

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104239.D
 Acq On : 4 Apr 2018 21:27
 Operator : JU/SJ
 Sample : J2197-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-STONES

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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	2.275	27	32	44	rVB	112786	152653	5.44%	0.267%
2	5.198	525	529	541	rBV	44339	87478	3.12%	0.153%
3	5.593	592	596	635	rBV	897482	2301288	81.99%	4.018%
4	6.593	763	766	785	rBV	1122430	2316158	82.52%	4.044%
5	6.728	785	789	808	rVV	1647908	2806838	100.00%	4.900%
6	6.863	809	812	822	rVV	69988	131633	4.69%	0.230%
7	6.951	822	827	840	rVV2	292874	564874	20.12%	0.986%
8	7.104	849	853	865	rBV	1546030	1743457	62.11%	3.044%
9	7.263	877	880	885	rVB2	92767	103154	3.68%	0.180%
10	7.469	910	915	919	rBV3	73836	103979	3.70%	0.182%
11	7.522	919	924	932	rBV	1142417	1703933	60.71%	2.975%
12	7.745	958	962	969	rVB3	133017	218833	7.80%	0.382%
13	7.834	973	977	979	rBV3	96765	94230	3.36%	0.165%
14	7.892	984	987	990	rVB3	92862	96573	3.44%	0.169%
15	7.957	995	998	1001	rBV2	262241	231348	8.24%	0.404%
16	7.998	1003	1005	1008	rVB2	131978	115525	4.12%	0.202%
17	8.087	1018	1020	1023	rVB	104365	83471	2.97%	0.146%
18	8.122	1023	1026	1029	rBV4	90957	120600	4.30%	0.211%
19	8.163	1029	1033	1034	rBV3	85581	92886	3.31%	0.162%
20	8.192	1034	1038	1042	rVV	1146376	1077181	38.38%	1.881%
21	8.234	1042	1045	1048	rVV	618606	732542	26.10%	1.279%
22	8.269	1048	1051	1054	rVB	570659	524440	18.68%	0.916%
23	8.304	1054	1057	1064	rVB6	149474	235414	8.39%	0.411%
24	8.363	1064	1067	1069	rBV2	78063	93497	3.33%	0.163%
25	8.422	1074	1077	1080	rVB2	155492	142270	5.07%	0.248%
26	8.469	1082	1085	1088	rBV2	112125	116790	4.16%	0.204%
27	8.504	1088	1091	1096	rBV5	442603	533807	19.02%	0.932%
28	8.551	1096	1099	1100	rBV3	183537	168289	6.00%	0.294%
29	8.586	1100	1105	1107	rVB3	177600	168423	6.00%	0.294%
30	8.628	1110	1112	1115	rVB	668917	473217	16.86%	0.826%
31	8.657	1115	1117	1121	rVB2	114939	103302	3.68%	0.180%
32	8.728	1125	1129	1132	rBV	491642	499107	17.78%	0.871%
33	8.798	1137	1141	1146	rBV	1570585	1615347	57.55%	2.820%
34	8.845	1146	1149	1154	rVV5	134577	282466	10.06%	0.493%

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35	8.886	1154	1156	1160	rVB2	316000	332096	11.83%	0.580%
36	9.045	1180	1183	1187	rBV2	554564	610550	21.75%	1.066%
37	9.081	1187	1189	1194	rVV2	392723	516731	18.41%	0.902%
38	9.128	1194	1197	1200	rVB4	284539	345603	12.31%	0.603%
39	9.163	1200	1203	1206	rBV2	551281	524596	18.69%	0.916%
40	9.204	1208	1210	1212	rVV	297949	233784	8.33%	0.408%
41	9.228	1212	1214	1218	rVV2	634266	557393	19.86%	0.973%
42	9.263	1218	1220	1223	rVV2	110821	93734	3.34%	0.164%
43	9.304	1223	1227	1234	rVV	2256961	2472249	88.08%	4.316%
44	9.369	1234	1238	1243	rVV	2182343	2163913	77.09%	3.778%
45	9.410	1243	1245	1247	rVV2	235667	245736	8.75%	0.429%
46	9.445	1249	1251	1254	rVV2	339789	378017	13.47%	0.660%
47	9.481	1254	1257	1260	rVB4	145483	151307	5.39%	0.264%
48	9.551	1267	1269	1271	rBV	151740	129265	4.61%	0.226%
49	9.622	1276	1281	1283	rBV3	302248	428948	15.28%	0.749%
50	9.639	1283	1284	1288	rVV4	192097	219671	7.83%	0.384%
51	9.686	1288	1292	1297	rVV3	903236	1340972	47.78%	2.341%
52	9.745	1300	1302	1304	rBV	224131	145174	5.17%	0.253%
53	9.839	1315	1318	1320	rBV4	142727	156582	5.58%	0.273%
54	9.898	1324	1328	1332	rVV	2288922	2141271	76.29%	3.738%
55	9.933	1332	1334	1337	rVV3	190753	218646	7.79%	0.382%
56	9.963	1337	1339	1341	rVV3	154156	151916	5.41%	0.265%
57	9.992	1341	1344	1348	rVB	721483	813153	28.97%	1.420%
58	10.128	1364	1367	1370	rBV3	193660	275869	9.83%	0.482%
59	10.157	1370	1372	1374	rVV2	283642	228123	8.13%	0.398%
60	10.186	1374	1377	1379	rVV	229423	185452	6.61%	0.324%
61	10.216	1379	1382	1387	rVV3	432774	559306	19.93%	0.976%
62	10.251	1387	1388	1393	rVB	291905	252923	9.01%	0.442%
63	10.304	1393	1397	1400	rBV5	212800	373022	13.29%	0.651%
64	10.398	1409	1413	1416	rBV	2302812	2058417	73.34%	3.594%
65	10.428	1416	1418	1421	rVV2	222037	236185	8.41%	0.412%
66	10.457	1421	1423	1429	rVB6	142570	181364	6.46%	0.317%
67	10.616	1445	1450	1453	rBV	900300	1079903	38.47%	1.885%
68	10.639	1453	1454	1457	rVB3	163166	99301	3.54%	0.173%
69	10.669	1457	1459	1462	rVB	192727	152859	5.45%	0.267%
70	10.698	1462	1464	1468	rBV2	240874	246727	8.79%	0.431%
71	10.739	1468	1471	1475	rVB2	330473	309009	11.01%	0.539%

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72	10.786	1476	1479	1486	rBV	1011242	1372105	48.88%	2.395%
73	10.875	1490	1494	1499	rBV	2146818	2728916	97.22%	4.764%
74	11.063	1523	1526	1530	rBV	201239	253813	9.04%	0.443%
75	11.098	1530	1532	1534	rVB	187264	143529	5.11%	0.251%
76	11.128	1534	1537	1539	rVB2	158024	150351	5.36%	0.262%
77	11.157	1539	1542	1545	rVB	256575	219325	7.81%	0.383%
78	11.192	1545	1548	1550	rBV2	195371	178876	6.37%	0.312%
79	11.322	1566	1570	1572	rBV	1782686	1525453	54.35%	2.663%
80	11.345	1572	1574	1577	rVB	581702	548200	19.53%	0.957%
81	11.457	1591	1593	1595	rBV	84973	85136	3.03%	0.149%
82	11.486	1595	1598	1604	rVV	621474	861293	30.69%	1.504%
83	11.563	1609	1611	1613	rVV2	116594	96656	3.44%	0.169%
84	11.592	1613	1616	1619	rVB2	193654	180346	6.43%	0.315%
85	11.627	1619	1622	1626	rBV2	171644	181500	6.47%	0.317%
86	11.698	1631	1634	1639	rVV	161901	173066	6.17%	0.302%
87	11.745	1639	1642	1646	rVB	1477060	1233448	43.94%	2.153%
88	11.851	1657	1660	1665	rVB	272741	267885	9.54%	0.468%
89	11.910	1667	1670	1675	rVB3	107758	158395	5.64%	0.277%
90	12.151	1708	1711	1715	rBV	1051371	932967	33.24%	1.629%
91	12.433	1756	1759	1762	rVB	109268	98920	3.52%	0.173%
92	12.539	1773	1777	1779	rBV2	1335190	1390815	49.55%	2.428%
93	12.639	1792	1794	1799	rVB2	140295	117995	4.20%	0.206%
94	12.916	1838	1841	1843	rVV	461063	401162	14.29%	0.700%
95	13.069	1863	1867	1874	rVV	1556253	1650145	58.79%	2.881%
96	13.269	1898	1901	1904	rBV	332559	248216	8.84%	0.433%
97	13.610	1956	1959	1967	rVB	172316	164985	5.88%	0.288%
98	13.939	2012	2015	2022	rVB	186463	189851	6.76%	0.331%
99	14.139	2045	2049	2059	rBV	454421	629861	22.44%	1.100%
100	15.680	2306	2311	2332	rVB	353247	651922	23.23%	1.138%

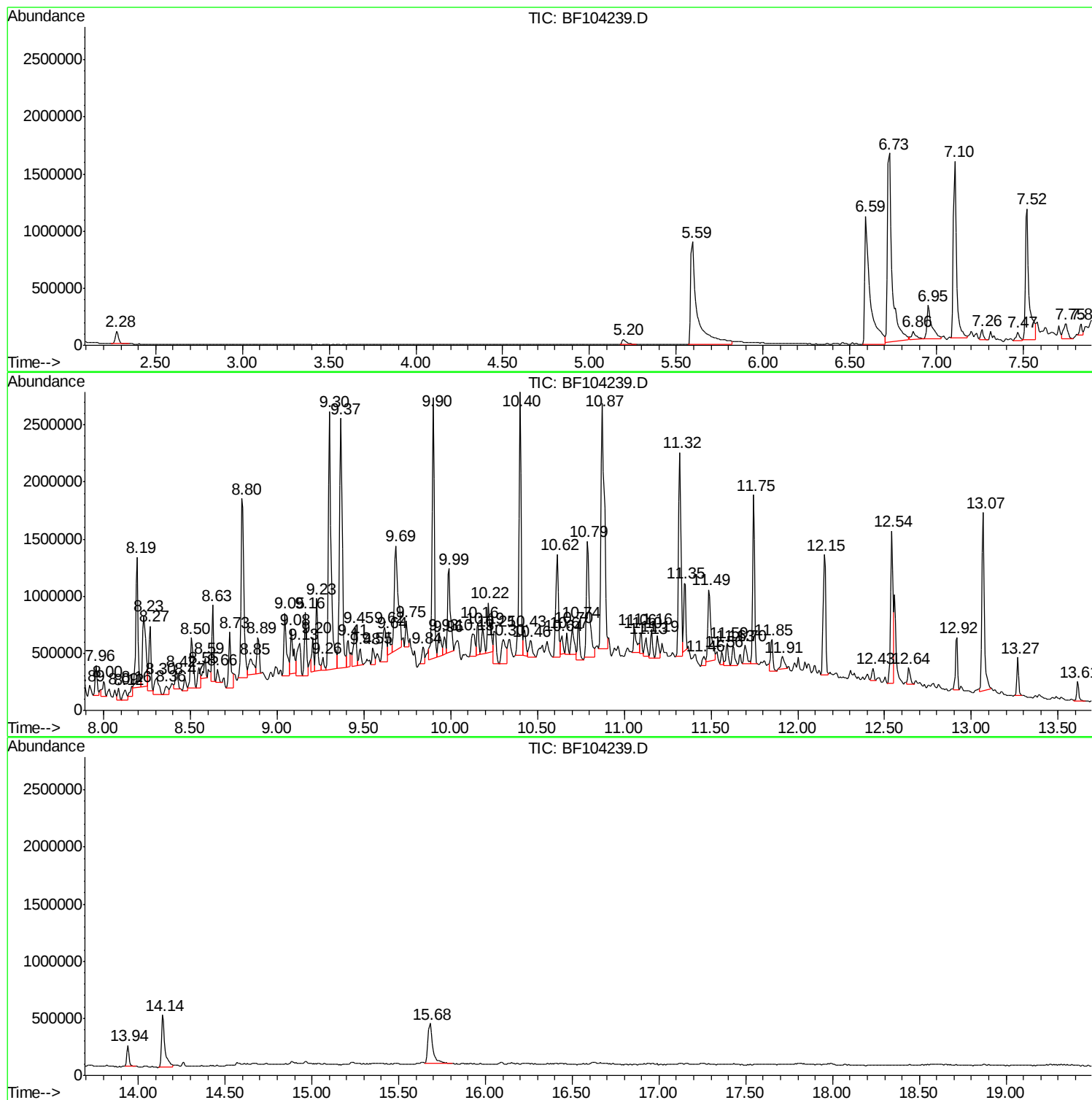
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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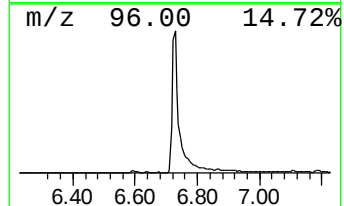
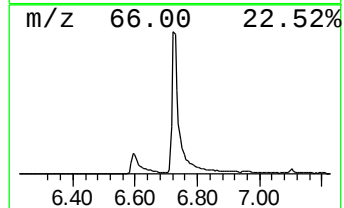
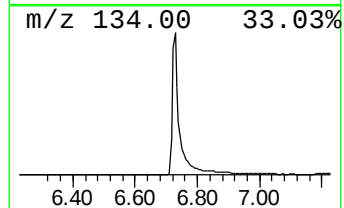
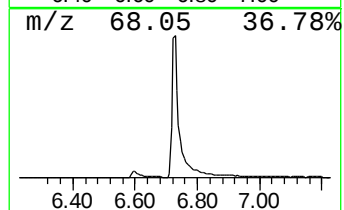
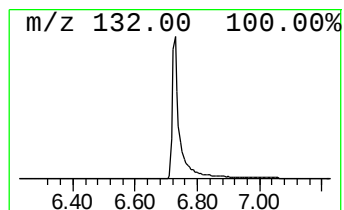
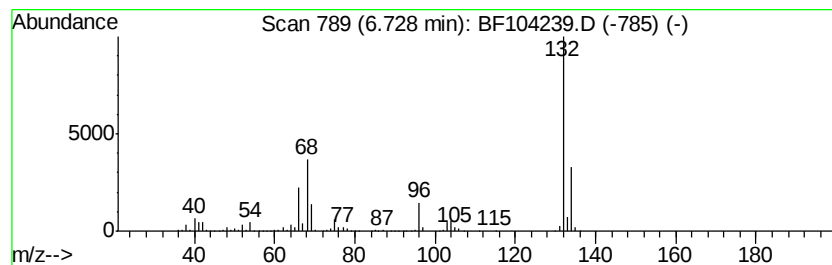
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	99.38 ng	2806840	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	12
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5		Xenon	132	Xe	007440-63-3	9



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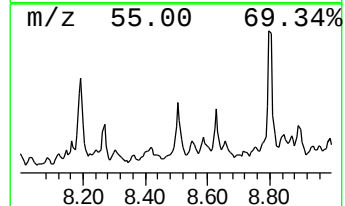
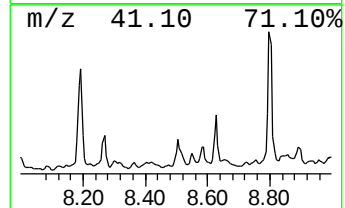
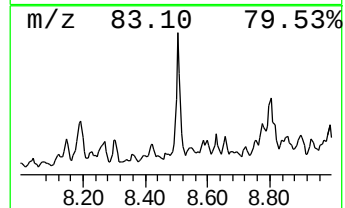
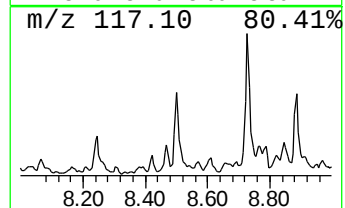
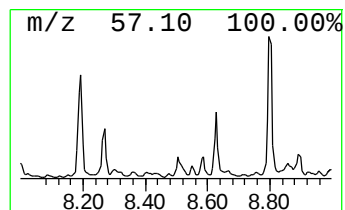
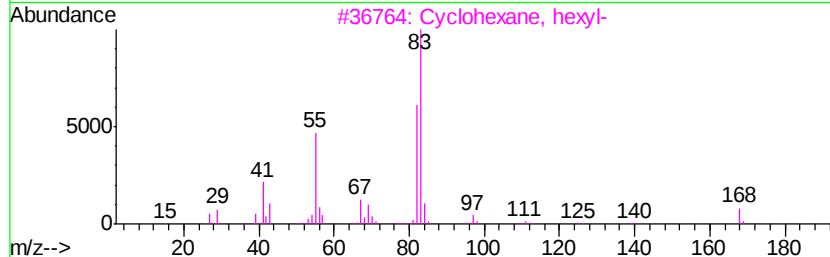
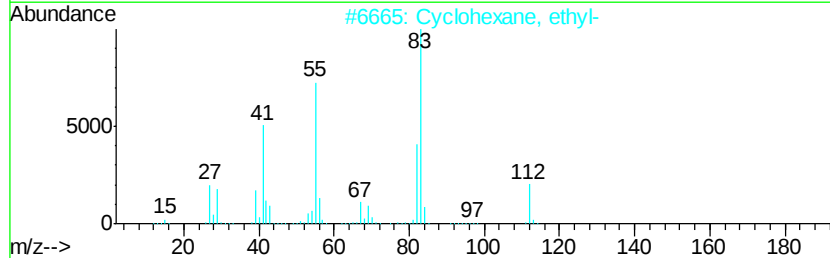
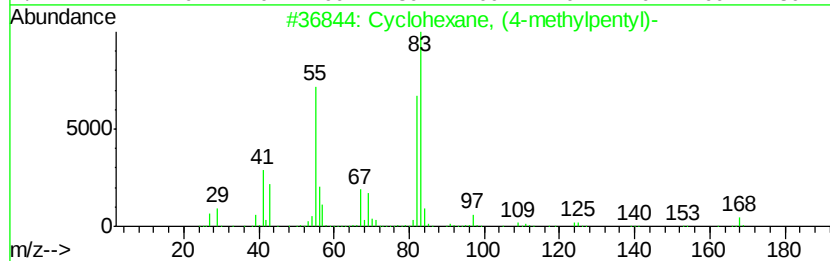
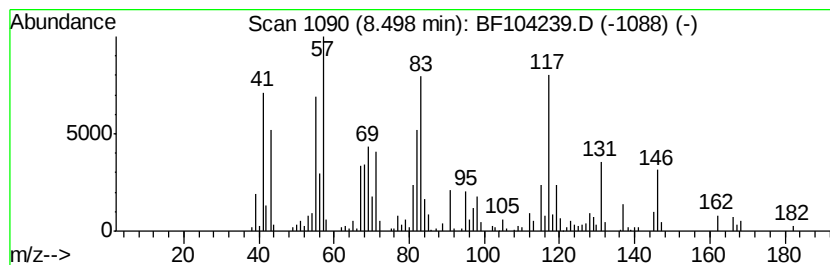
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown8.50 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	14.57 ng	533807	Napthalene-d8	8.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	25
2		Cyclohexane, ethyl-	112	C8H16	001678-91-7	22
3		Cyclohexane, hexyl-	168	C12H24	004292-75-5	22
4		Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	22
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	22



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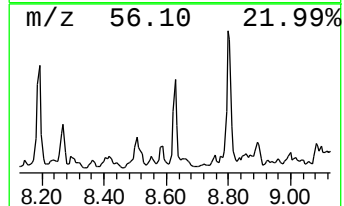
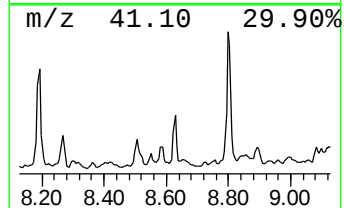
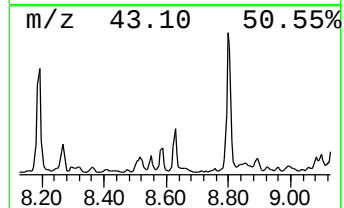
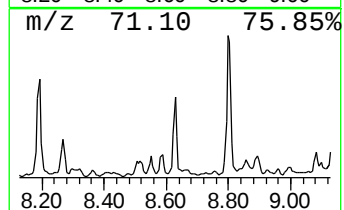
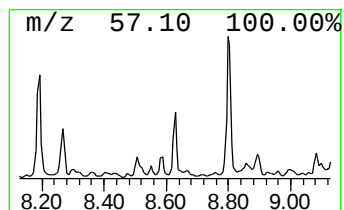
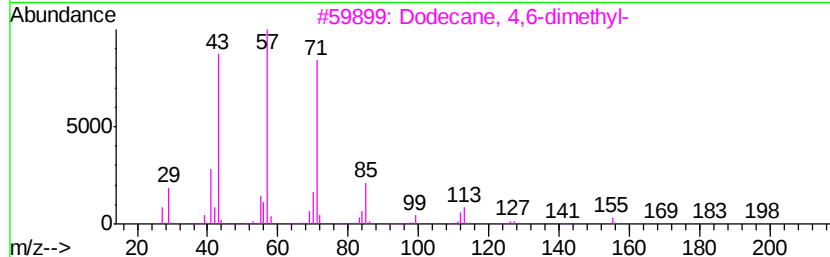
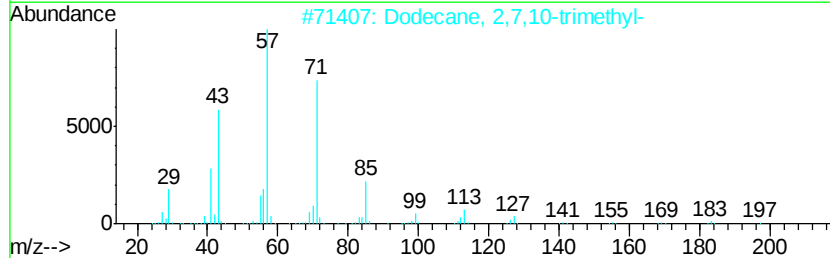
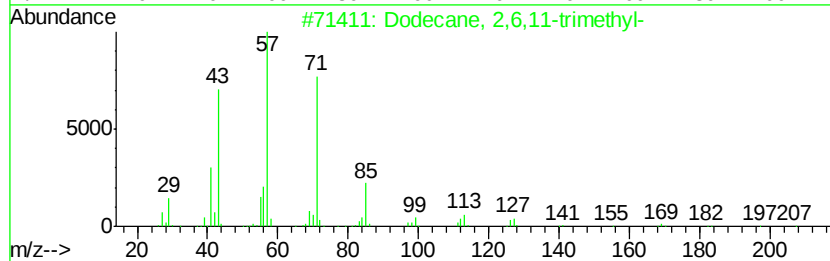
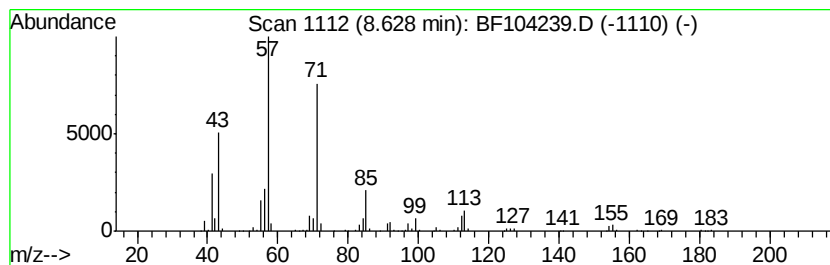
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Dodecane, 2,6,11-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	12.92 ng	473217	Napthalene-d8	8.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
5		Decane, 2-methyl-	156	C11H24	006975-98-0	62



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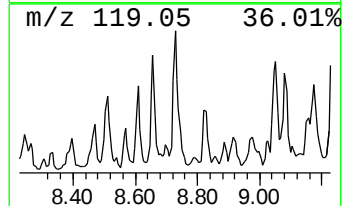
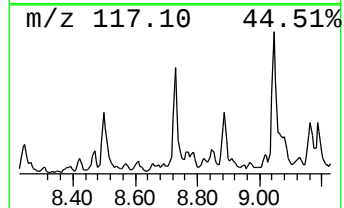
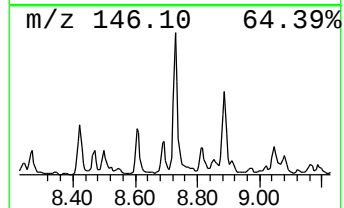
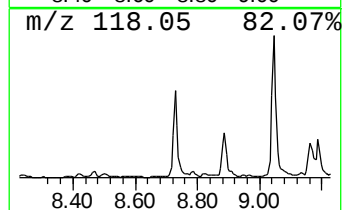
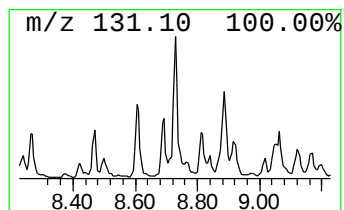
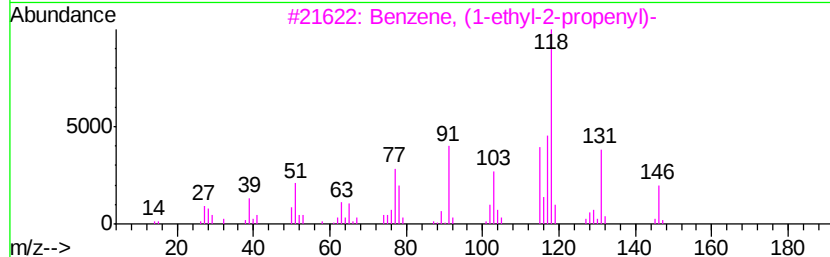
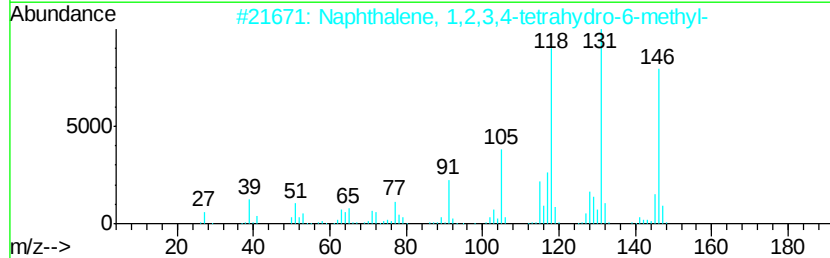
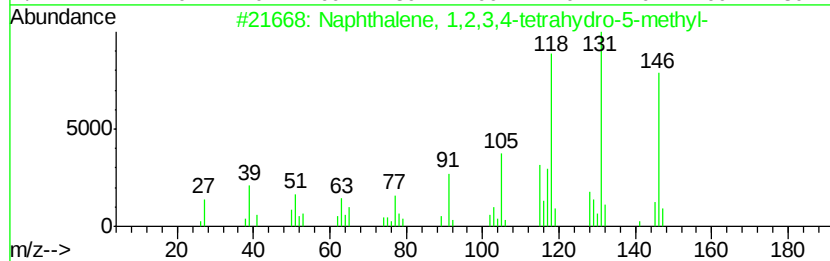
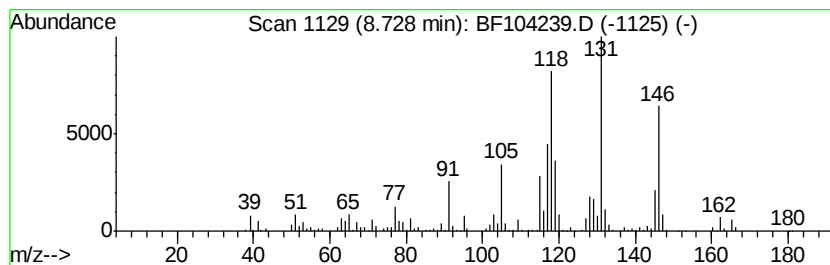
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,2,3,4-tetra... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	13.63 ng	499107	Naphthalene-d8	8.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
3		Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	90
4		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
5		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	55



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
Data File : BF104239.D
Acq On : 4 Apr 2018 21:27
Operator : JU/SJ
Sample : J2197-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

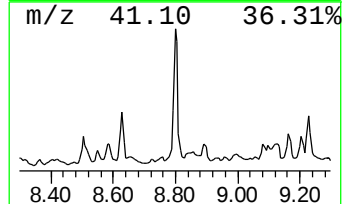
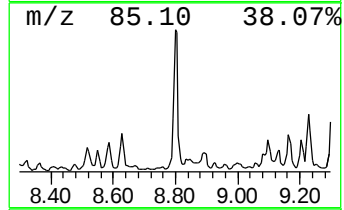
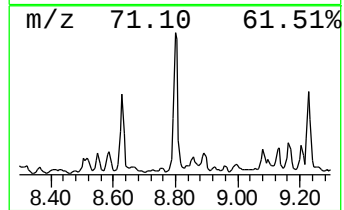
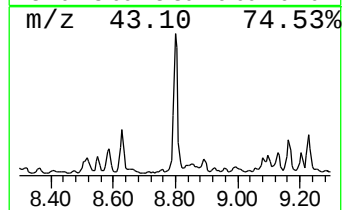
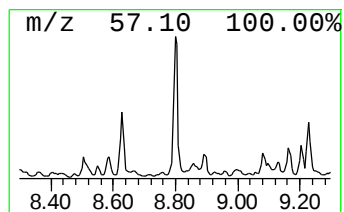
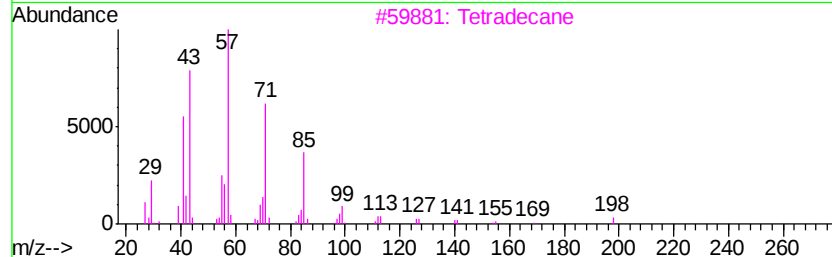
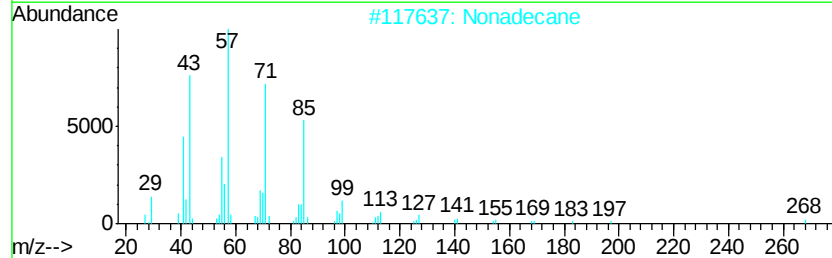
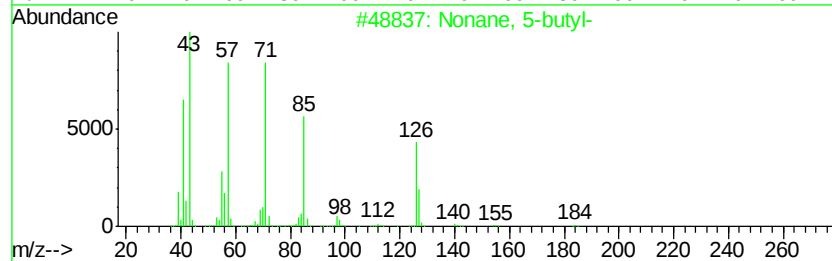
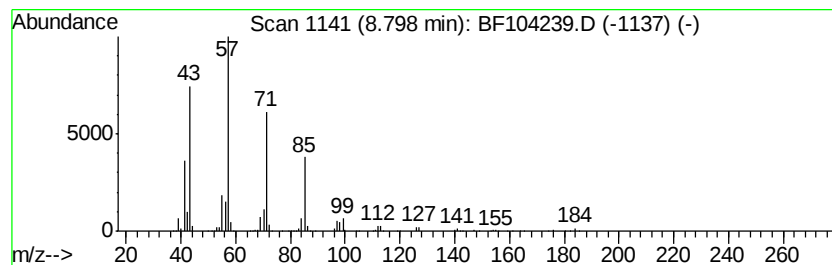
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Nonane, 5-butyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	44.10 ng	1615350	Naphthalene-d8	8.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane, 5-butyl-	184 C13H28	017312-63-9	93
2	Nonadecane	268 C19H40	000629-92-5	90
3	Tetradecane	198 C14H30	000629-59-4	83
4	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	83
5	Tridecane	184 C13H28	000629-50-5	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040418\
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ClientSampleId :
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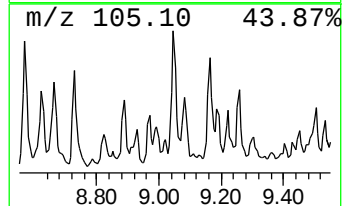
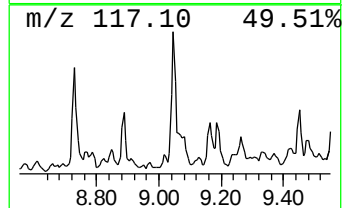
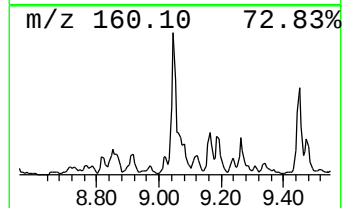
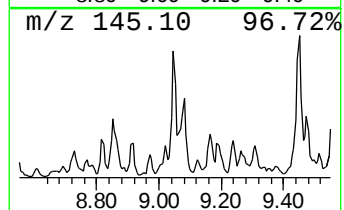
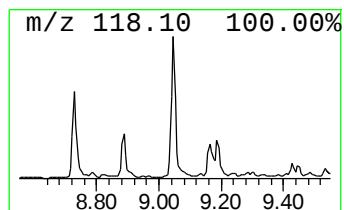
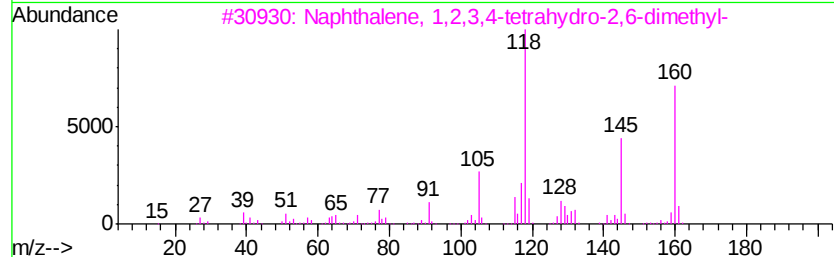
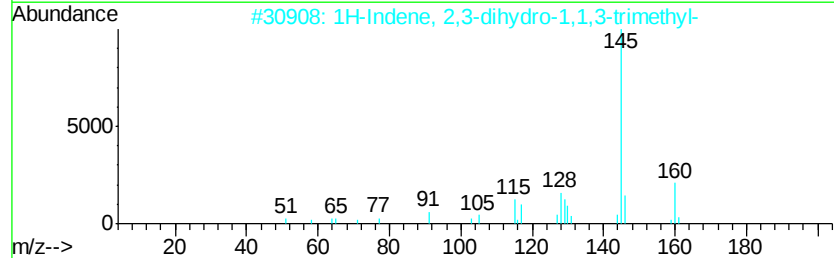
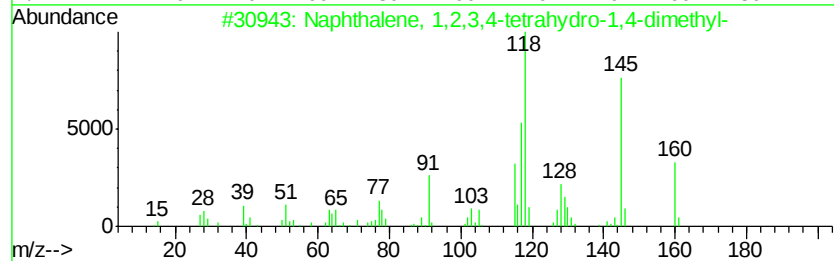
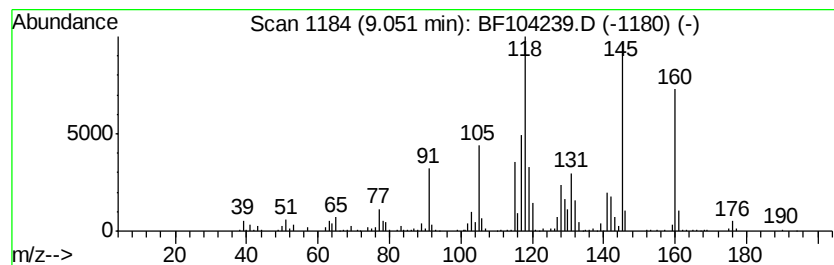
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	16.67 ng	610550	Naphthalene-d8	8.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	96
2		1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	89
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	87
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	81
5		1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040418\
Data File : BF104239.D
Acq On : 4 Apr 2018 21:27
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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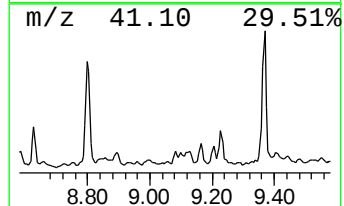
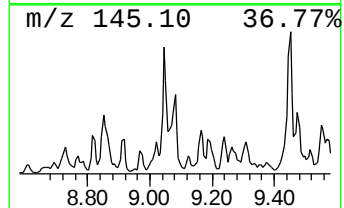
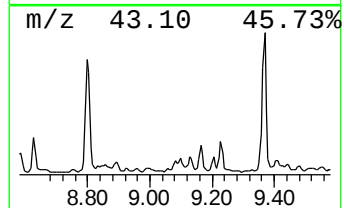
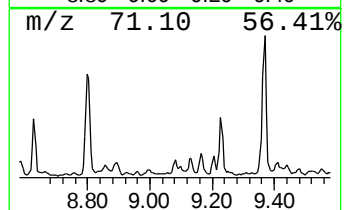
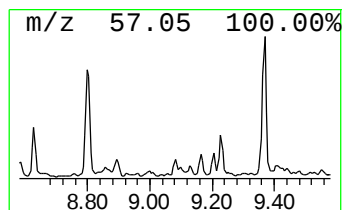
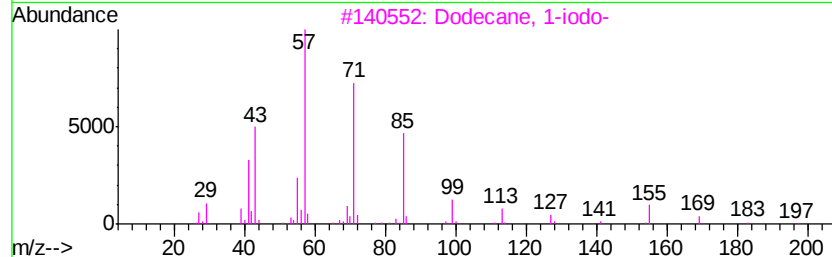
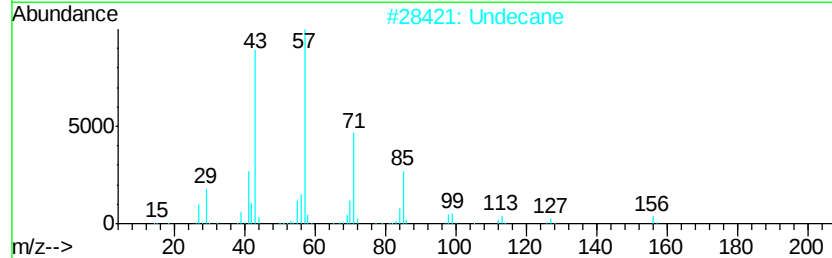
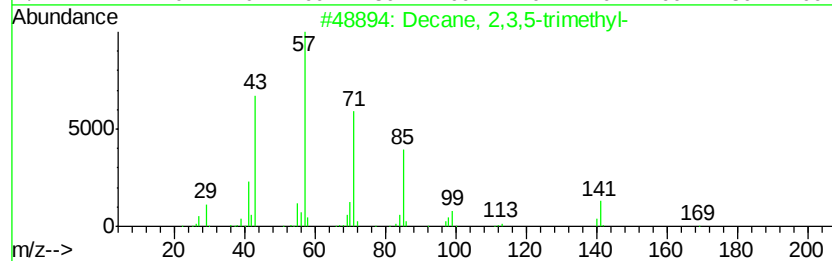
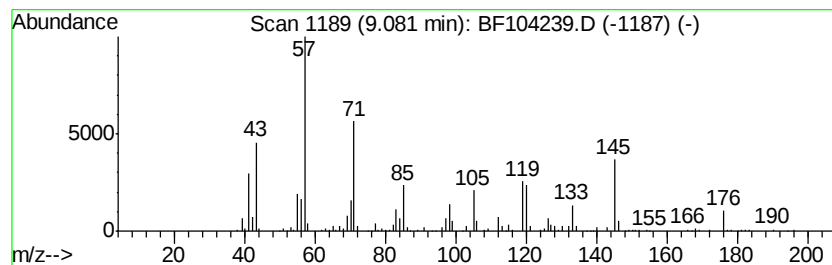
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown9.08 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	14.11 ng	516731	Naphthalene-d8	8.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	27
2		Undecane	156	C11H24	001120-21-4	27
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	27
4		Tridecane	184	C13H28	000629-50-5	27
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040418\
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ALS Vial : 17 Sample Multiplier: 1

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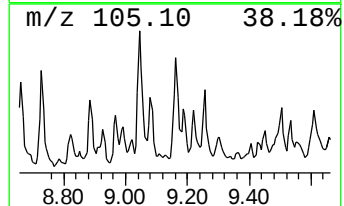
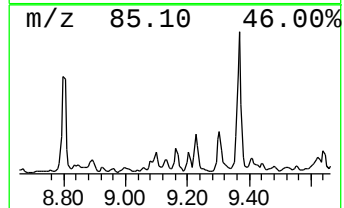
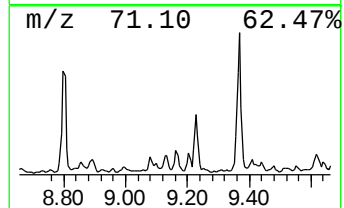
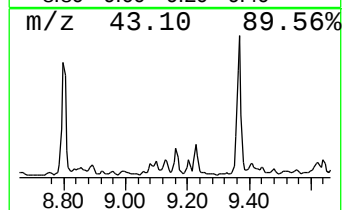
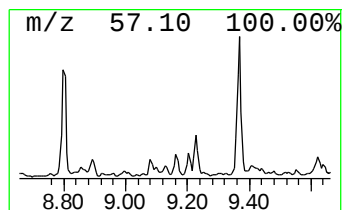
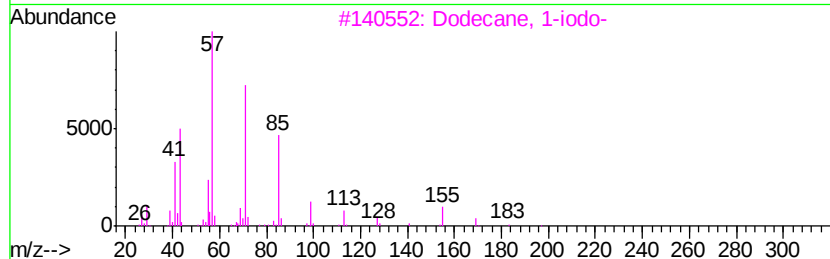
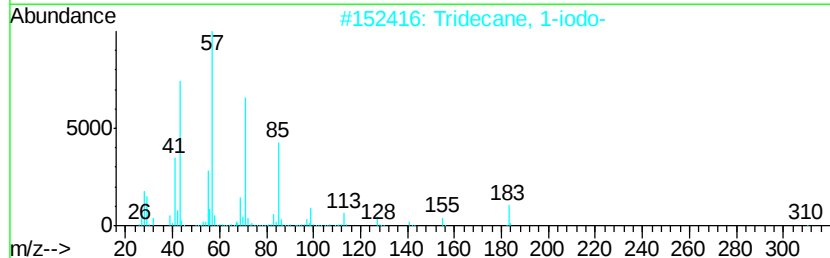
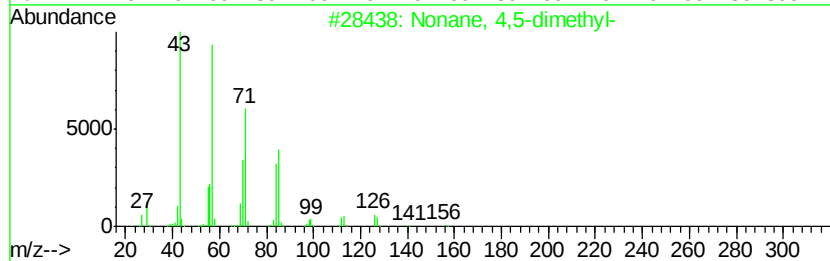
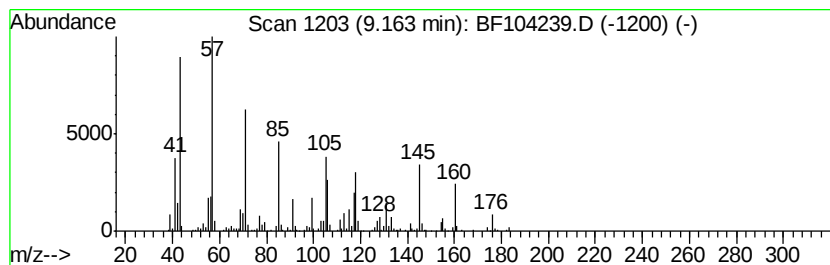
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown9.16 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	12.90 ng	524596	Acenaphthene-d10	9.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	41
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	41
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	38
4		Heptacosane	380	C27H56	000593-49-7	38
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040418\
Data File : BF104239.D
Acq On : 4 Apr 2018 21:27
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
DRUM-STONES

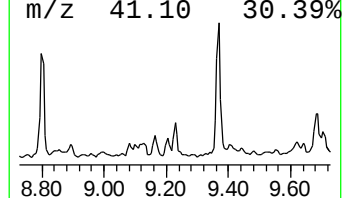
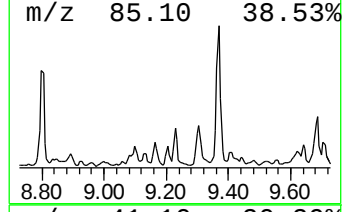
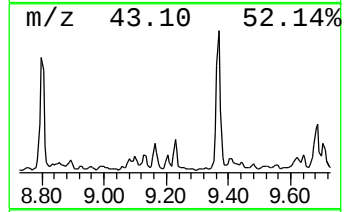
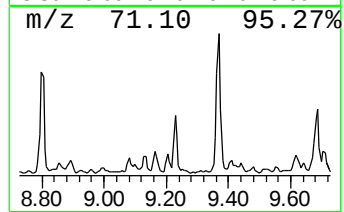
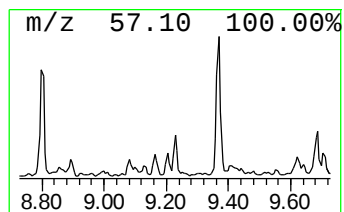
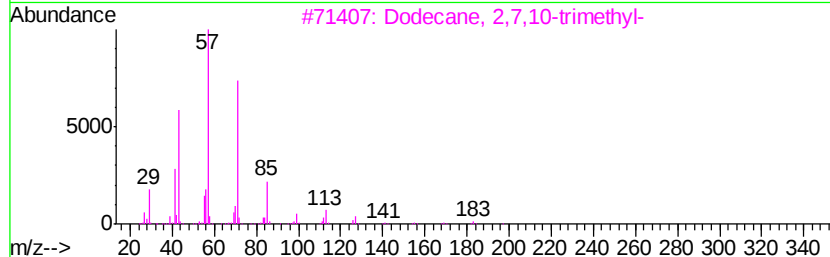
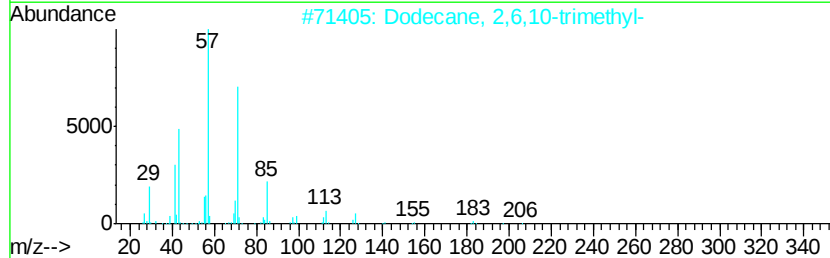
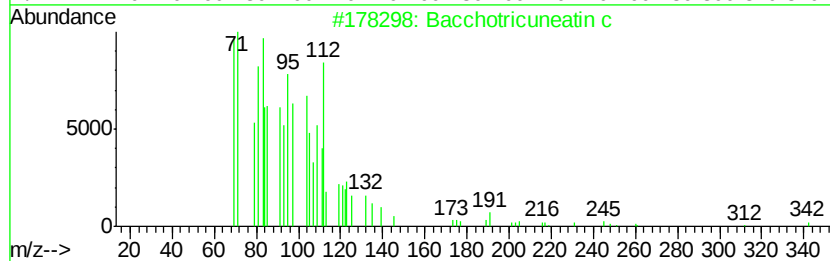
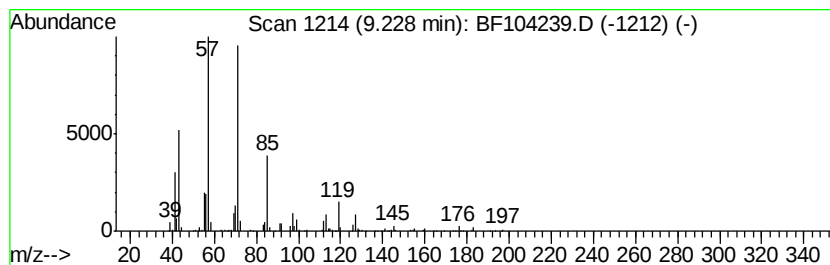
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Bacchotricuneatin c Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	13.71 ng	557393	Acenaphthene-d10	9.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	80
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	68
4		1-Threitol, 2-O-nonyl-	248	C13H28O4	163776-15-6	53
5		Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
Data File : BF104239.D
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ALS Vial : 17 Sample Multiplier: 1

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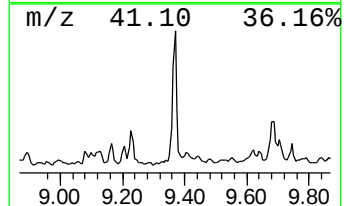
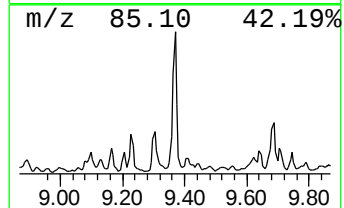
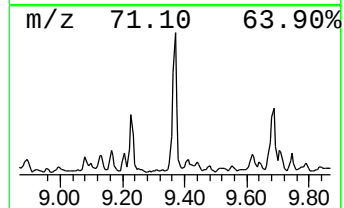
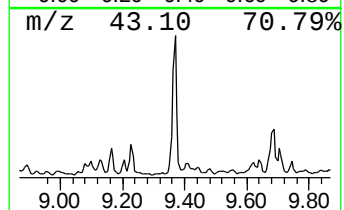
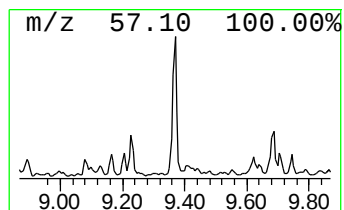
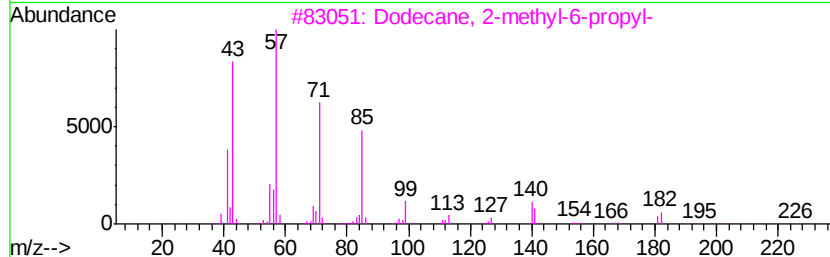
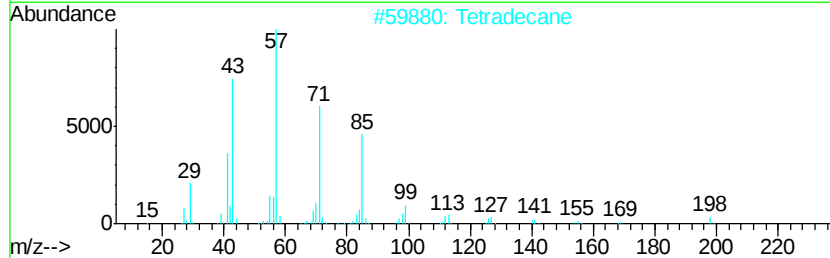
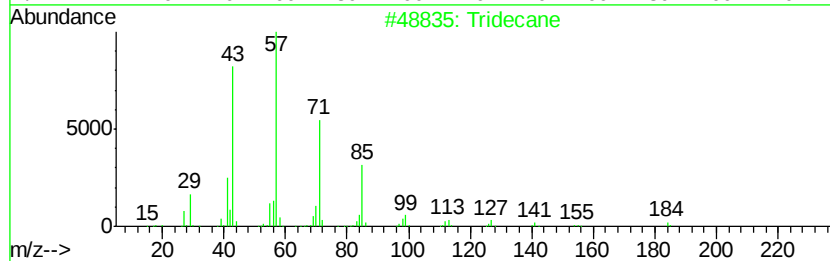
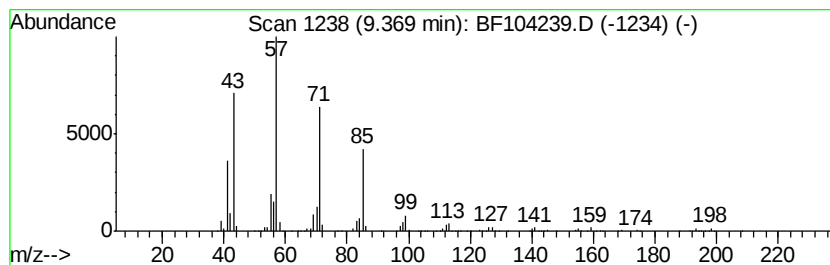
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	53.22 ng	2163910	Acenaphthene-d10	9.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	90
2		Tetradecane	198	C14H30	000629-59-4	80
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
5		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040418\
Data File : BF104239.D
Acq On : 4 Apr 2018 21:27
Operator : JU/SJ
Sample : J2197-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-STONES

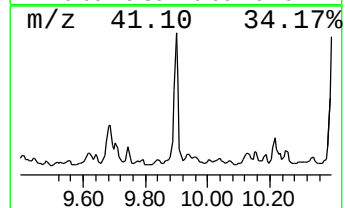
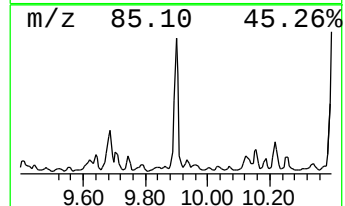
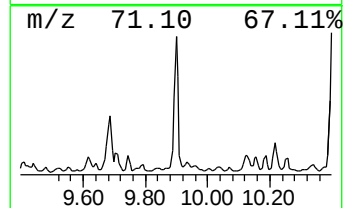
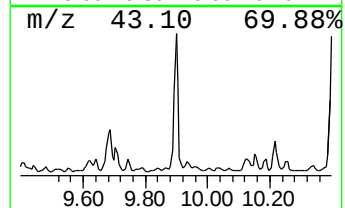
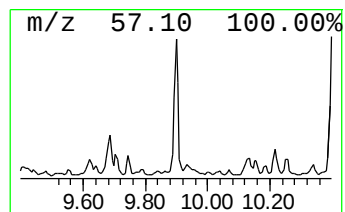
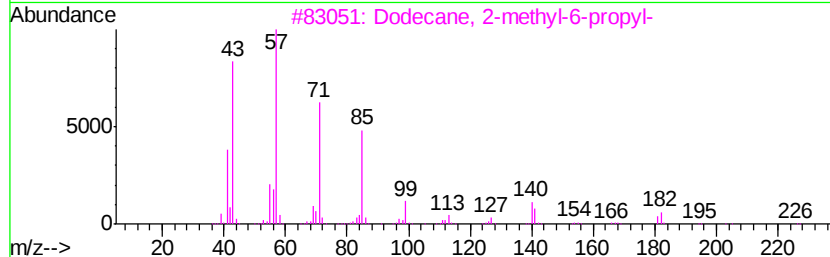
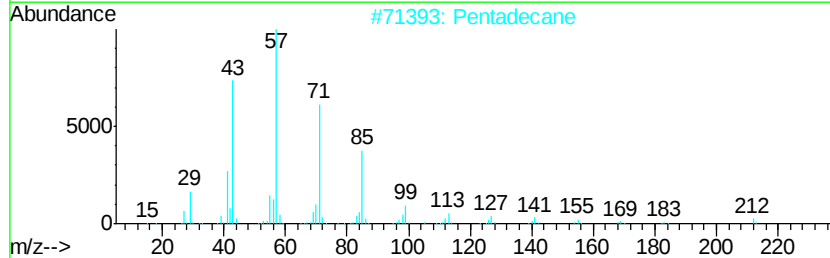
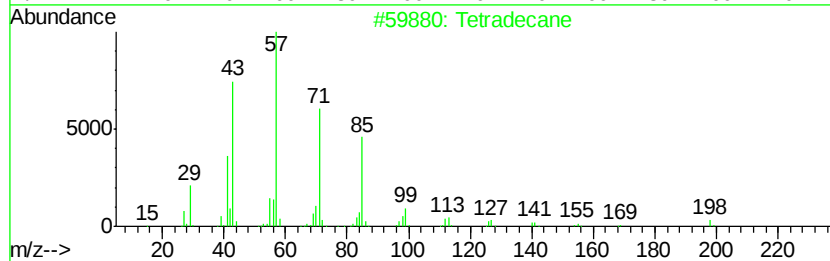
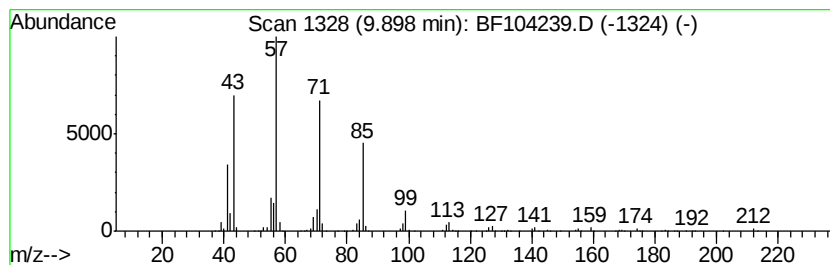
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	52.67 ng	2141270	Acenaphthene-d10	9.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	91
2		Pentadecane	212	C15H32	000629-62-9	90
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4		Hexadecane	226	C16H34	000544-76-3	80
5		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
Data File : BF104239.D
Acq On : 4 Apr 2018 21:27
Operator : JU/SJ
Sample : J2197-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

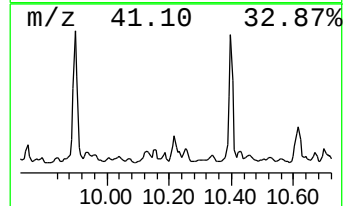
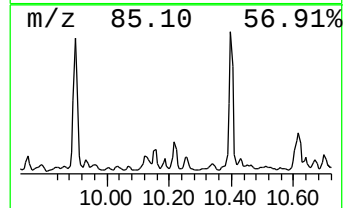
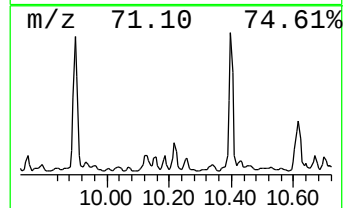
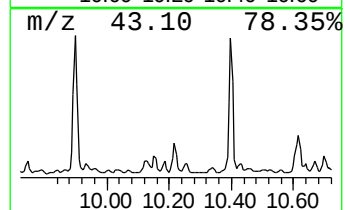
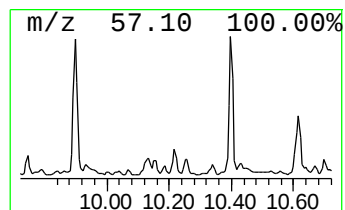
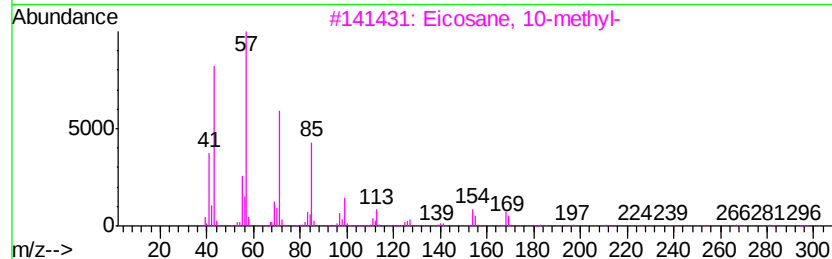
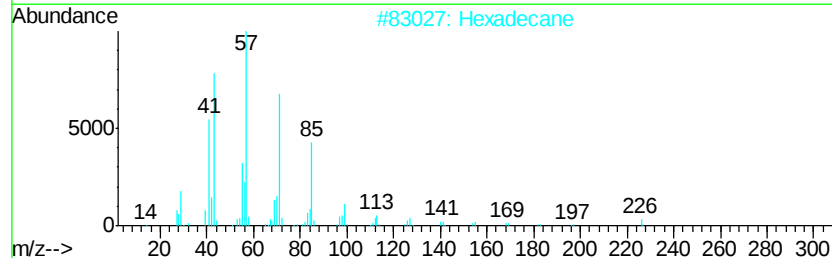
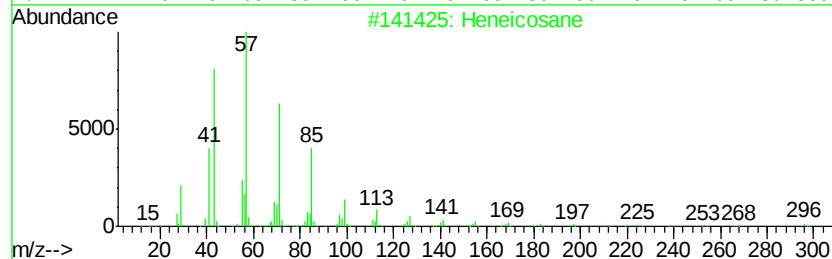
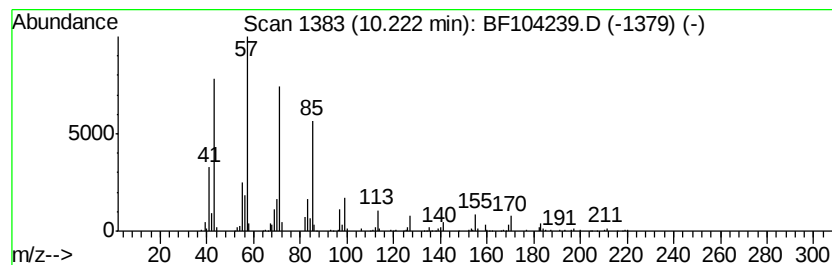
Instrument :
BNA_F
ClientSampleId :
DRUM-STONES

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.22	13.76 ng	559306	Acenaphthene-d10		9.99
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040418\
Data File : BF104239.D
Acq On : 4 Apr 2018 21:27
Operator : JU/SJ
Sample : J2197-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-STONES

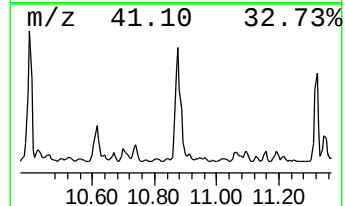
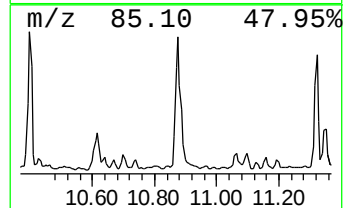
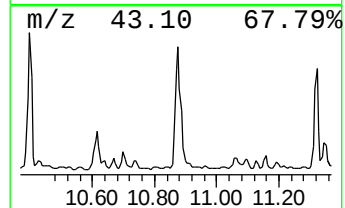
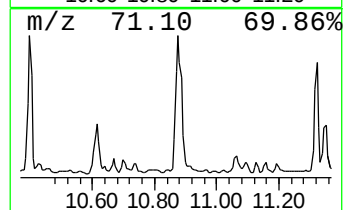
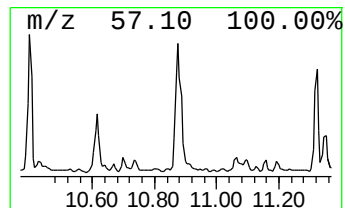
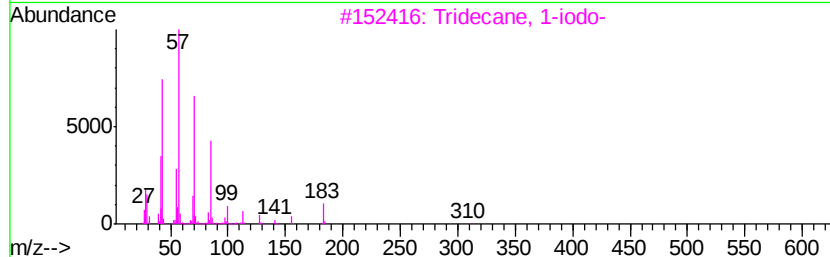
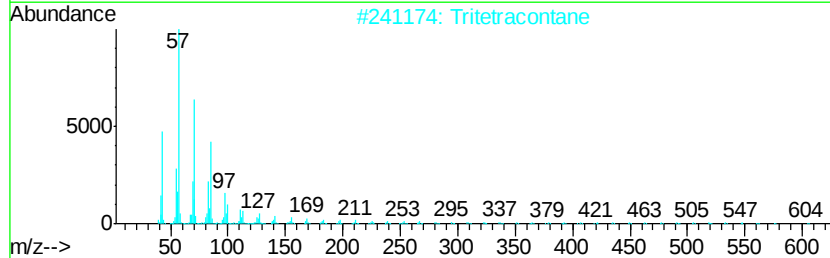
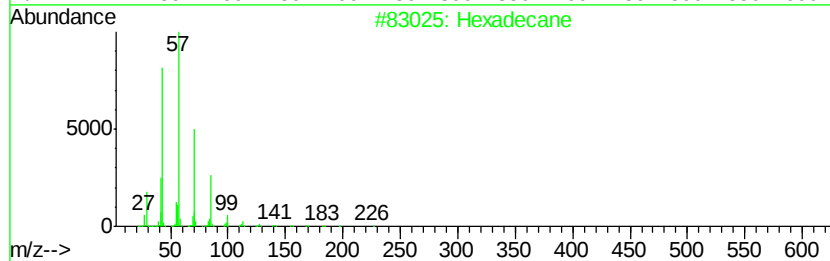
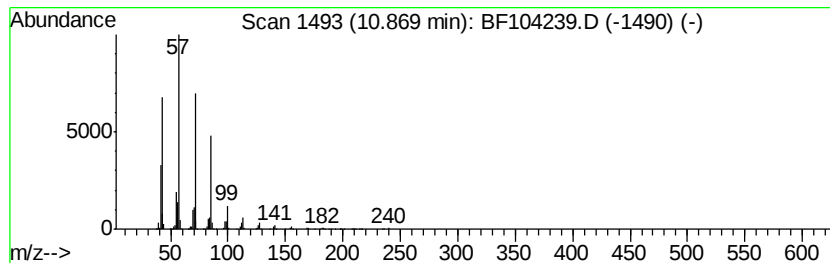
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	63.37 ng	2728920	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Tritetracontane	605	C43H88	007098-21-7	90
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
Data File : BF104239.D
Acq On : 4 Apr 2018 21:27
Operator : JU/SJ
Sample : J2197-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-STONES

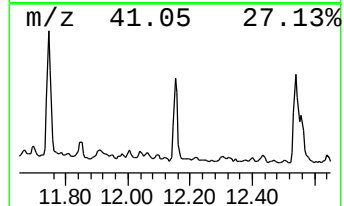
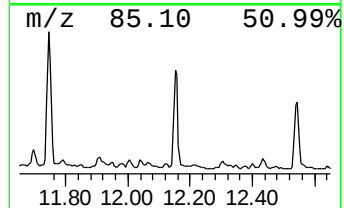
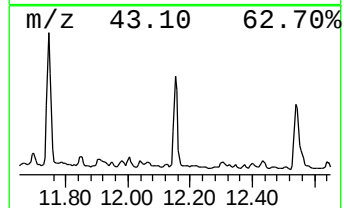
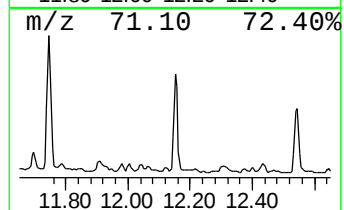
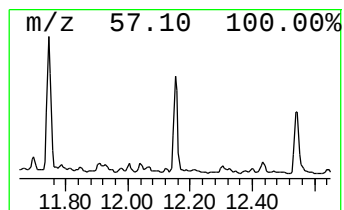
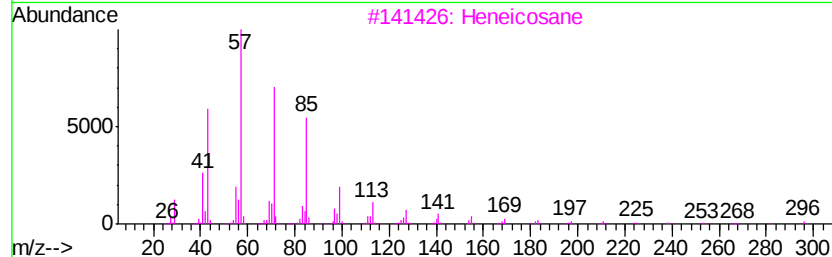
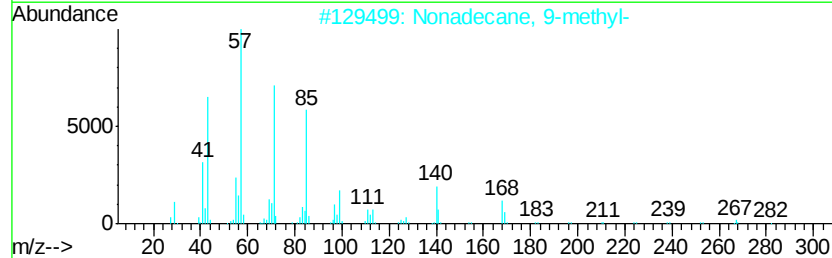
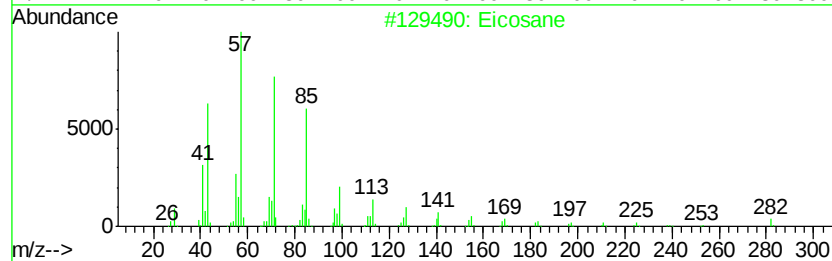
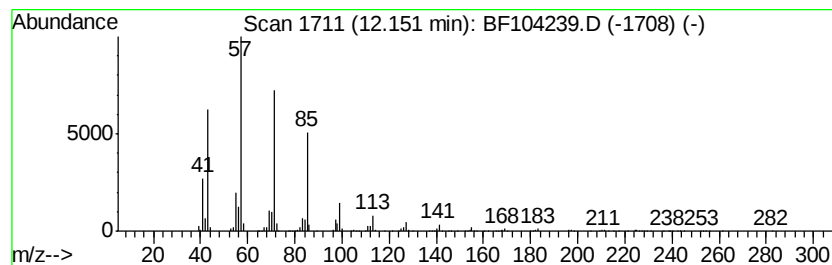
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	21.66 ng	932967	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
3		Heneicosane	296	C21H44	000629-94-7	91
4		Nonadecane	268	C19H40	000629-92-5	91
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040418\
Data File : BF104239.D
Acq On : 4 Apr 2018 21:27
Operator : JU/SJ
Sample : J2197-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-STONES

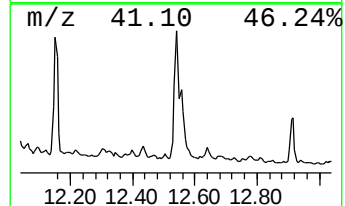
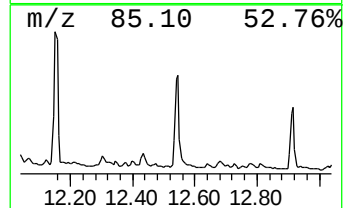
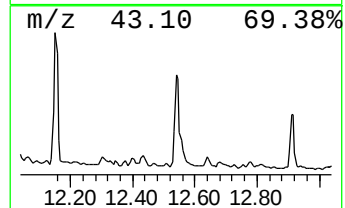
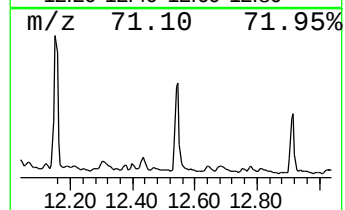
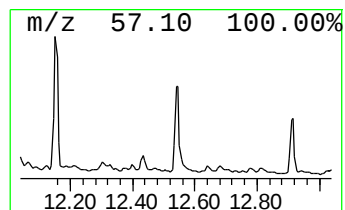
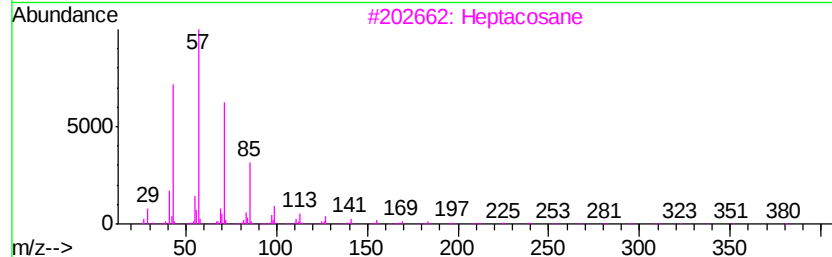
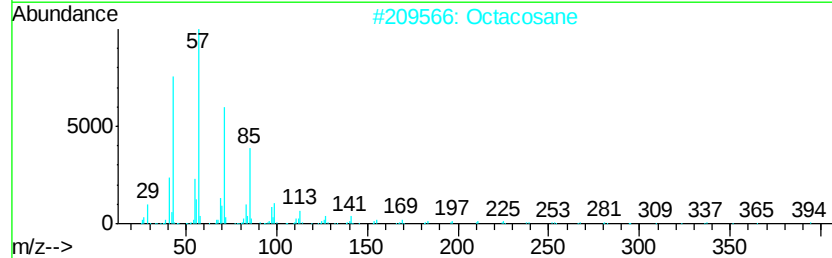
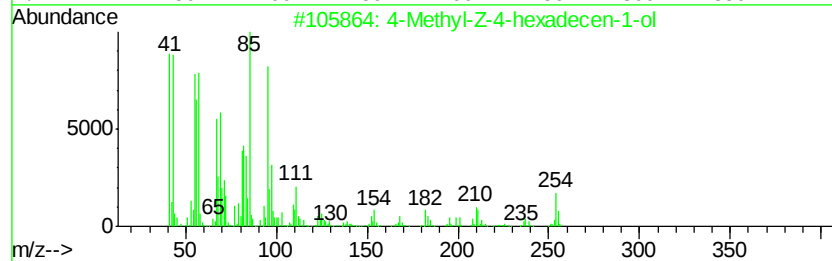
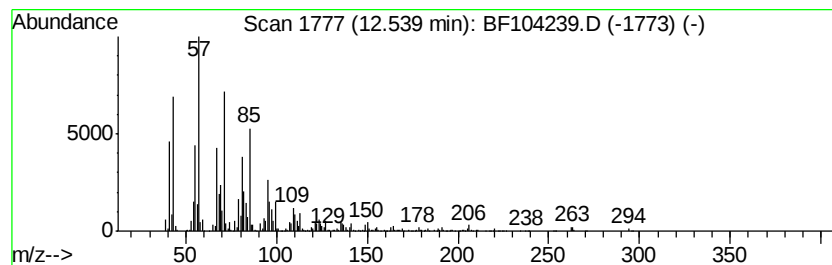
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 4-Methyl-Z-4-hexadecen-1-ol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	32.30 ng	1390820	Phenanthrene-d10	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Methyl-Z-4-hexadecen-1-ol	254	C17H34O	1000130-89-0	62
2			Octacosane	394	C28H58	000630-02-4	45
3			Heptacosane	380	C27H56	000593-49-7	45
4			Hexacosane	366	C26H54	000630-01-3	45
5			Heneicosane	296	C21H44	000629-94-7	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040418\
 Data File : BF104239.D
 Acq On : 4 Apr 2018 21:27
 Operator : JU/SJ
 Sample : J2197-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-STONES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown8.50	8.50	14.6	ng	533807	2	8.23	732542	20.0
Dodecane, 2,6,11-...	8.63	12.9	ng	473217	2	8.23	732542	20.0
Naphthalene, 1,2,...	8.73	13.6	ng	499107	2	8.23	732542	20.0
Nonane, 5-butyl-	8.80	44.1	ng	1615350	2	8.23	732542	20.0
Naphthalene, 1,2,...	9.05	16.7	ng	610550	2	8.23	732542	20.0
unknown9.08	9.08	14.1	ng	516731	2	8.23	732542	20.0
unknown9.16	9.16	12.9	ng	524596	3	9.99	813153	20.0
Bacchotricuneatin c	9.23	13.7	ng	557393	3	9.99	813153	20.0
Tridecane	9.37	53.2	ng	2163910	3	9.99	813153	20.0
Tetradecane	9.90	52.7	ng	2141270	3	9.99	813153	20.0
Heneicosane	10.22	13.8	ng	559306	3	9.99	813153	20.0
Hexadecane	10.87	63.4	ng	2728920	4	11.49	861293	20.0
Eicosane	12.15	21.7	ng	932967	4	11.49	861293	20.0
4-Methyl-Z-4-hexa...	12.54	32.3	ng	1390820	4	11.49	861293	20.0