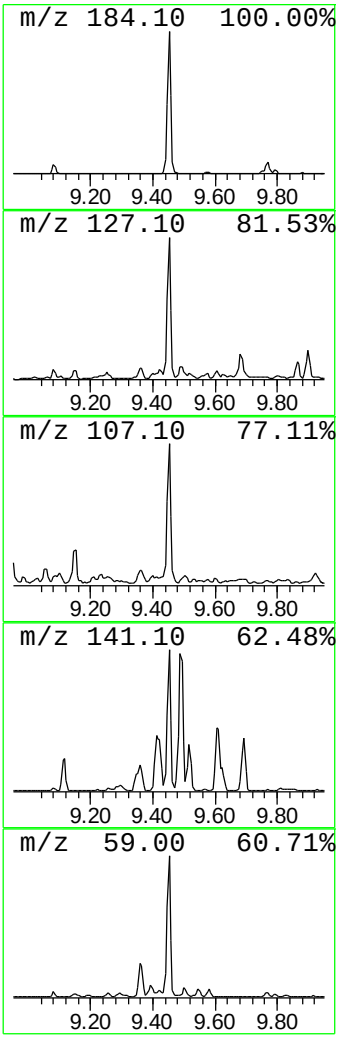
Peak Number 9 unknown9.45 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	13.44 ng	1287400	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenediamine, N-phenyl-	184	C12H12N2	000101-54-2	22
2	2,5-Cyclohexadiene-1,4-dione, 2,...	184	C8H8O5	000085-23-4	10
3	Diethyl ethylidenemalonate	186	C9H14O4	001462-12-0	10
4	3,5-Difluorocinnamic acid	184	C9H6F2O2	084315-23-1	10
5	Benzene, 1-methyl-3-phenoxy-	184	C13H12O	003586-14-9	10





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ClientSampleId : QNWP8-MW27S-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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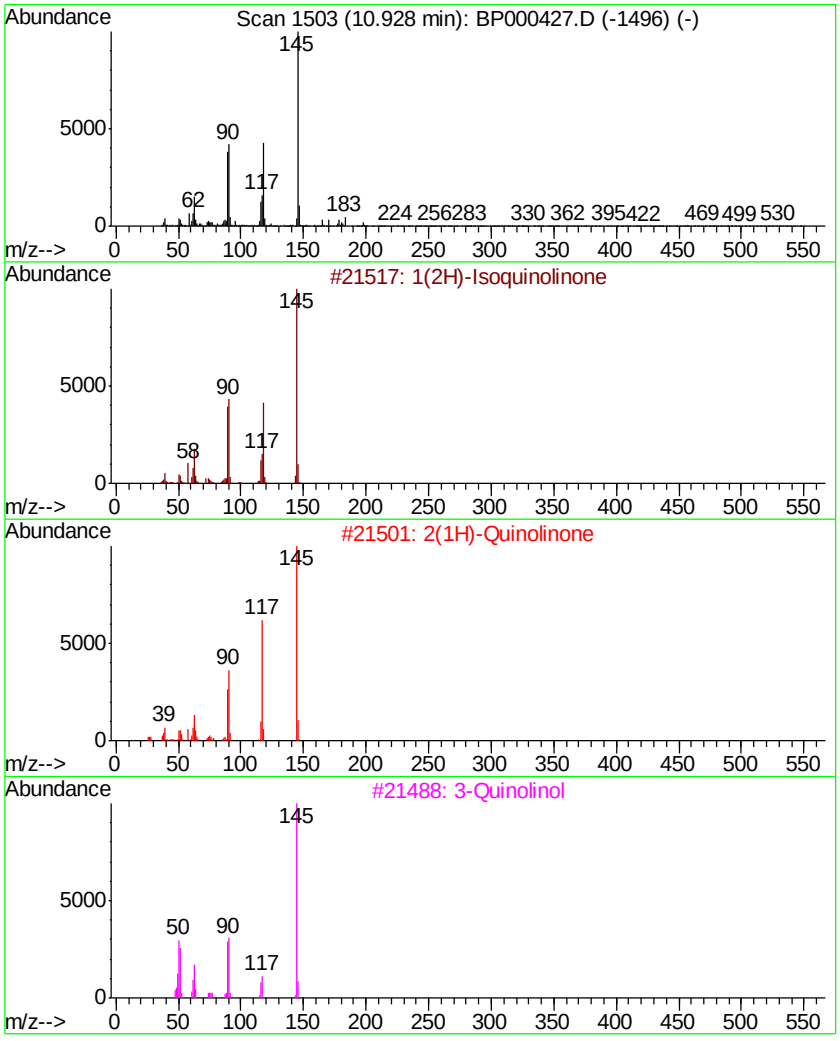
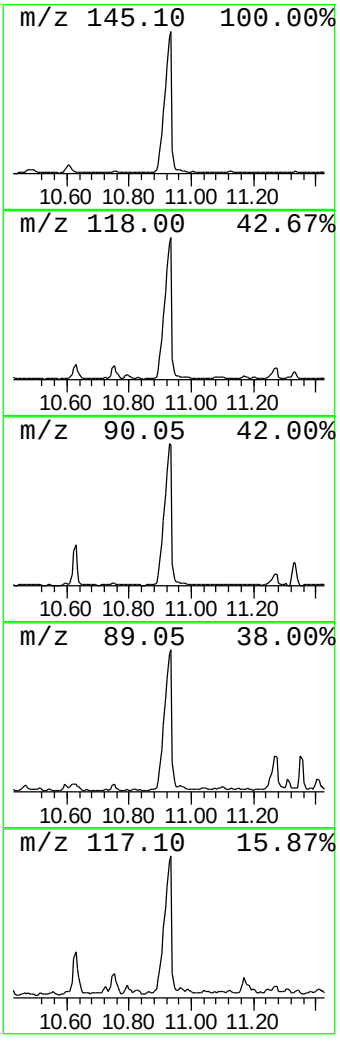
Peak Number 10 1(2H)-Isoquinolinone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	22.84 ng	2369350	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	94
2	2(1H)-Quinolinone	145	C9H7NO	000059-31-4	83
3	3-Quinolinol	145	C9H7NO	000580-18-7	64
4	4-Quinolinol	145	C9H7NO	000611-36-9	58
5	Isoquinoline, 2-oxide	145	C9H7NO	001532-72-5	53





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ClientSampleId : QNWP8-MW27S-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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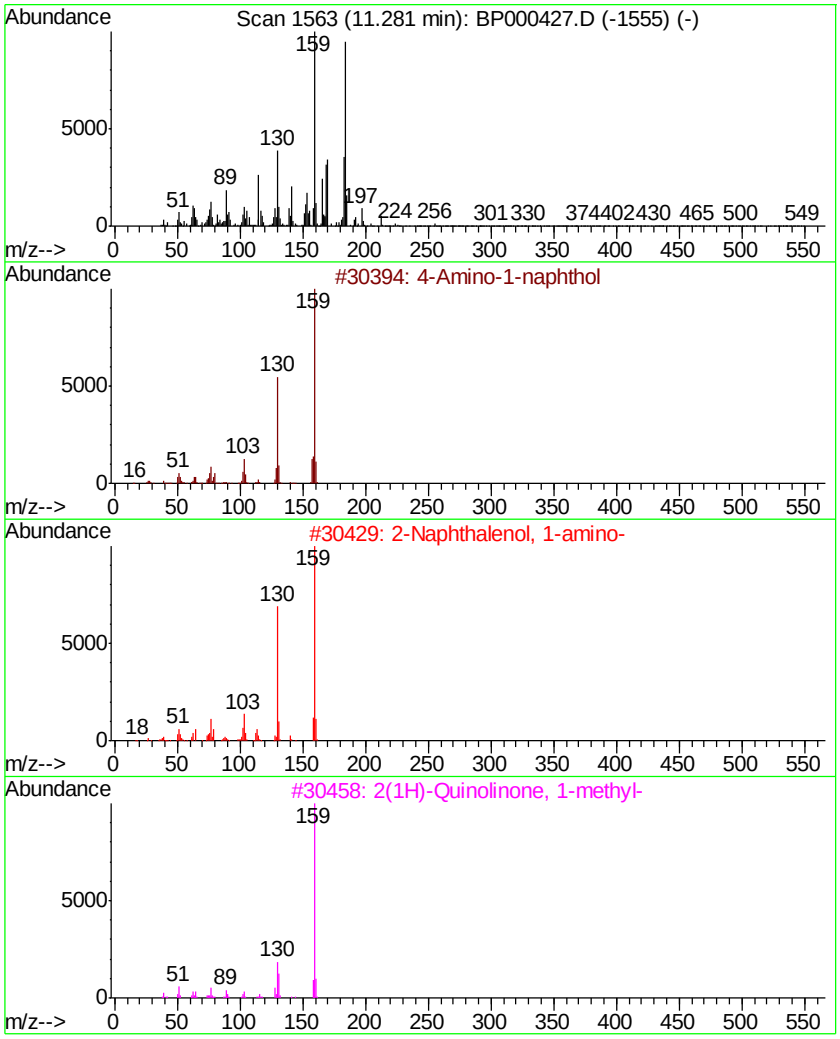
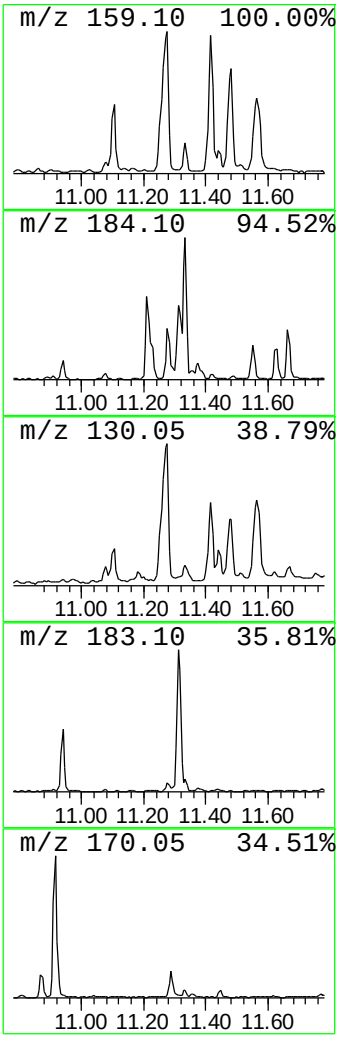
Peak Number 11 4-Amino-1-naphthol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	8.32 ng	862897	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-1-naphthol	159	C10H9NO	002834-90-4	76
2	2-Naphthalenol, 1-amino-	159	C10H9NO	002834-92-6	76
3	2(1H)-Quinolinone, 1-methyl-	159	C10H9NO	000606-43-9	70
4	8-Quinolinol, 7-methyl-	159	C10H9NO	005541-68-4	70
5	2(1H)-Quinolinone, 3-methyl-	159	C10H9NO	002721-59-7	64





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Misc :
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Instrument : BNA_P
ClientSampleId : QNWP8-MW27S-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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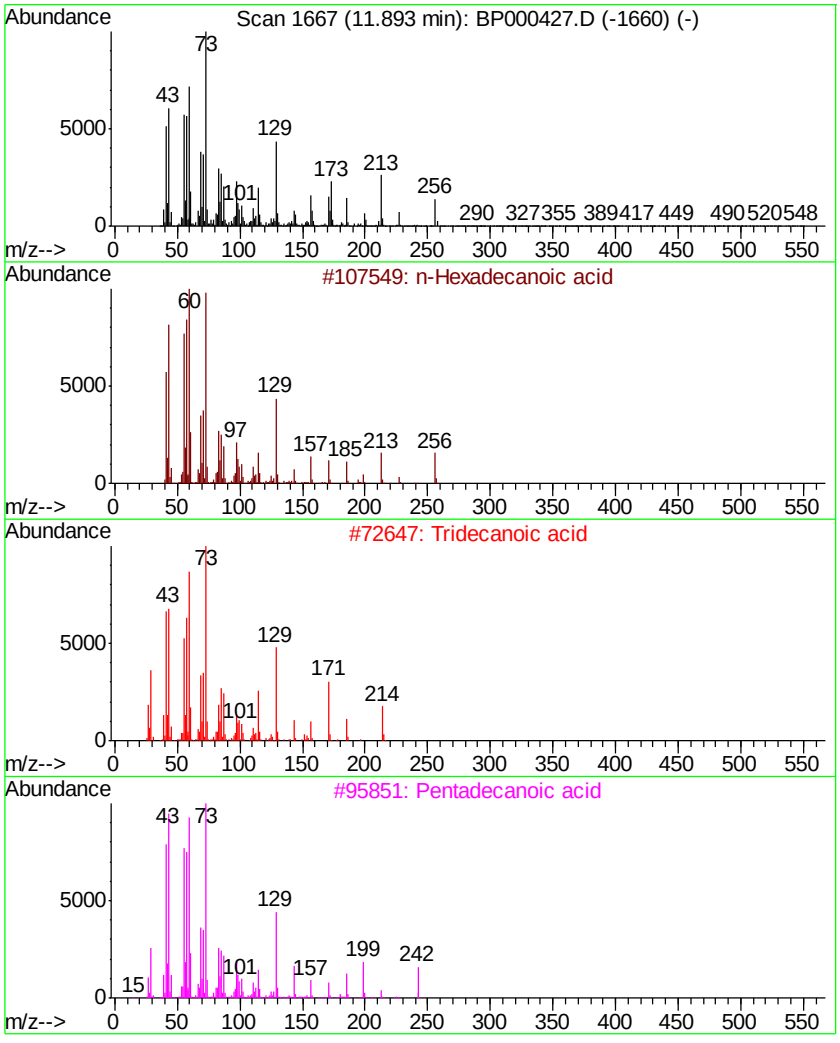
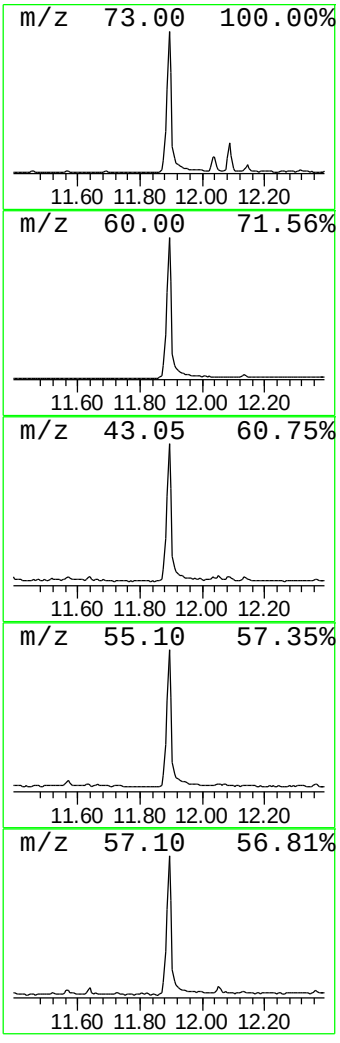
Peak Number 12 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	20.12 ng	2087380	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	55





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Instrument : BNA_P
ClientSampleId : QNWP8-MW27S-GW

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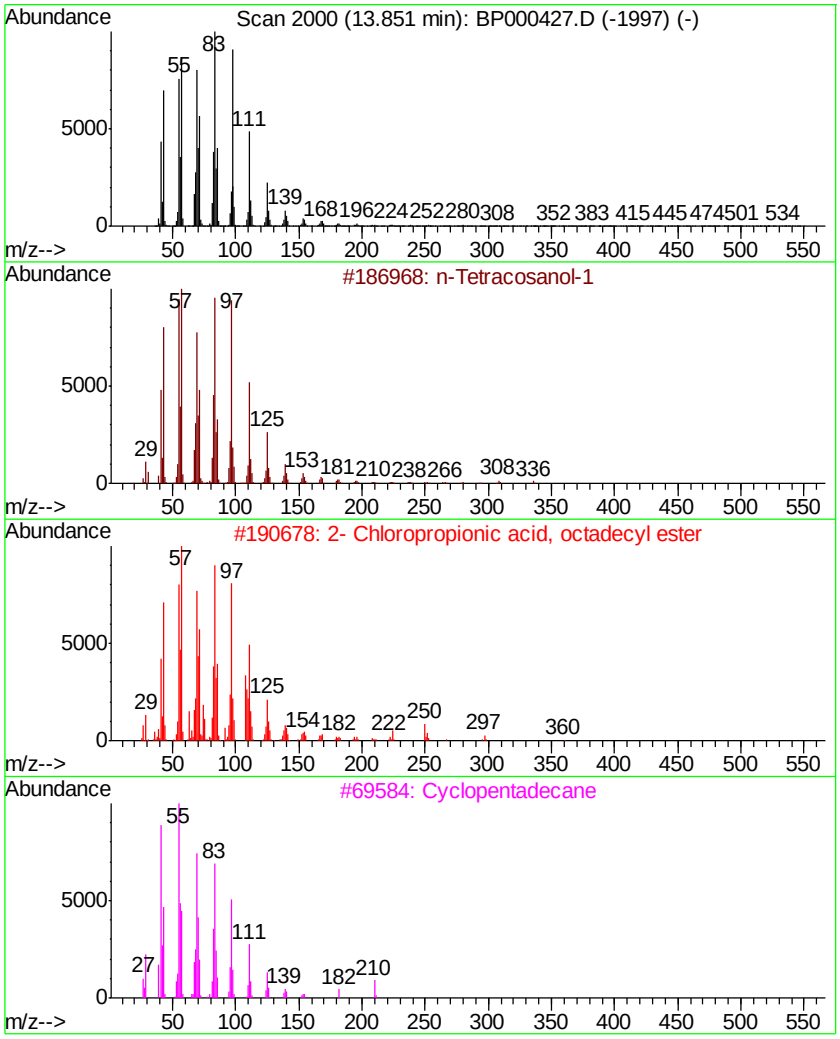
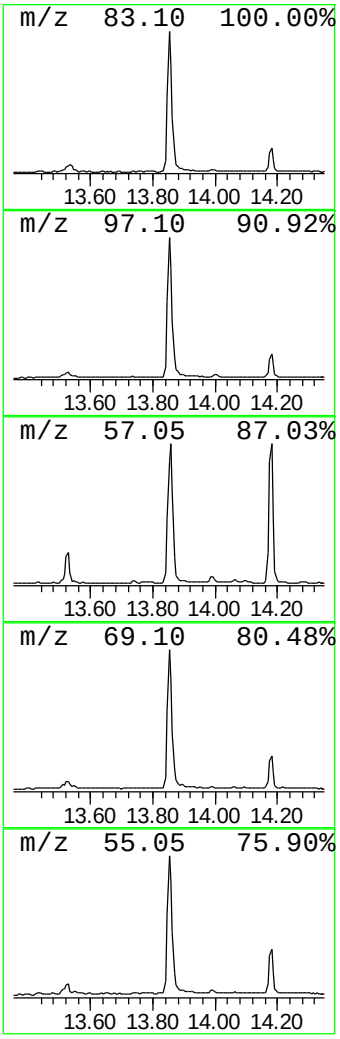
Peak Number 13 n-Tetracosanol-1 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	18.56 ng	2227120	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
3	Cyclopentadecane	210	C15H30	000295-48-7	93
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91





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ClientSampleId : QNWP8-MW27S-GW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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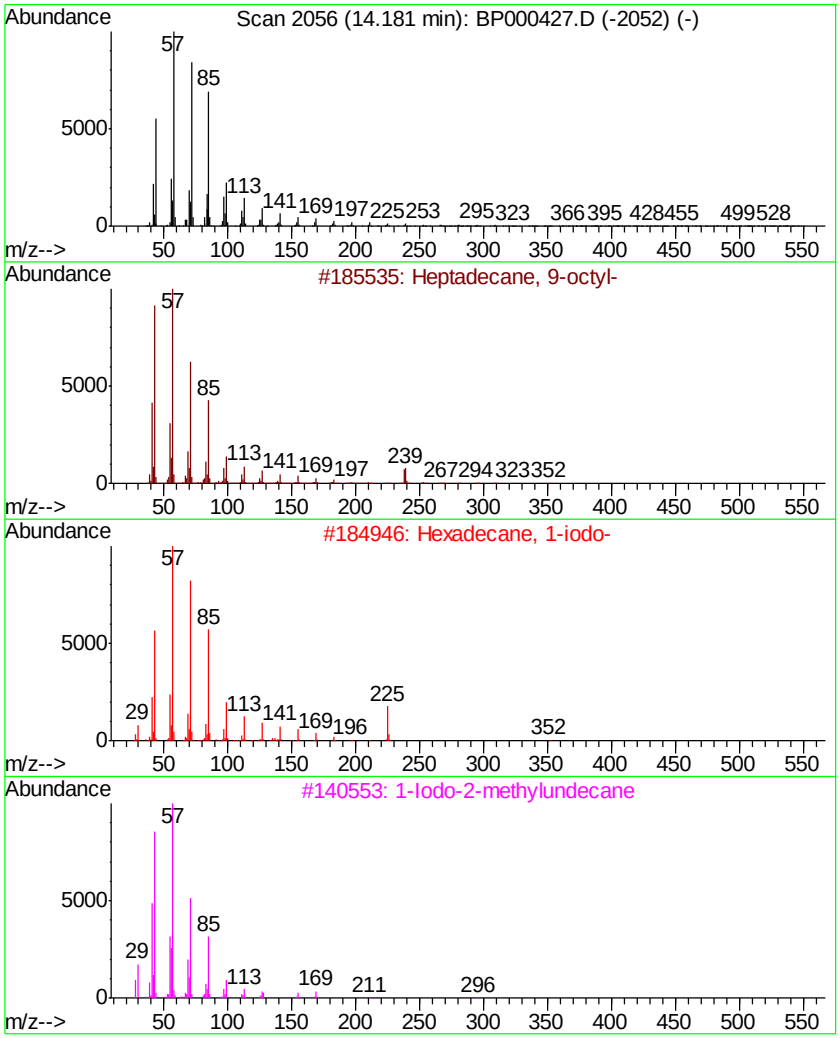
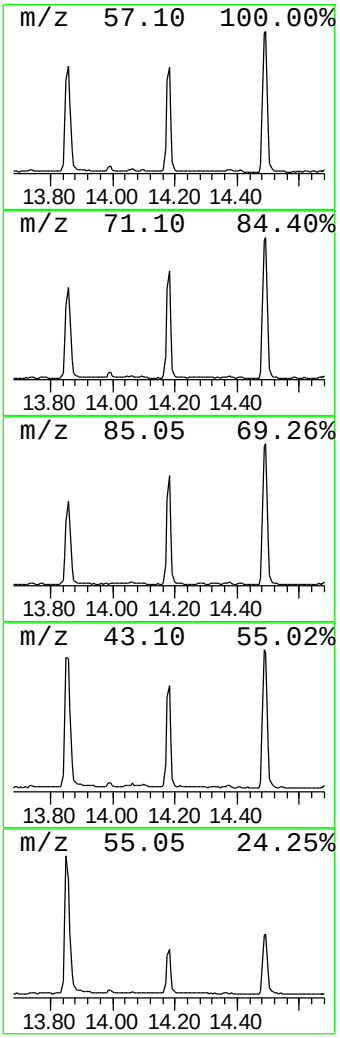
Peak Number 14 Heptadecane, 9-octyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	8.11 ng	973563	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	94
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	93
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5	Heneicosane	296	C21H44	000629-94-7	91





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ALS Vial : 16 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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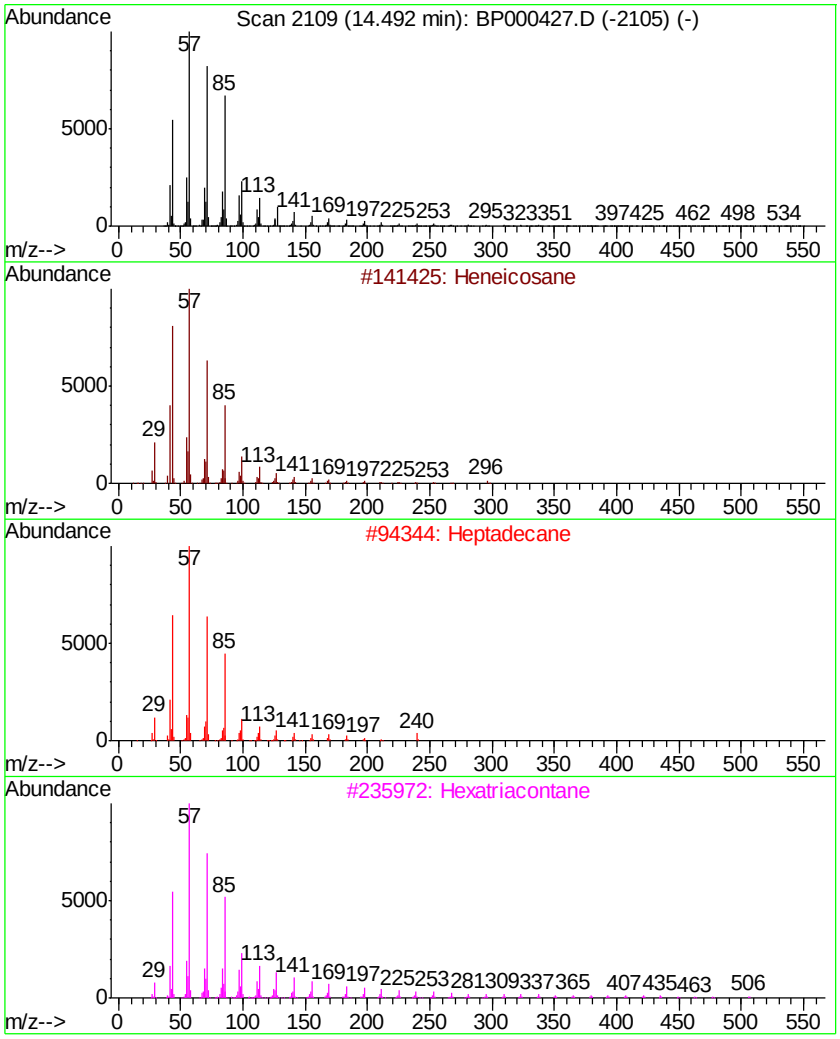
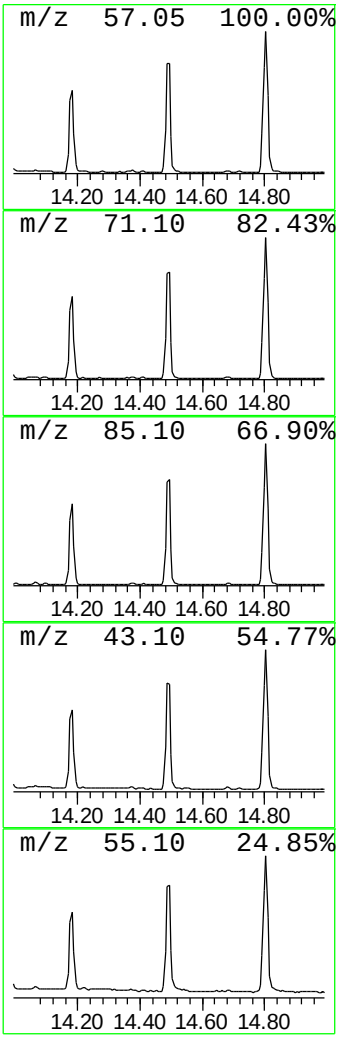
Peak Number 15 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	12.72 ng	1525820	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heptadecane	240	C17H36	000629-78-7	95
3	Hexatriacontane	507	C36H74	000630-06-8	94
4	Eicosane	282	C20H42	000112-95-8	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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ClientSampleId : QNWP8-MW27S-GW

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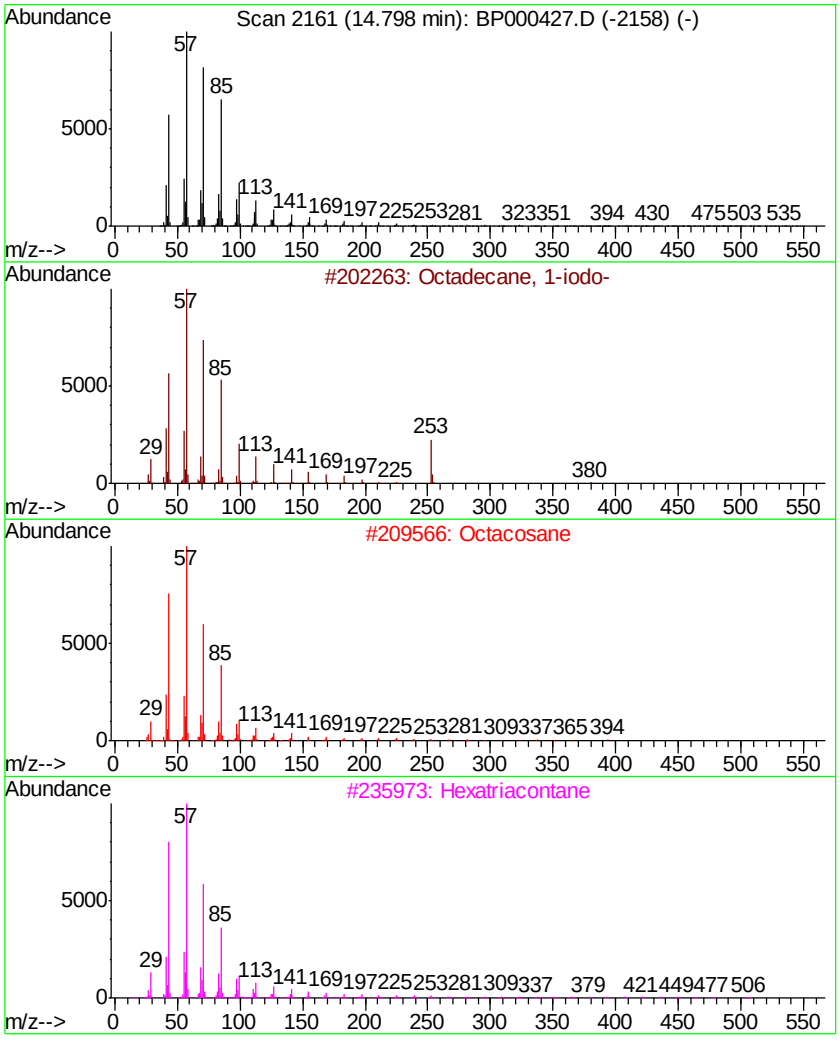
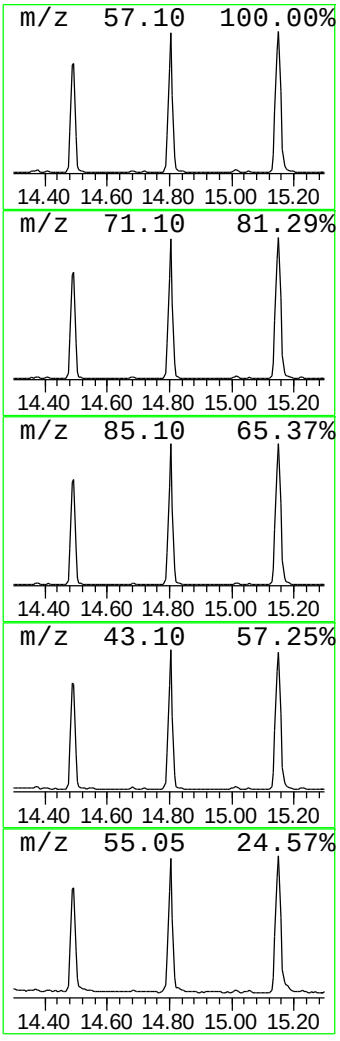
Peak Number 16 Octadecane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	22.81 ng	1785820	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	97
2	Octacosane	394	C28H58	000630-02-4	94
3	Hexatriacontane	507	C36H74	000630-06-8	93
4	Heptadecane	240	C17H36	000629-78-7	93
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
Data File : BP000427.D
Acq On : 26 Sep 2019 17:10
Operator : JU
Sample : K5019-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : QNWP8-MW27S-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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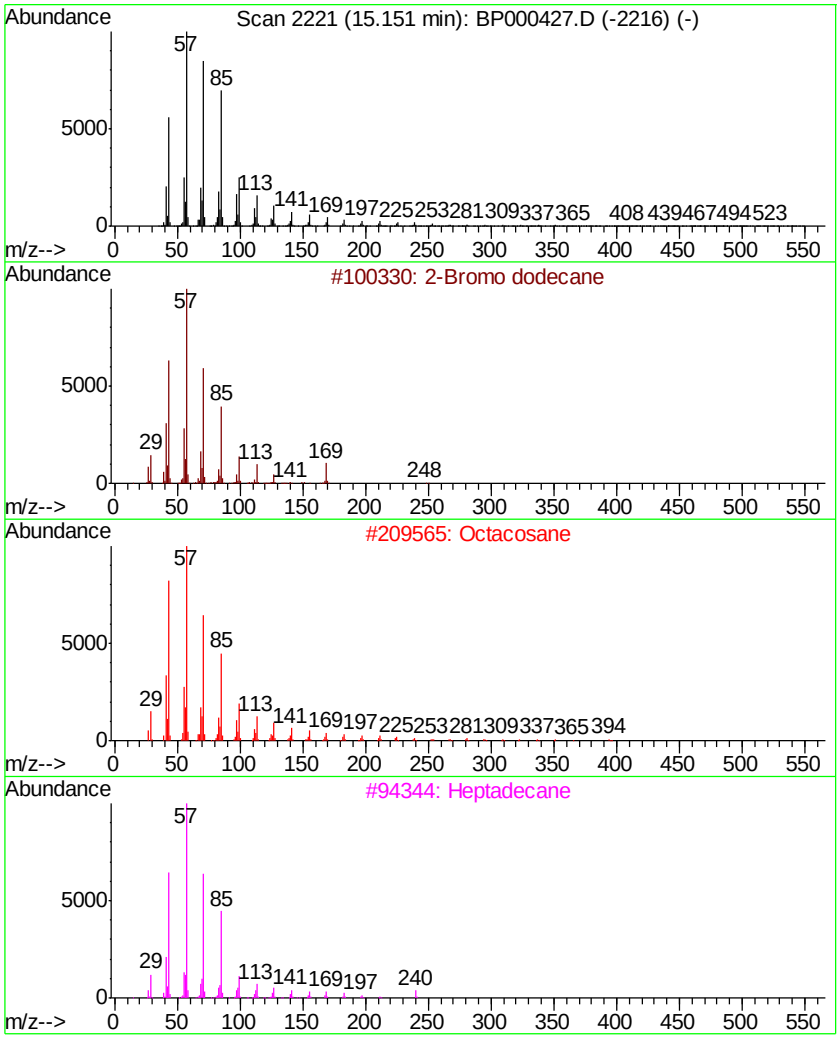
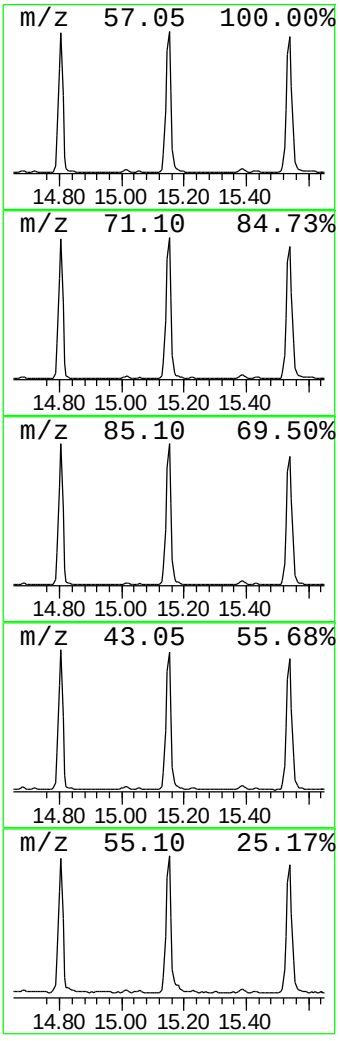
Peak Number 17 2-Bromo dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	27.35 ng	2141100	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	96
2	Octacosane	394	C28H58	000630-02-4	95
3	Heptadecane	240	C17H36	000629-78-7	93
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	93
5	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93





Library Search Compound Report

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Data File : BP000427.D
Acq On : 26 Sep 2019 17:10
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Sample : K5019-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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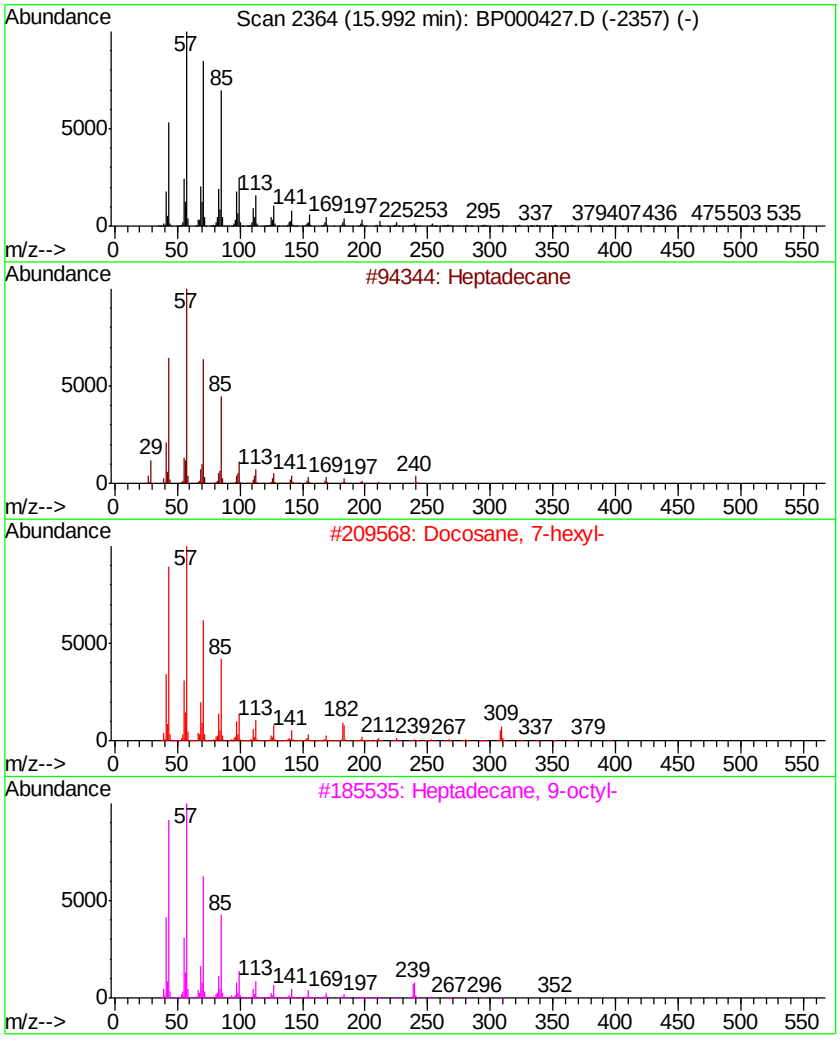
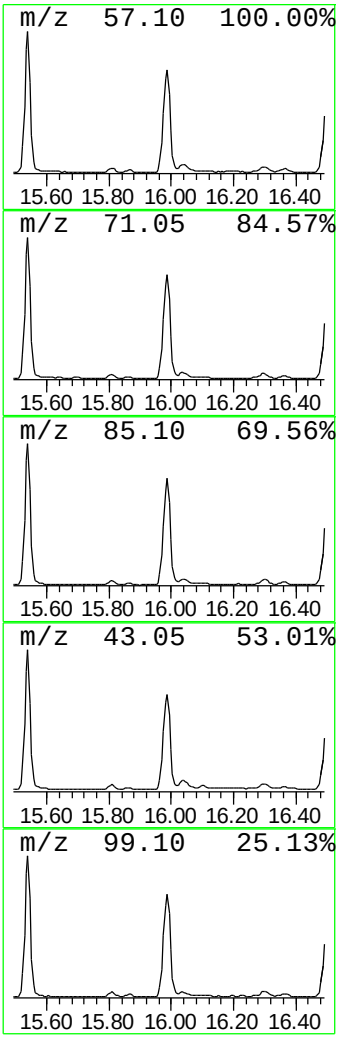
Peak Number 18 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	25.16 ng	1969750	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Docosane, 7-hexyl-	394	C28H58	055373-86-9	93
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Triacontane	422	C30H62	000638-68-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
Data File : BP000427.D
Acq On : 26 Sep 2019 17:10
Operator : JU
Sample : K5019-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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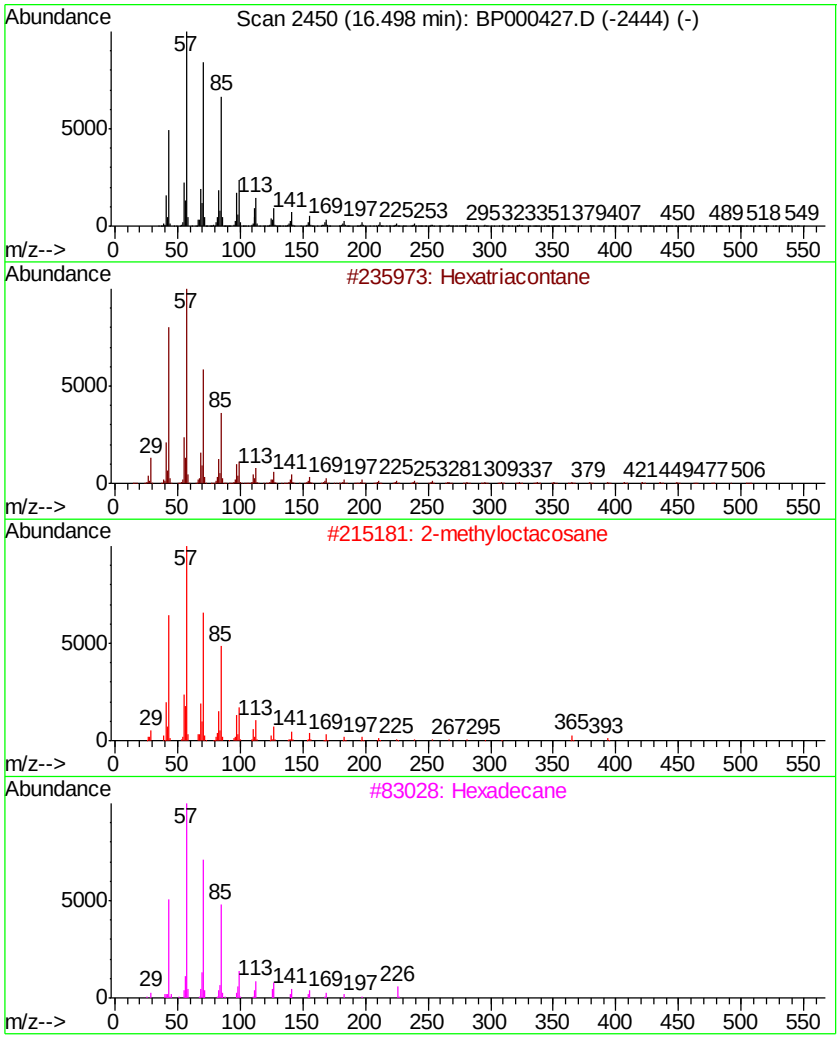
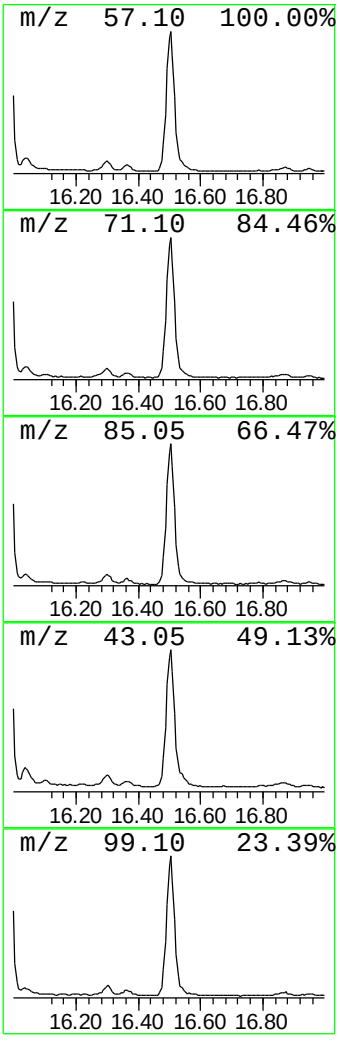
Peak Number 19 Hexatriacontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	29.00 ng	2270790	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	94
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
Data File : BP000427.D
Acq On : 26 Sep 2019 17:10
Operator : JU
Sample : K5019-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : QNWP8-MW27S-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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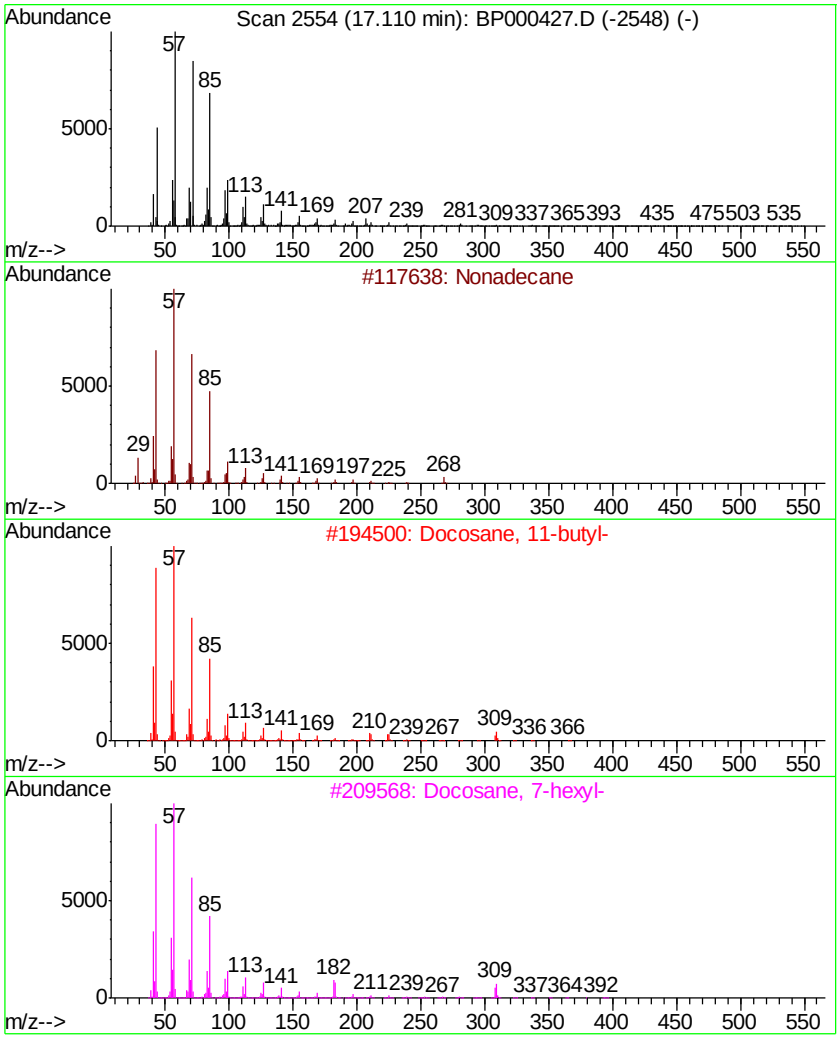
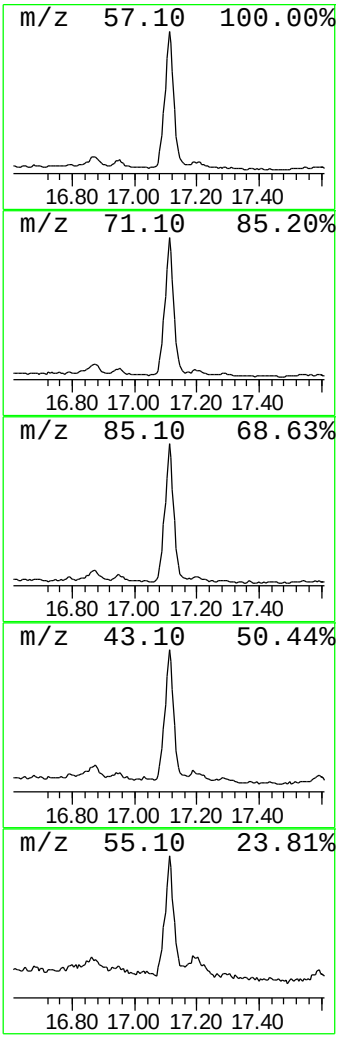
Peak Number 20 Nonadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.11	8.45 ng	661498	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
3	Docosane, 7-hexyl-	394	C28H58	055373-86-9	93
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP092619\
Data File : BP000427.D
Acq On : 26 Sep 2019 17:10
Operator : JU
Sample : K5019-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : QNWP8-MW27S-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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,3-dime...	5.28	17.7	ng	1105660	1	6.79	1247970	20.0
unknown6.56	6.56	42.2	ng	2634050	1	6.79	1247970	20.0
Indane	6.97	20.2	ng	1260160	1	6.79	1247970	20.0
Benzene, 1-propynyl-	7.05	12.3	ng	764850	1	6.79	1247970	20.0
Benzofuran, 2-met...	7.43	9.3	ng	798189	2	8.07	1719960	20.0
Cinnamaldehyde, (E)-	7.49	17.4	ng	1497920	2	8.07	1719960	20.0
unknown9.36	9.36	10.1	ng	963447	3	9.83	1915930	20.0
unknown9.45	9.45	13.4	ng	1287400	3	9.83	1915930	20.0
1(2H)-Isoquinolinone	10.93	22.8	ng	2369350	4	11.33	2074910	20.0
4-Amino-1-naphthol	11.28	8.3	ng	862897	4	11.33	2074910	20.0
n-Hexadecanoic acid	11.89	20.1	ng	2087380	4	11.33	2074910	20.0
n-Tetracosanol-1	13.85	18.6	ng	2227120	5	14.00	2399860	20.0
Heptadecane, 9-oc...	14.18	8.1	ng	973563	5	14.00	2399860	20.0
Heneicosane	14.49	12.7	ng	1525820	5	14.00	2399860	20.0
Octadecane, 1-iodo-	14.80	22.8	ng	1785820	6	15.49	1565870	20.0
2-Bromo dodecane	15.15	27.4	ng	2141100	6	15.49	1565870	20.0
Heptadecane	15.99	25.2	ng	1969750	6	15.49	1565870	20.0
Hexatriacontane	16.50	29.0	ng	2270790	6	15.49	1565870	20.0
Nonadecane	17.11	8.4	ng	661498	6	15.49	1565870	20.0