LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020146.D
Acq On : 06 May 2019 21:26
Operator : JU/SJ
Sample : K2674-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SV28545L

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_M\METHODS\8270-BM043019.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	4.922	324	329	339	rVB	134219	201453	2.17%	0.251%
2	5.375	398	406	414	rBV	1182138	1716251	18.49%	2.140%
3	6.963	664	676	682	rBV	909021	1611824	17.37%	2.010%
4	7.093	691	698	705	rBV	119808	206851	2.23%	0.258%
5	7.328	730	738	745	rBV	2270144	3590597	38.68%	4.477%
6	7.793	811	817	829	rVB	560829	945363	10.18%	1.179%
7	7.898	829	835	842	rBV	119560	208416	2.25%	0.260%
8	8.069	859	864	866	rBV	384986	575106	6.20%	0.717%
9	8.110	866	871	878	rVB	2226154	3674919	39.59%	4.582%
10	8.328	904	908	918	rVB2	79902	161123	1.74%	0.201%
11	8.422	918	924	930	rBV2	133794	228268	2.46%	0.285%
12	8.887	997	1003	1008	rVV2	122976	211562	2.28%	0.264%
13	8.963	1008	1016	1026	rVV	1732404	3167476	34.13%	3.949%
14	9.404	1086	1091	1096	rVB	88044	135145	1.46%	0.168%
15	9.463	1096	1101	1105	rBV	115243	198592	2.14%	0.248%
16	9.775	1146	1154	1159	rVV4	63158	172518	1.86%	0.215%
17	9.834	1159	1164	1172	rVB5	101396	215924	2.33%	0.269%
18	9.981	1183	1189	1195	rVV3	243339	416804	4.49%	0.520%
19	10.216	1223	1229	1235	rVB	228670	358914	3.87%	0.447%
20	10.539	1278	1284	1288	rBV2	349220	622168	6.70%	0.776%
21	10.586	1288	1292	1298	rVB	579646	943199	10.16%	1.176%
22	10.692	1305	1310	1312	rBV	87790	146637	1.58%	0.183%
23	10.716	1312	1314	1320	rVB2	123148	183445	1.98%	0.229%
24	10.792	1320	1327	1335	rBV4	74088	164166	1.77%	0.205%
25	11.045	1366	1370	1377	rVB	220016	373254	4.02%	0.465%
26	11.163	1383	1390	1397	rBV3	109259	224735	2.42%	0.280%
27	11.239	1398	1403	1405	rBV	78837	131615	1.42%	0.164%
28	11.269	1406	1408	1415	rVB5	87323	171682	1.85%	0.214%
29	11.398	1426	1430	1439	rVB6	73520	183692	1.98%	0.229%
30	11.486	1439	1445	1453	rBV4	183347	382835	4.12%	0.477%
31	11.581	1453	1461	1466	rBV3	172138	329844	3.55%	0.411%
32	11.686	1474	1479	1484	rVB	99156	159492	1.72%	0.199%
33	11.775	1484	1494	1501	rBV2	547914	986387	10.63%	1.230%
34	11.992	1522	1531	1536	rBV3	538094	928079	10.00%	1.157%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020146.D
Acq On : 06 May 2019 21:26
Operator : JU/SJ
Sample : K2674-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SV28545L

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_M\METHODS\8270-BM043019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.133	1551	1555	1561	rVB	334556	511098	5.51%	0.637%
36	12.210	1561	1568	1572	rVB6	78520	137202	1.48%	0.171%
37	12.498	1610	1617	1622	rVV2	557248	988828	10.65%	1.233%
38	12.580	1628	1631	1635	rVB	140505	178765	1.93%	0.223%
39	12.628	1635	1639	1644	rBV4	98743	188010	2.03%	0.234%
40	12.686	1644	1649	1654	rVV3	87843	192509	2.07%	0.240%
41	12.757	1654	1661	1667	rVV5	147701	413135	4.45%	0.515%
42	12.810	1667	1670	1675	rVB2	277020	370609	3.99%	0.462%
43	12.898	1681	1685	1687	rBV2	101329	142980	1.54%	0.178%
44	12.951	1690	1694	1696	rVV	222351	328813	3.54%	0.410%
45	12.980	1696	1699	1705	rVV2	175116	270362	2.91%	0.337%
46	13.057	1705	1712	1720	rVB	4494114	6585106	70.95%	8.210%
47	13.127	1720	1724	1730	rVB3	109224	179536	1.93%	0.224%
48	13.239	1739	1743	1751	rVB	751648	1125549	12.13%	1.403%
49	13.375	1761	1766	1770	rVB	374978	574581	6.19%	0.716%
50	13.427	1770	1775	1778	rBV	112183	155525	1.68%	0.194%
51	13.592	1799	1803	1806	rBV2	185465	269859	2.91%	0.336%
52	13.622	1806	1808	1815	rVB6	142096	195958	2.11%	0.244%
53	13.716	1818	1824	1825	rBV4	131744	223605	2.41%	0.279%
54	13.757	1828	1831	1835	rVV4	229783	416643	4.49%	0.519%
55	13.804	1835	1839	1844	rVV3	277086	480459	5.18%	0.599%
56	13.898	1844	1855	1859	rVV3	637390	1282692	13.82%	1.599%
57	13.945	1859	1863	1867	rVV3	405465	622561	6.71%	0.776%
58	14.016	1867	1875	1881	rVB4	302752	718548	7.74%	0.896%
59	14.080	1881	1886	1890	rBV5	68915	147447	1.59%	0.184%
60	14.163	1896	1900	1904	rBV6	88634	151898	1.64%	0.189%
61	14.257	1912	1916	1919	rBV5	101580	163267	1.76%	0.204%
62	14.316	1922	1926	1934	rVB	1275166	1743184	18.78%	2.173%
63	14.439	1934	1947	1952	rBV2	942657	1948588	20.99%	2.429%
64	14.510	1953	1959	1963	rVB5	92590	232029	2.50%	0.289%
65	14.651	1977	1983	1989	rVB4	156987	330287	3.56%	0.412%
66	14.757	1997	2001	2004	rBV4	122085	220403	2.37%	0.275%
67	14.827	2009	2013	2018	rVB4	136602	285402	3.07%	0.356%
68	14.916	2024	2028	2029	rBV2	155871	208055	2.24%	0.259%
69	14.939	2029	2032	2037	rVB3	258393	416703	4.49%	0.520%
70	15.051	2047	2051	2053	rBV3	178415	258436	2.78%	0.322%
71	15.163	2066	2070	2076	rVB6	92867	141670	1.53%	0.177%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020146.D
Acq On : 06 May 2019 21:26
Operator : JU/SJ
Sample : K2674-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SV28545L

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_M\METHODS\8270-BM043019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.274	2084	2089	2093	rVB	1350283	1771634	19.09%	2.209%
73	15.374	2102	2106	2116	rVB8	110075	297080	3.20%	0.370%
74	15.674	2150	2157	2167	rVB	549403	1167022	12.57%	1.455%
75	15.768	2170	2173	2177	rVB3	158122	195645	2.11%	0.244%
76	15.827	2180	2183	2190	rVB3	116606	207917	2.24%	0.259%
77	15.892	2190	2194	2196	rBV2	219898	284531	3.07%	0.355%
78	15.927	2196	2200	2207	rVB	2277236	3224136	34.74%	4.020%
79	16.133	2230	2235	2237	rBV	1417752	1896769	20.44%	2.365%
80	16.474	2289	2293	2297	rBV4	136171	212971	2.29%	0.266%
81	16.539	2301	2304	2309	rVB6	212201	300963	3.24%	0.375%
82	16.745	2336	2339	2347	rVB5	133710	202881	2.19%	0.253%
83	16.927	2365	2370	2373	rBV	1209128	1381594	14.88%	1.723%
84	16.974	2373	2378	2383	rVB	645088	967467	10.42%	1.206%
85	17.186	2408	2414	2419	rBV2	1158597	1720846	18.54%	2.145%
86	17.580	2477	2481	2485	rBV	192069	308415	3.32%	0.385%
87	17.662	2491	2495	2501	rVB	1043270	1293487	13.94%	1.613%
88	17.945	2540	2543	2548	rBV6	101152	184472	1.99%	0.230%
89	18.062	2560	2563	2568	rBV2	365789	498749	5.37%	0.622%
90	18.357	2609	2613	2617	rBV	894352	1020000	10.99%	1.272%
91	18.992	2717	2721	2725	rVB	670988	814853	8.78%	1.016%
92	19.286	2768	2771	2776	rVB	463968	530507	5.72%	0.661%
93	19.351	2779	2782	2791	rVB4	219430	375242	4.04%	0.468%
94	19.574	2816	2820	2823	rVB	443364	483300	5.21%	0.603%
95	19.809	2855	2860	2867	rBV	7735686	9281944	100.00%	11.572%
96	20.109	2908	2911	2914	rVB	296214	329958	3.55%	0.411%
97	20.603	2992	2995	2998	rBV	262574	274794	2.96%	0.343%
98	21.068	3071	3074	3079	rVB	367327	395813	4.26%	0.493%
99	21.368	3121	3125	3131	rBV	1423157	1917871	20.66%	2.391%
100	23.668	3511	3516	3523	rVB	1038122	1938690	20.89%	2.417%

Sum of corrected areas: 80208189

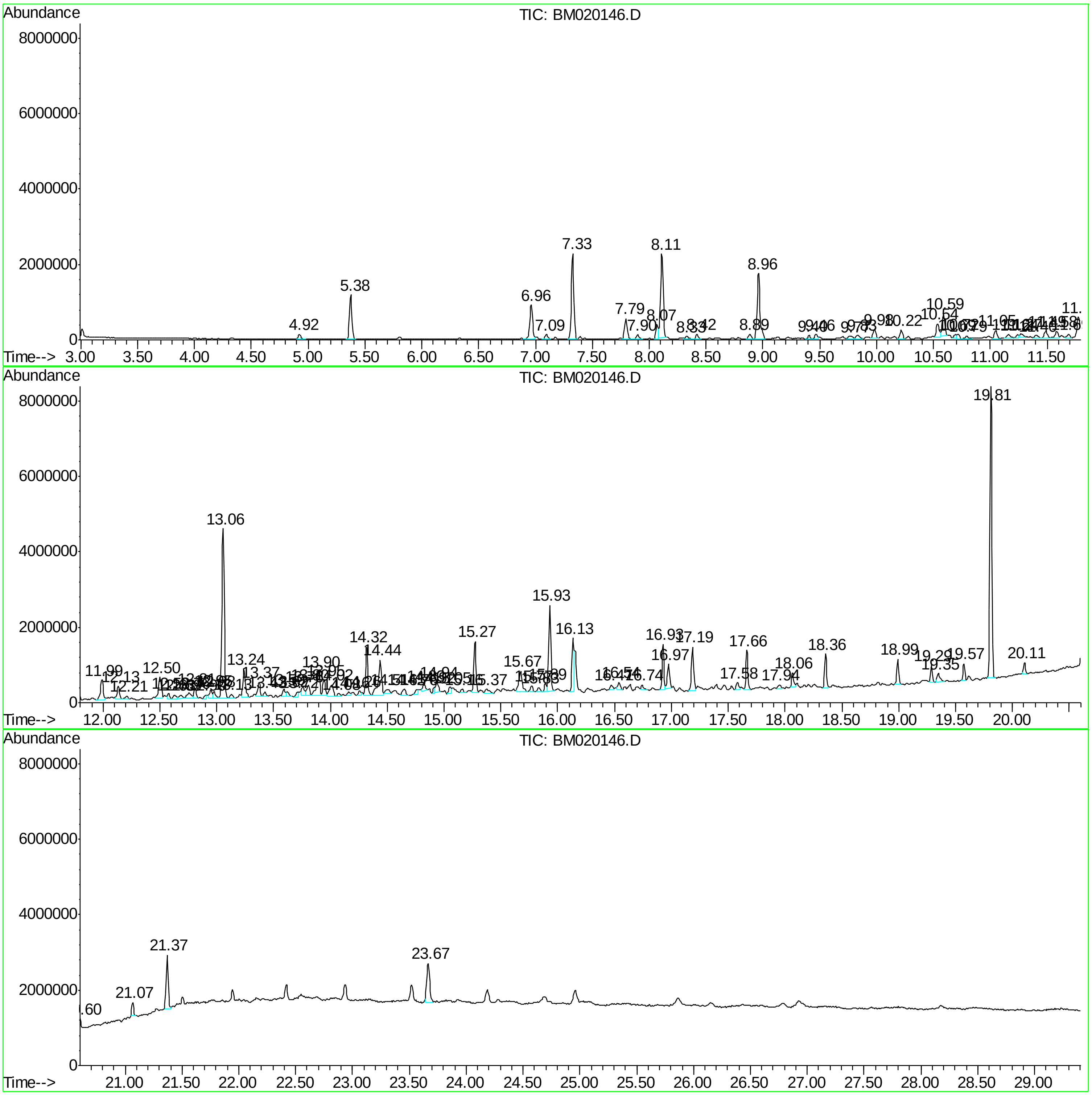
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020146.D
Acq On : 06 May 2019 21:26
Operator : JU/SJ
Sample : K2674-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SV28545L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

```
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020146.D
Acq On    : 06 May 2019  21:26
Operator  : JU/SJ
Sample    : K2674-03
Misc      :
ALS Vial  : 17   Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library   : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P
```

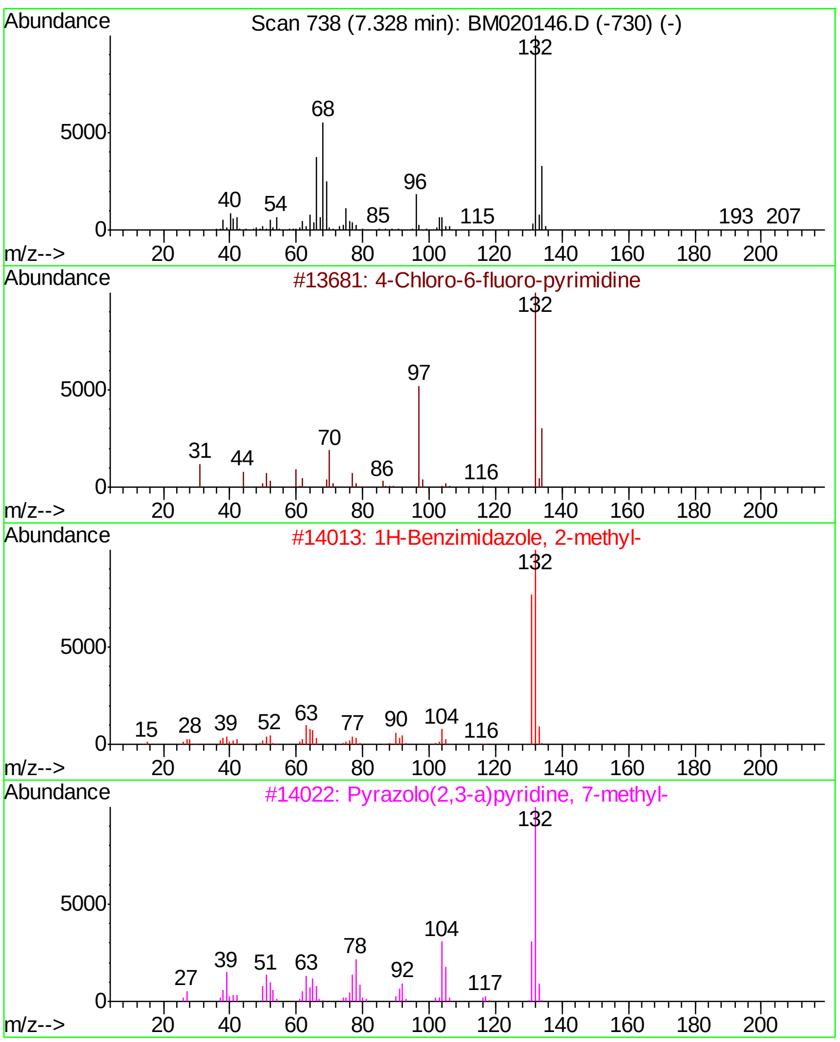
Instrument : BNA_M
ClientSampleId : SV28545L

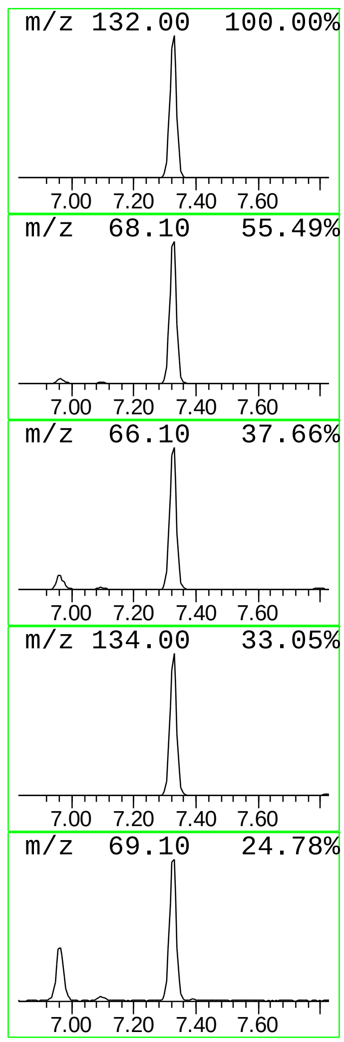
****

Peak Number 1 unknown7.33   Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	75.96 ng	3590600	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020146.D
Acq On : 06 May 2019 21:26
Operator : JU/SJ
Sample : K2674-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SV28545L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

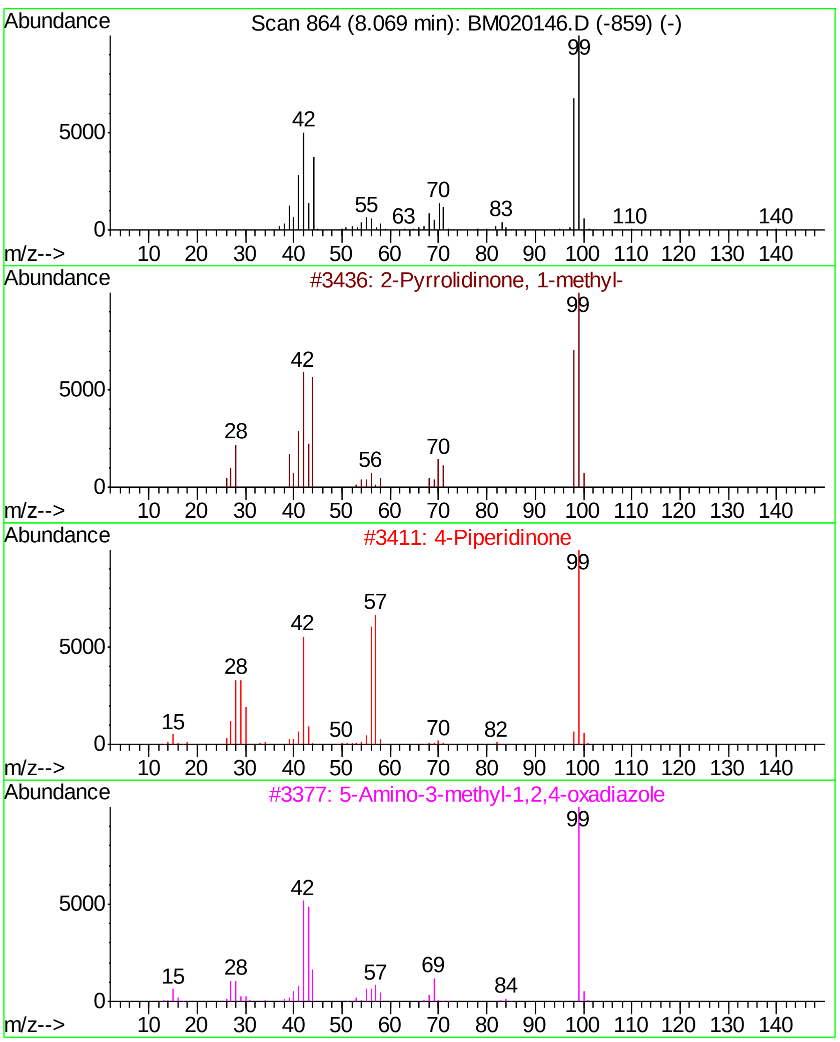
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

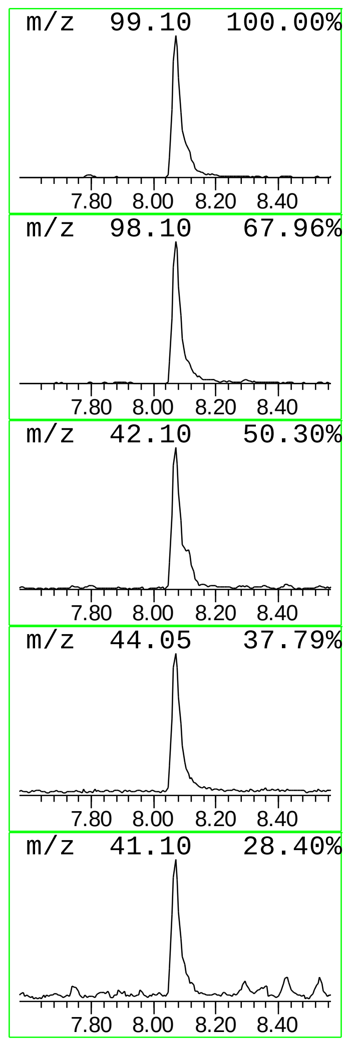
****

Peak Number 2 2-Pyrrolidinone, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	12.17 ng	575106	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone, 1-methyl-	99	C5H9NO	000872-50-4	91
2	4-Piperidinone	99	C5H9NO	041661-47-6	47
3	5-Amino-3-methyl-1,2,4-oxadiazole	99	C3H5N3O	003663-39-6	43
4	1,3,2-Dioxaborolane, 2,4-diethyl-	128	C6H13BO2	057633-63-3	38
5	2-Amino-4-methyl-oxazole	98	C4H6N2O	035629-70-0	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020146.D
Acq On : 06 May 2019 21:26
Operator : JU/SJ
Sample : K2674-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SV28545L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

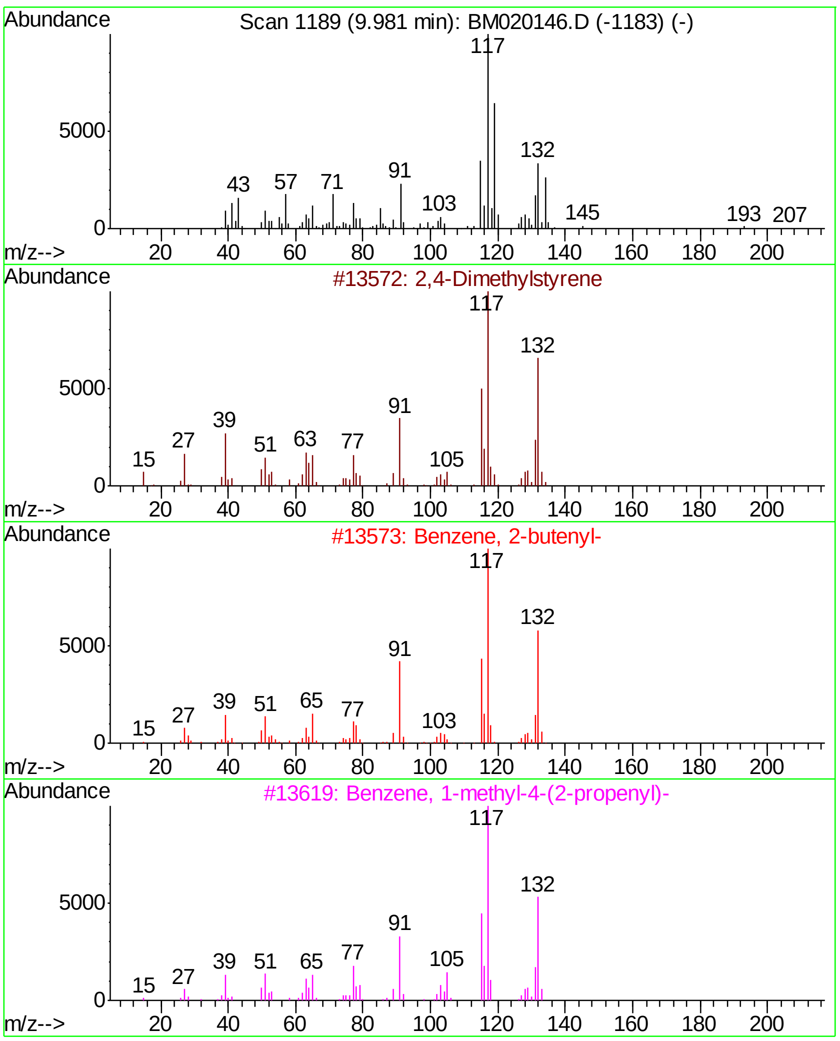
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

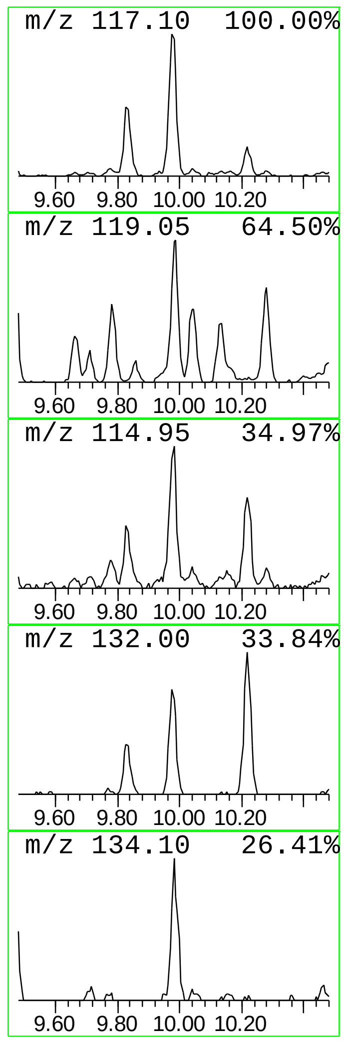
****

Peak Number 4 2,4-Dimethylstyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	8.84 ng	416804	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	87
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	86
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	86
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020146.D
Acq On : 06 May 2019 21:26
Operator : JU/SJ
Sample : K2674-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SV28545L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

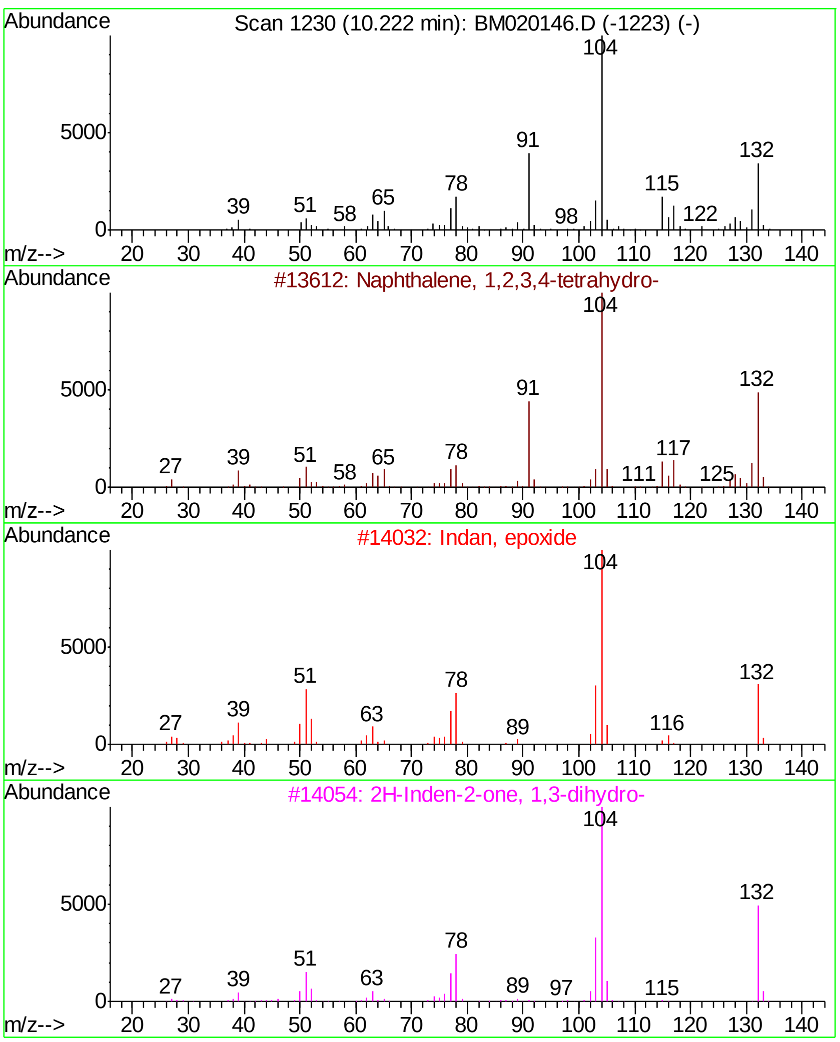
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

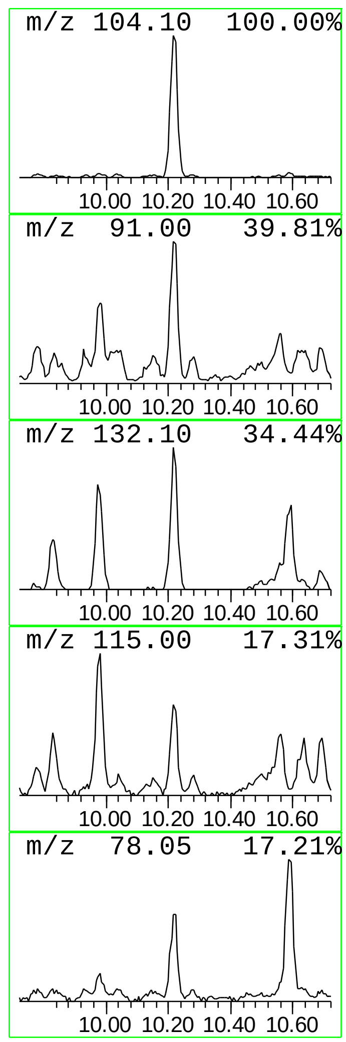
****

Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	7.61 ng	358914	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
2	Indan, epoxide	132	C9H8O	000768-22-9	53
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	52
4	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	43
5	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020146.D
Acq On : 06 May 2019 21:26
Operator : JU/SJ
Sample : K2674-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SV28545L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

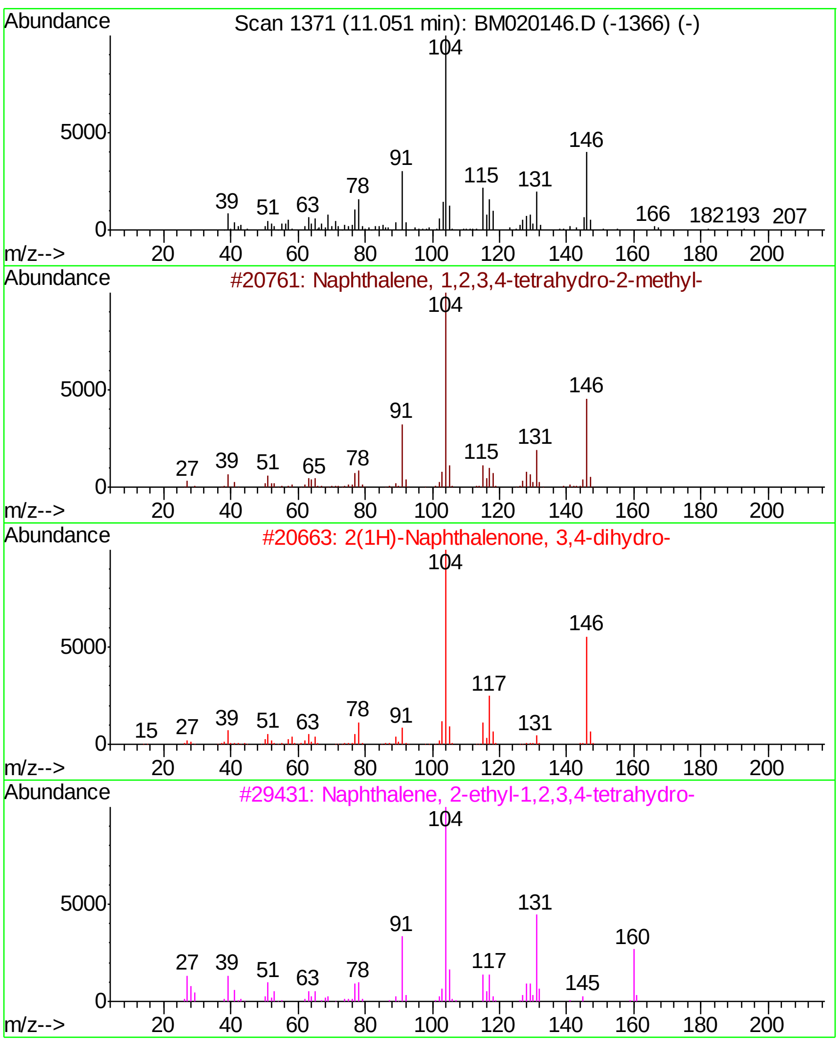
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

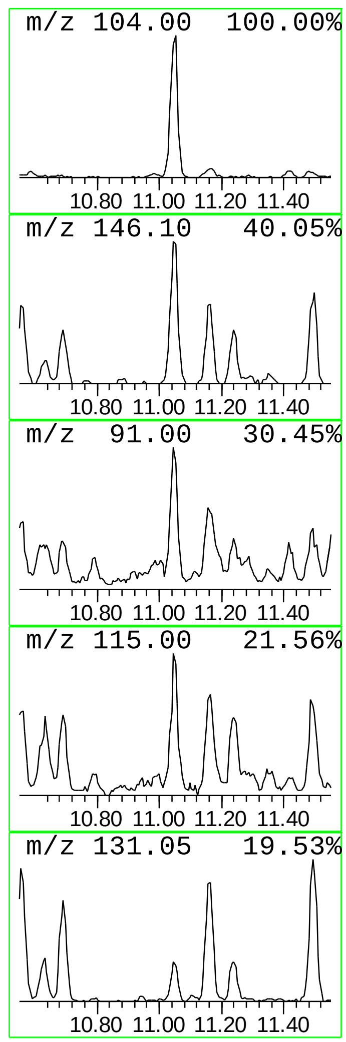
Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	7.91 ng	373254	Naphthalene-d8	10.59

Hit# of 5

Hit#	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	94
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	68
3	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	47
4	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	43
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020146.D
Acq On : 06 May 2019 21:26
Operator : JU/SJ
Sample : K2674-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SV28545L

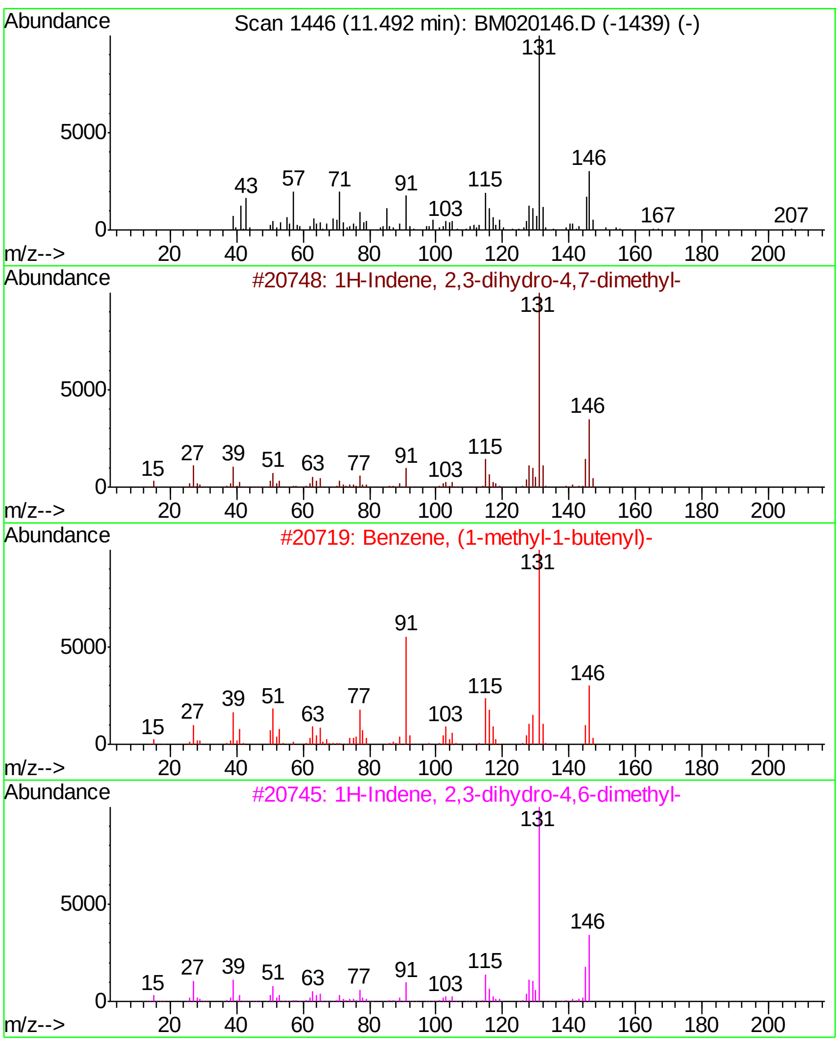
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

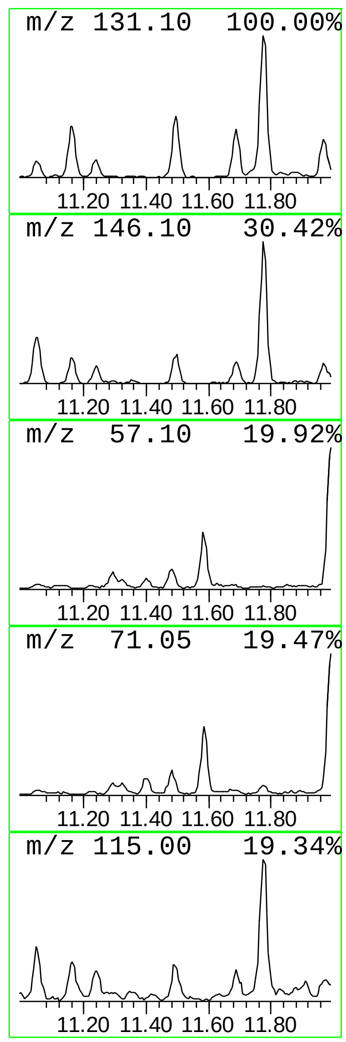
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	8.12 ng	382835	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	76
3	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	70
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	70
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70

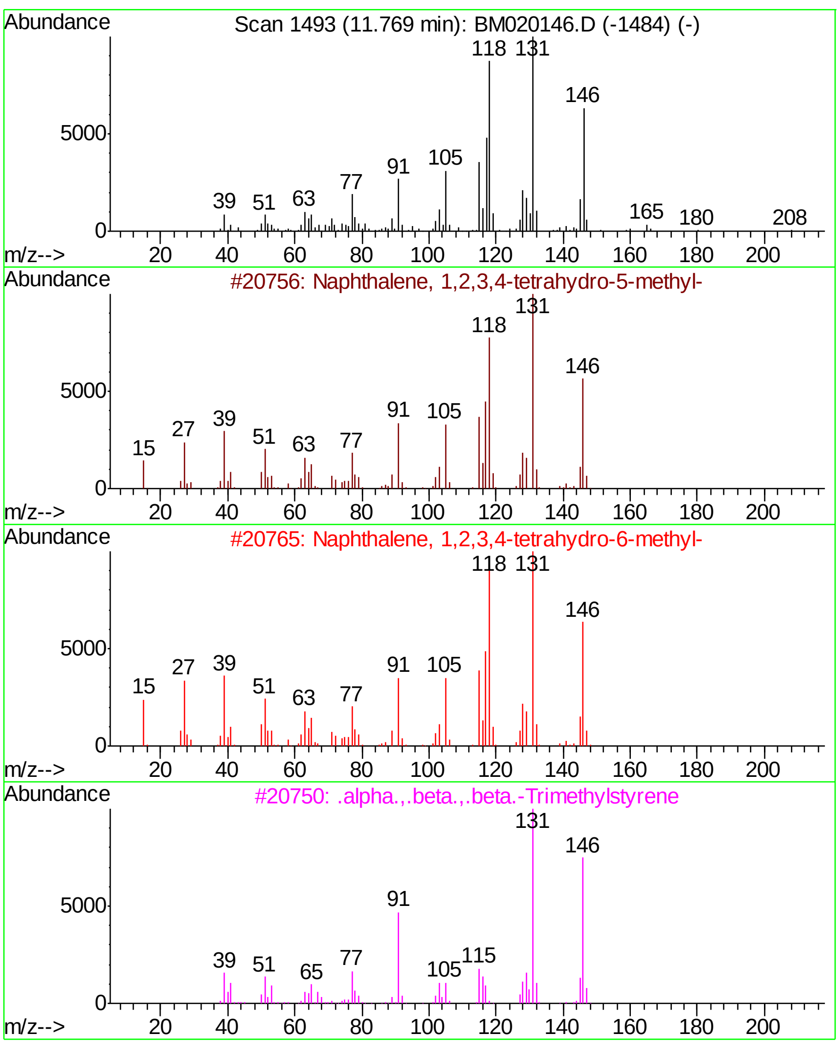


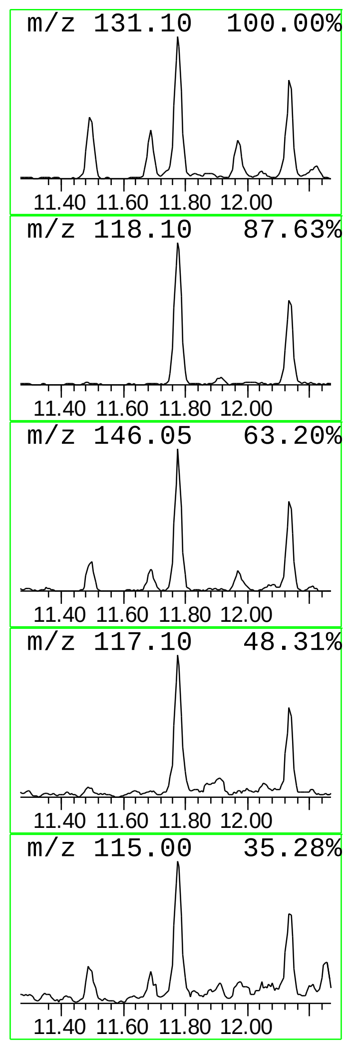


Library Search Compound Report

Instrument :
BNA_M
ClientSampleId :
SV28545L

```
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020146.D
Acq On    : 06 May 2019  21:26
Operator  : JU/SJ
Sample    : K2674-03
Misc      :
ALS Vial  : 17   Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library    : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

**********************************************************************
Peak Number  8  Naphthalene, 1,2,3,4-tetrah...  Concentration Rank  4

  R.T.   EstConc          Area       Relative to ISTD        R.T.
----------------------------------------------------------------------
 11.77   20.92 ng        986387    Naphthalene-d8            10.59

 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 96
 3 .alpha.,.beta.,.beta.-Trimethyls... 146 C11H14        000769-57-3 87
 4 Bicyclo[4.2.0]octa-1,3,5-triene,... 118 C9H10         022250-74-4 60
 5 1H-Indene,2,3-dihydro-2,2-dimethyl- 146 C11H14        020836-11-7 50
```





```
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020146.D
Acq On    : 06 May 2019  21:26
Operator  : JU/SJ
Sample    : K2674-03
Misc      :
ALS Vial  : 17   Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library   : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P
```

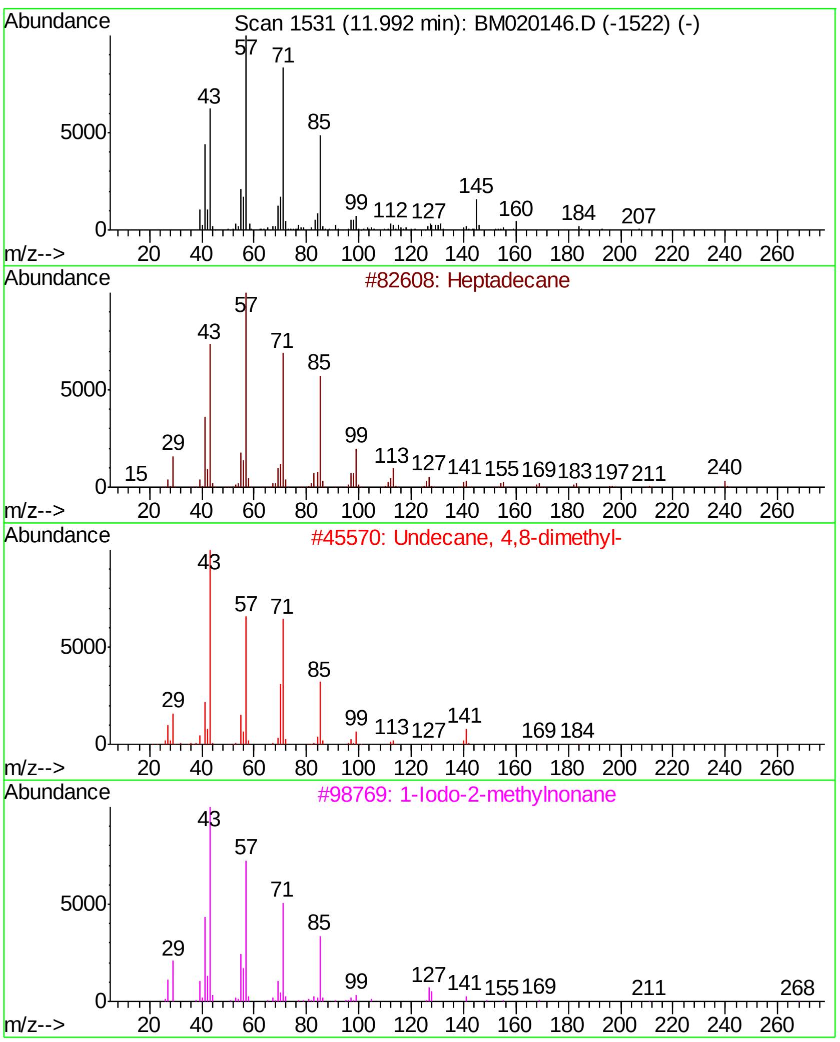
Instrument :
BNA_M
ClientSampleId :
SV28545L

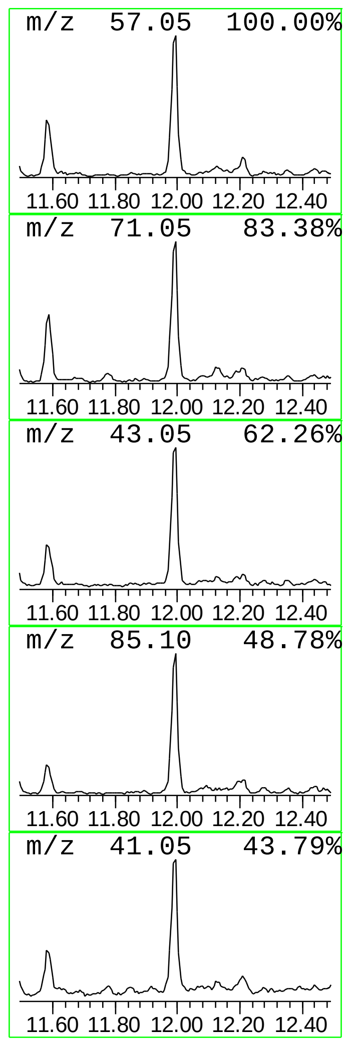
****

Peak Number 9 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	19.68 ng	928079	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	80
2	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	72
3	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	64
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	64
5	Tridecane	184	C13H28	000629-50-5	55





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020146.D
Acq On : 06 May 2019 21:26
Operator : JU/SJ
Sample : K2674-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SV28545L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

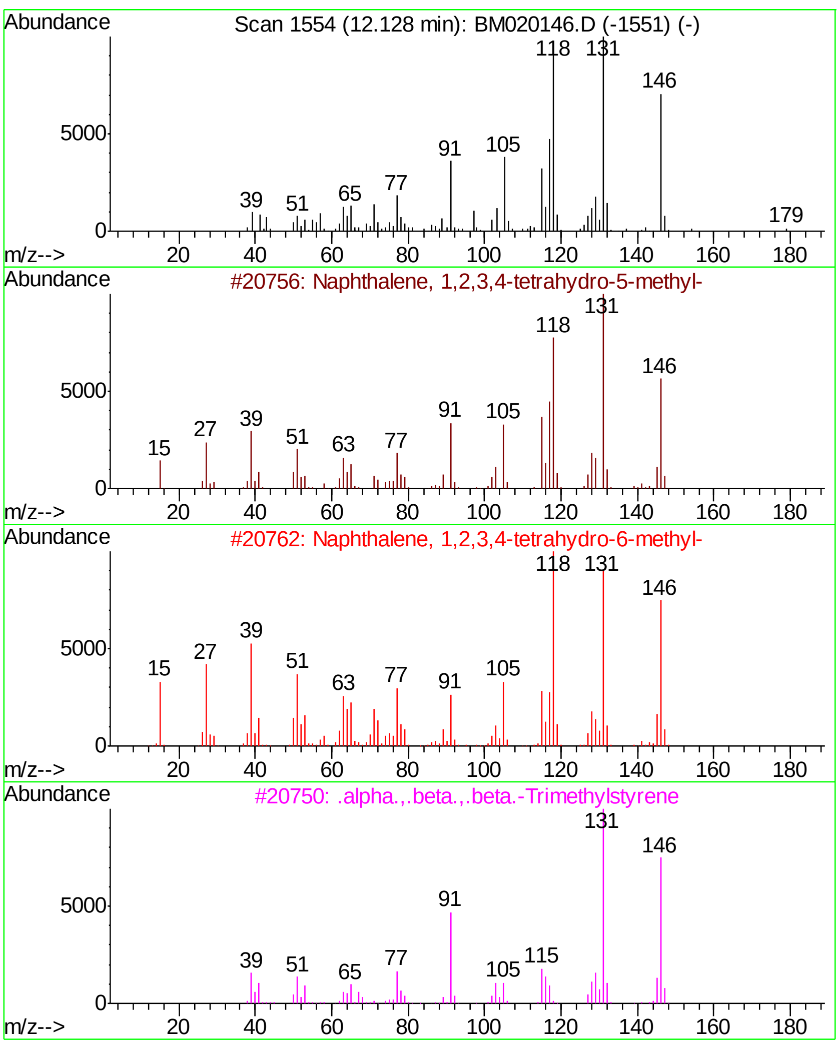
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

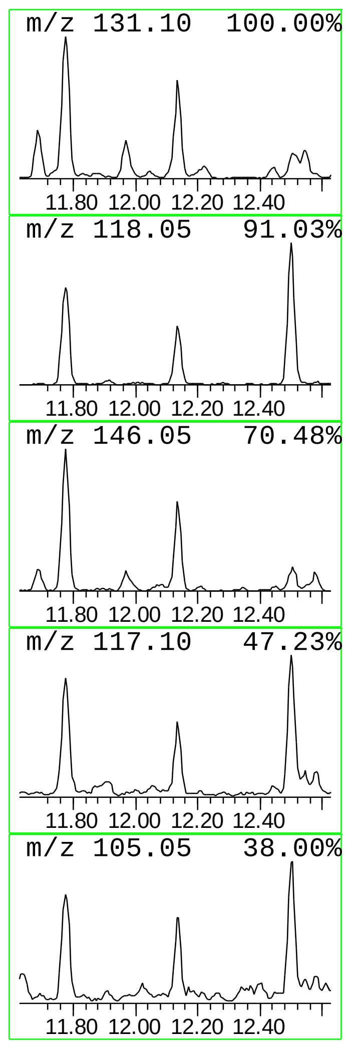
****

Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	10.84 ng	511098	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
3	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	87
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	58
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	55



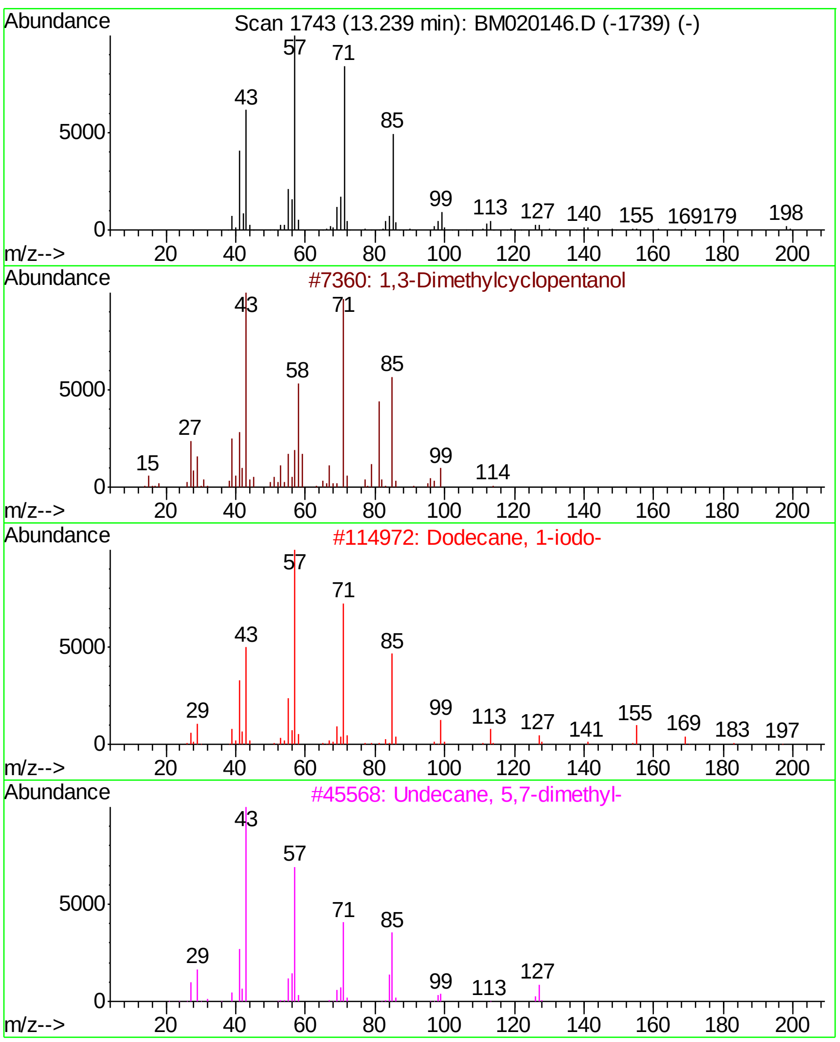


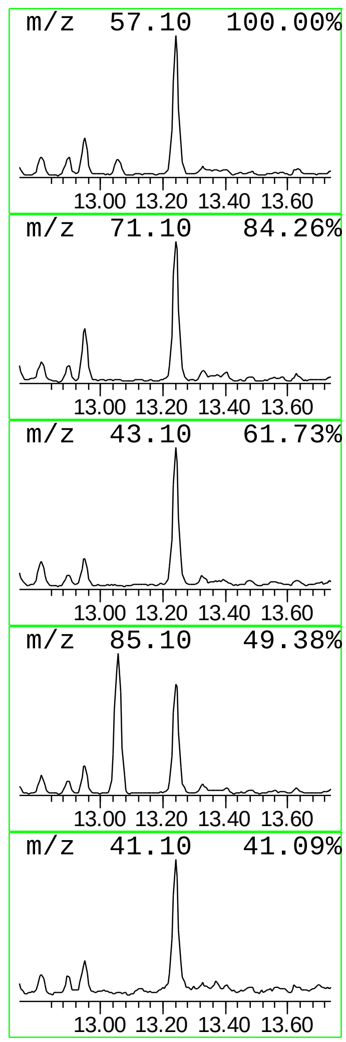
Instrument :
BNA_M
ClientSampleId :
SV28545L

```
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020146.D
Acq On    : 06 May 2019  21:26
Operator  : JU/SJ
Sample    : K2674-03
Misc      :
ALS Vial  : 17   Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library    : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

*********************************************************************
Peak Number 11  1,3-Dimethylcyclopentanol       Concentration Rank 13
```

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	11.55 ng	1125550	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	80
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	78
3	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	78
4	Decane, 3-methyl-	156	C11H24	013151-34-3	72
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020146.D
Acq On : 06 May 2019 21:26
Operator : JU/SJ
Sample : K2674-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SV28545L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

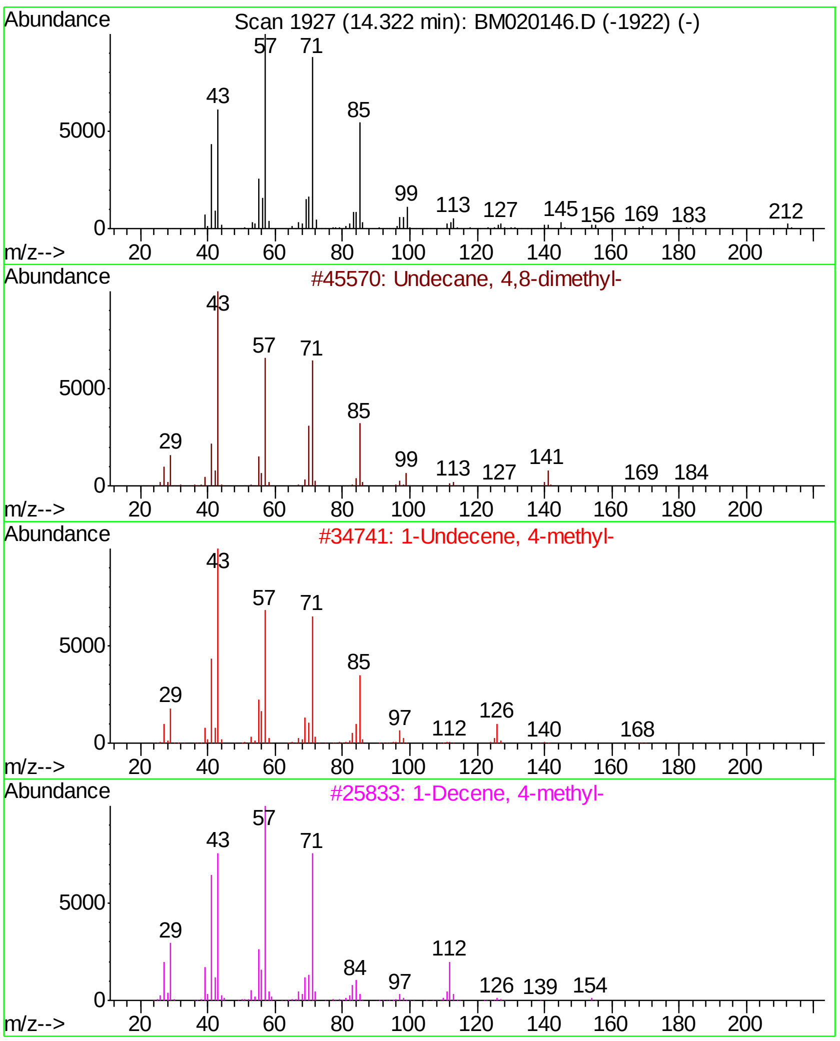
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

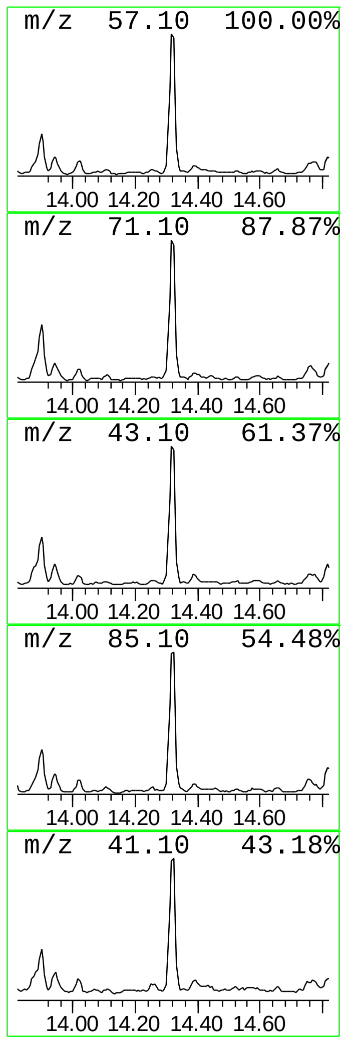
****

Peak Number 12 Undecane, 4,8-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	17.89 ng	1743180	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	78
2	1-Undecene, 4-methyl-	168	C12H24	074630-39-0	72
3	1-Decene, 4-methyl-	154	C11H22	013151-29-6	60
4	Nonadecane	268	C19H40	000629-92-5	52
5	Pentadecane	212	C15H32	000629-62-9	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020146.D
Acq On : 06 May 2019 21:26
Operator : JU/SJ
Sample : K2674-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SV28545L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

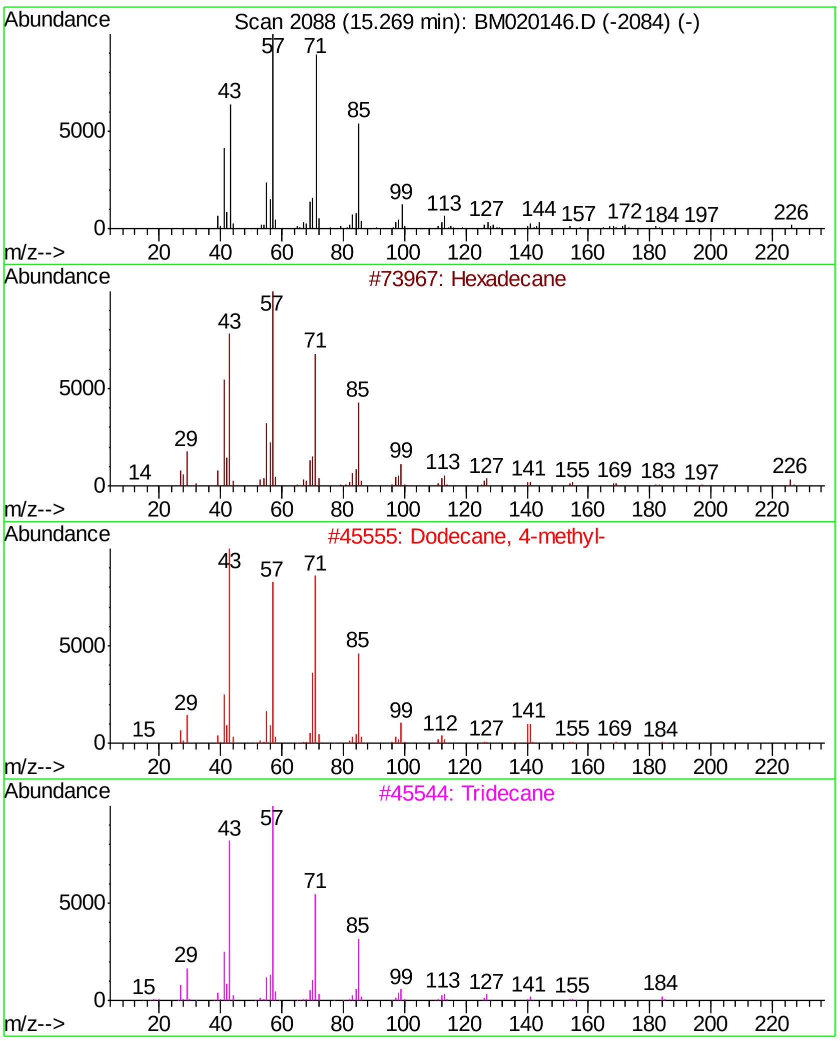
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

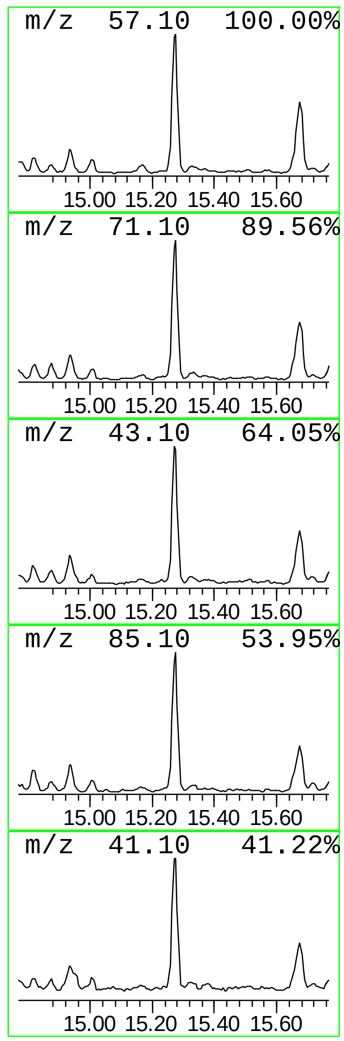
****

Peak Number 13 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	18.18 ng	1771630	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	89
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	80
3	Tridecane	184	C13H28	000629-50-5	72
4	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	64
5	Nonadecane	268	C19H40	000629-92-5	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020146.D
Acq On : 06 May 2019 21:26
Operator : JU/SJ
Sample : K2674-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SV28545L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

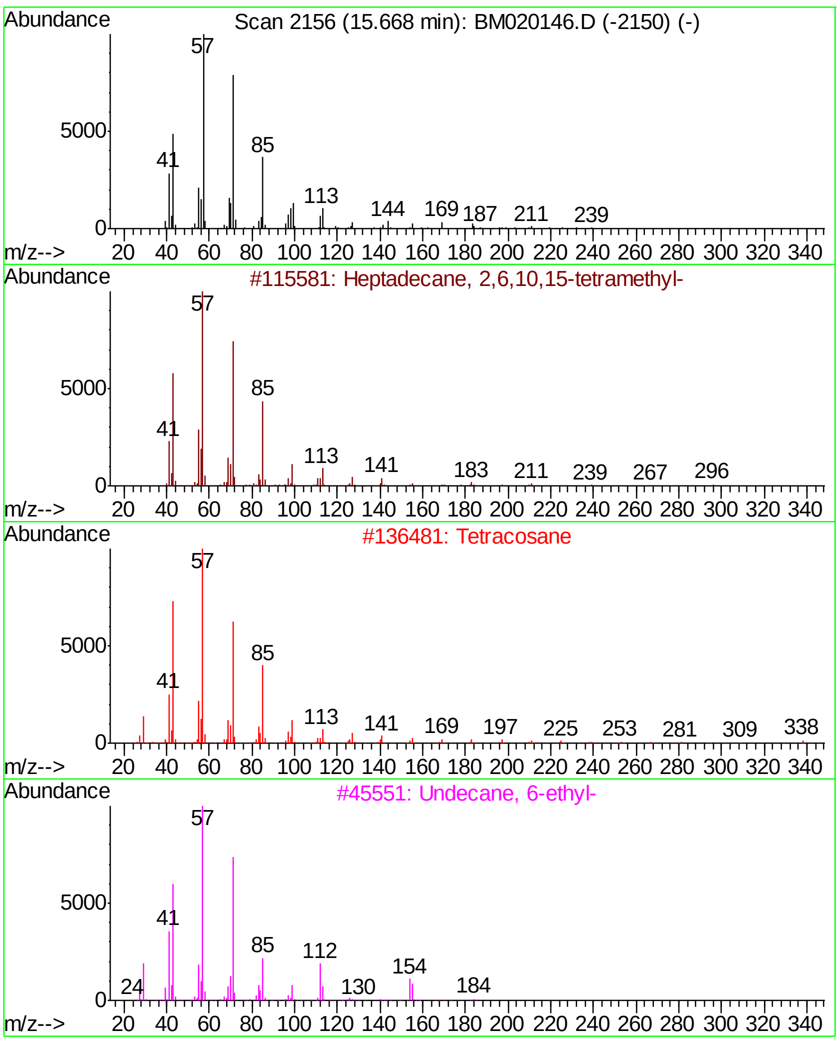
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

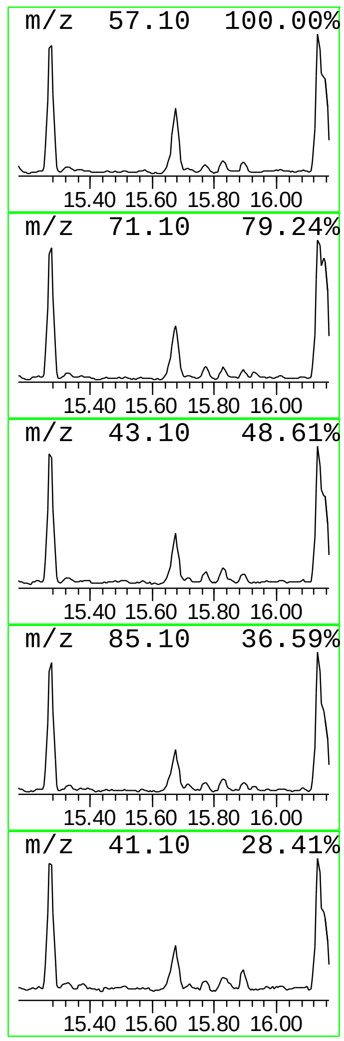
****

Peak Number 14 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	11.98 ng	1167020	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2	Tetracosane	338	C24H50	000646-31-1	86
3	Undecane, 6-ethyl-	184	C13H28	017312-60-6	81
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020146.D
Acq On : 06 May 2019 21:26
Operator : JU/SJ
Sample : K2674-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SV28545L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

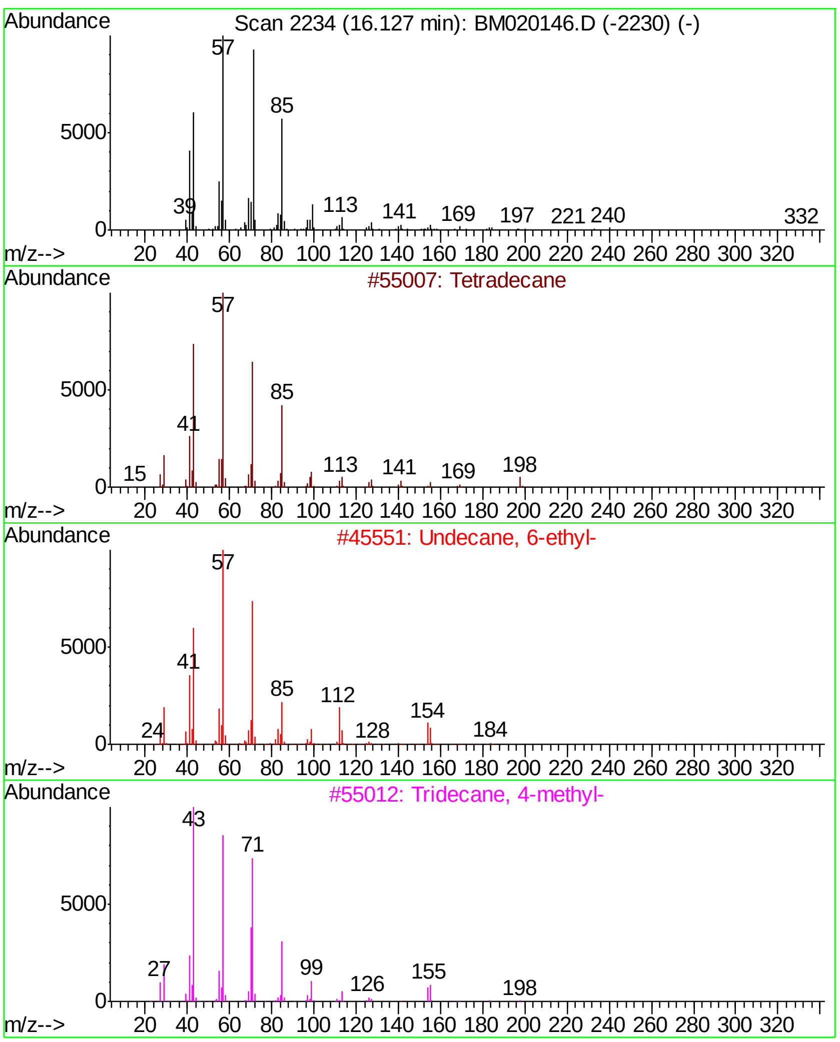
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

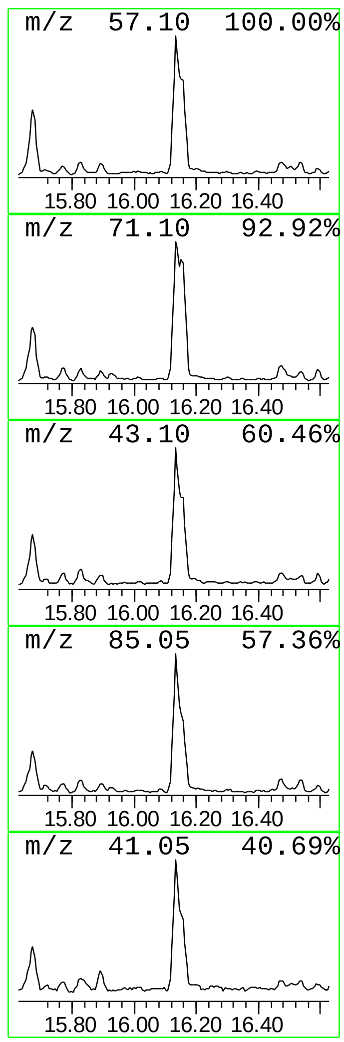
****

Peak Number 15 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	22.04 ng	1896770	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Undecane, 6-ethyl-	184	C13H28	017312-60-6	81
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	72
4	Heptacosane	380	C27H56	000593-49-7	72
5	Nonadecane	268	C19H40	000629-92-5	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020146.D
Acq On : 06 May 2019 21:26
Operator : JU/SJ
Sample : K2674-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SV28545L

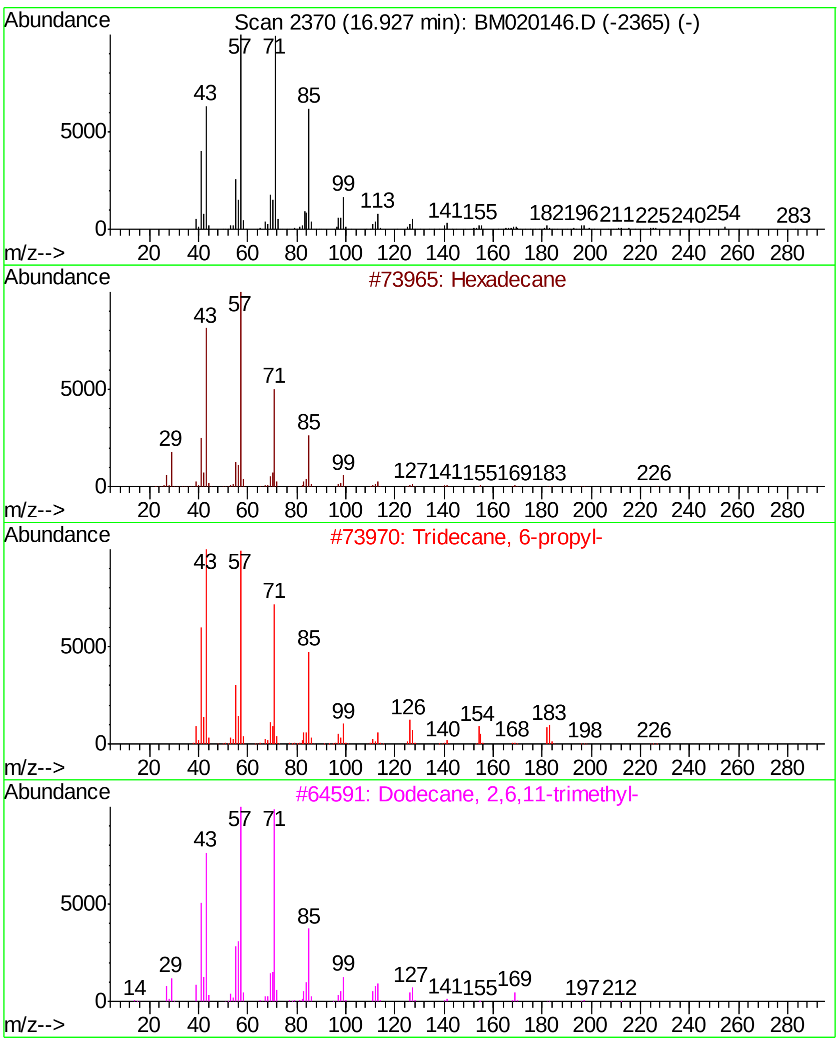
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

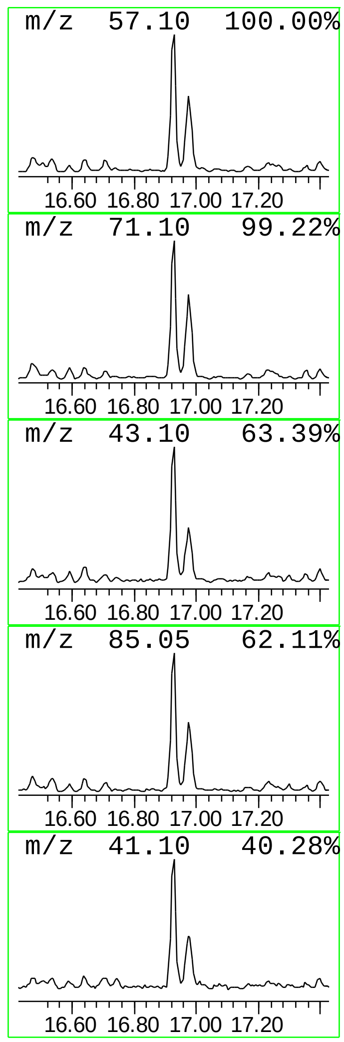
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Tridecane, 6-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	16.06 ng	1381590	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	80
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	74
4	Tetradecane	198	C14H30	000629-59-4	64
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020146.D
Acq On : 06 May 2019 21:26
Operator : JU/SJ
Sample : K2674-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SV28545L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

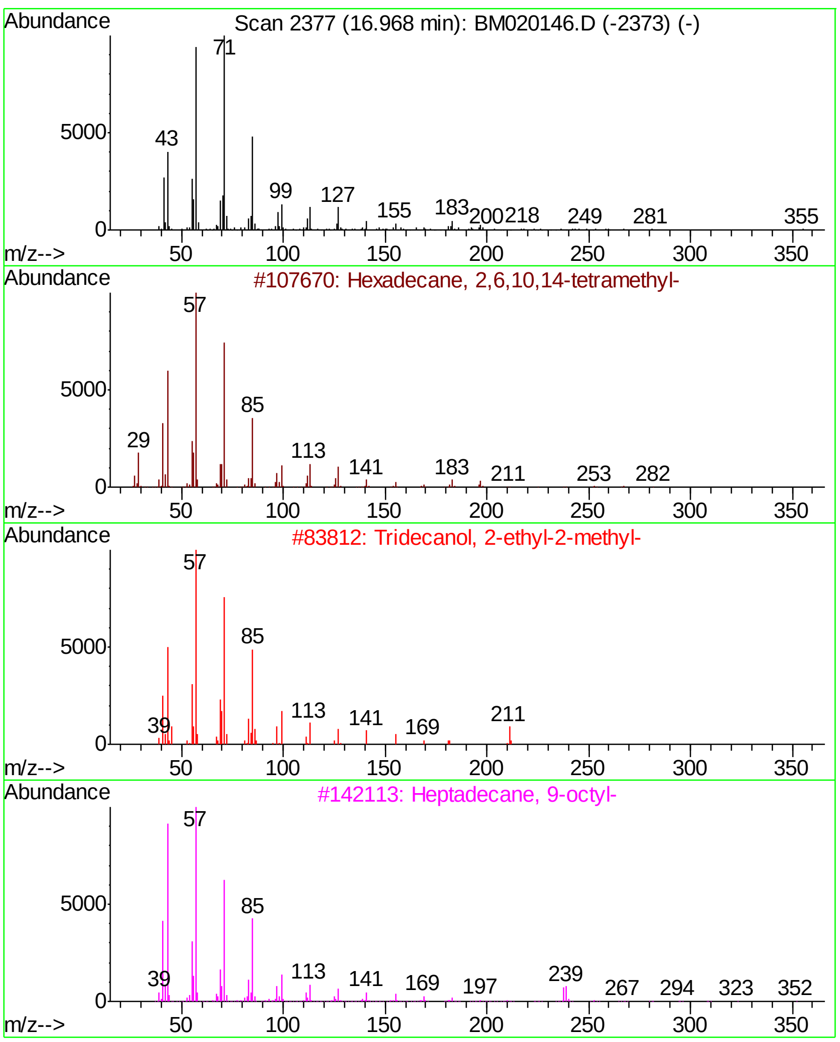
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

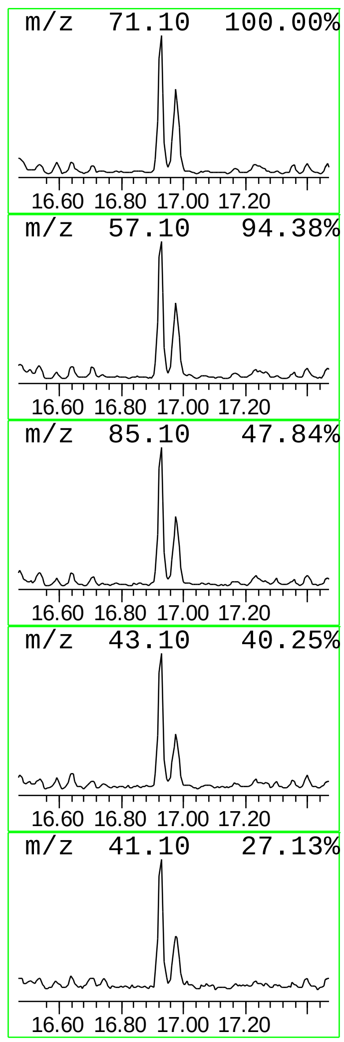
****

Peak Number 17 Hexadecane, 2,6,10,14-tetra... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	11.24 ng	967467	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
2	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80
4	Tetracosane	338	C24H50	000646-31-1	80
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020146.D
Acq On : 06 May 2019 21:26
Operator : JU/SJ
Sample : K2674-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SV28545L

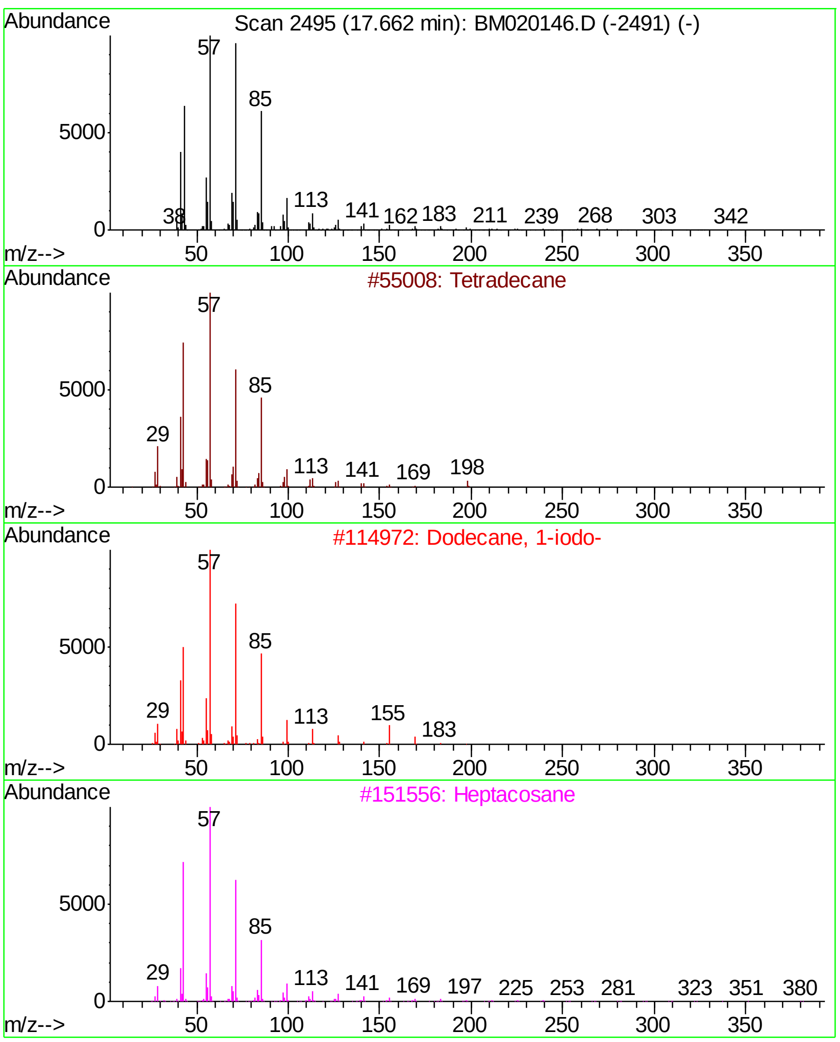
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

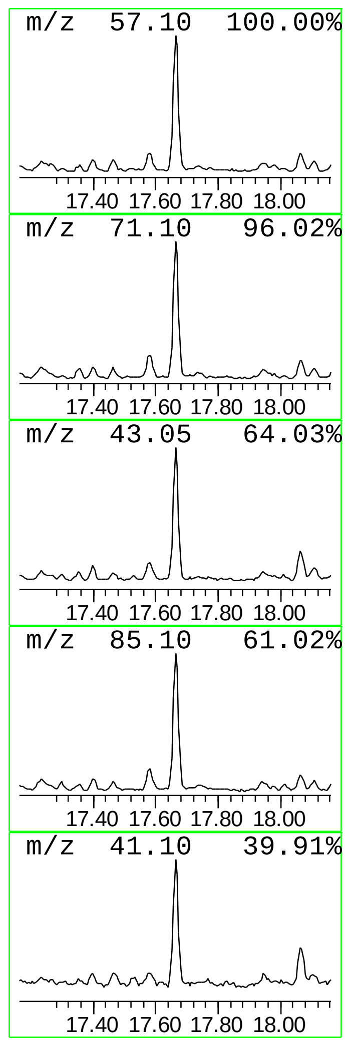
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Dodecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	15.03 ng	1293490	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3	Heptacosane	380	C27H56	000593-49-7	80
4	Octacosane	394	C28H58	000630-02-4	72
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020146.D
Acq On : 06 May 2019 21:26
Operator : JU/SJ
Sample : K2674-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SV28545L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

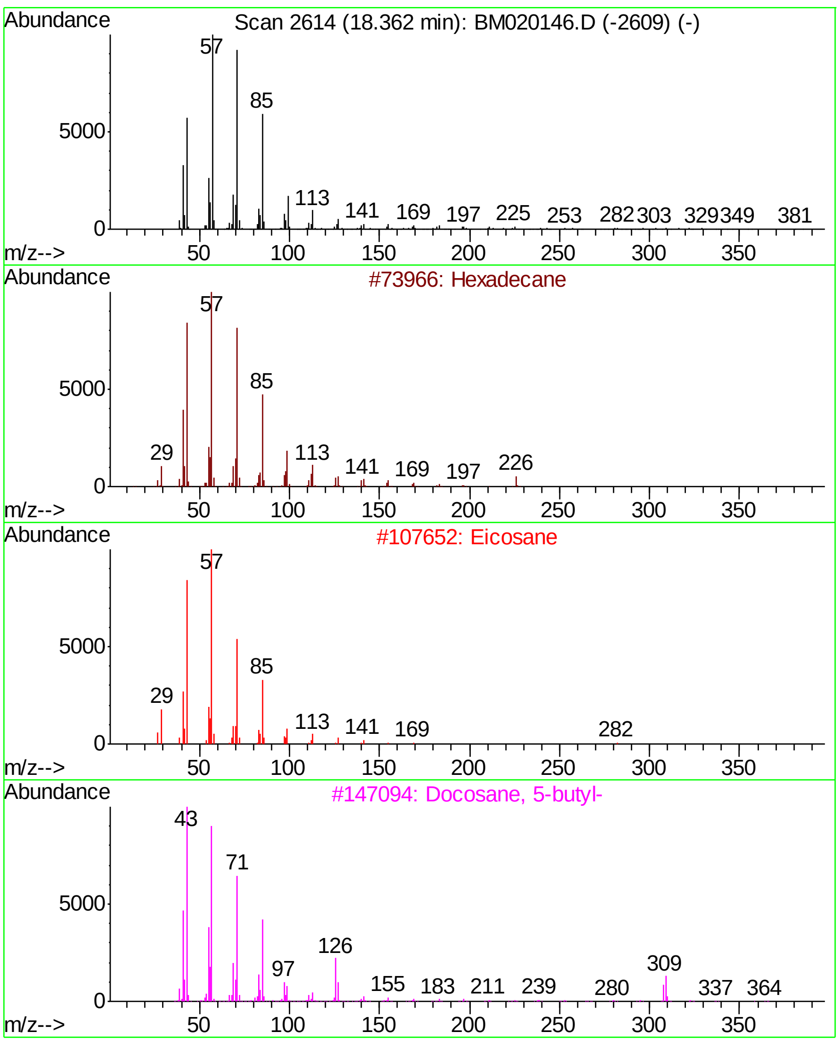
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

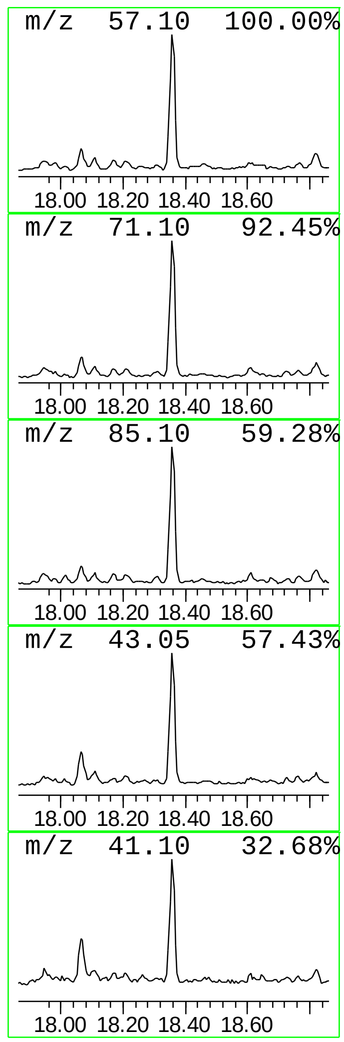
****

Peak Number 19 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	11.85 ng	1020000	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Eicosane	282	C20H42	000112-95-8	83
3	Docosane, 5-butyl-	366	C26H54	055282-16-1	72
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	68
5	10-Methylnonadecane	282	C20H42	056862-62-5	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020146.D
Acq On : 06 May 2019 21:26
Operator : JU/SJ
Sample : K2674-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SV28545L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

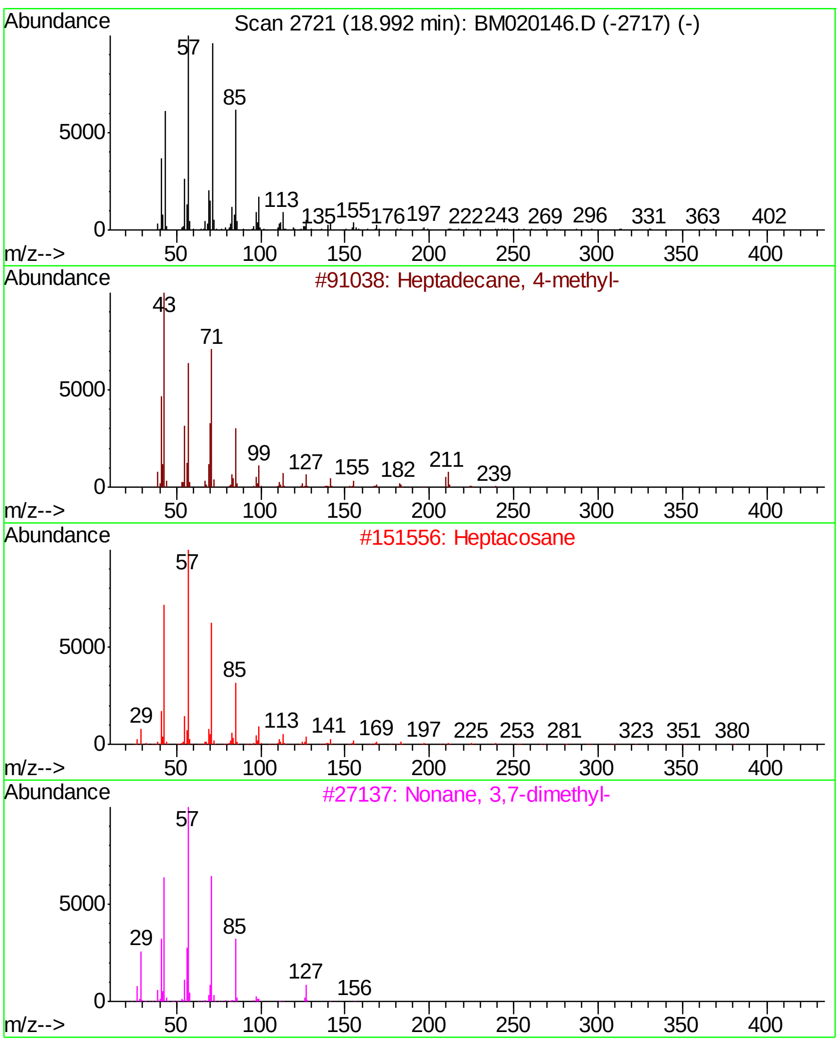
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

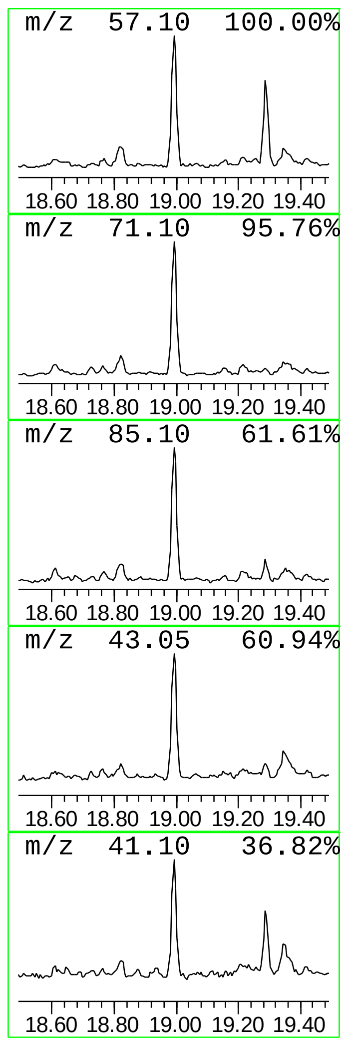
****

Peak Number 20 Heptadecane, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	9.47 ng	814853	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	83
2	Heptacosane	380	C27H56	000593-49-7	83
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	80
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050619\
Data File : BM020146.D
Acq On : 06 May 2019 21:26
Operator : JU/SJ
Sample : K2674-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SV28545L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.33	7.33	76.0	ng	3590600	1	7.79	945363	20.0
2-Pyrrolidinone, ...	8.07	12.2	ng	575106	1	7.79	945363	20.0
2,4-Dimethylstyrene	9.98	8.8	ng	416804	2	10.59	943199	20.0
Naphthalene, 1,2,...	10.22	7.6	ng	358914	2	10.59	943199	20.0
Naphthalene, 1,2,...	11.05	7.9	ng	373254	2	10.59	943199	20.0
1H-Indene, 2,3-di...	11.49	8.1	ng	382835	2	10.59	943199	20.0
Naphthalene, 1,2,...	11.77	20.9	ng	986387	2	10.59	943199	20.0
Heptadecane	11.99	19.7	ng	928079	2	10.59	943199	20.0
Naphthalene, 1,2,...	12.13	10.8	ng	511098	2	10.59	943199	20.0
1,3-Dimethylcyclo...	13.24	11.6	ng	1125550	3	14.44	1948590	20.0
Undecane, 4,8-dim...	14.32	17.9	ng	1743180	3	14.44	1948590	20.0
Hexadecane	15.27	18.2	ng	1771630	3	14.44	1948590	20.0
Heptadecane, 2,6,...	15.67	12.0	ng	1167020	3	14.44	1948590	20.0
Tetradecane	16.13	22.0	ng	1896770	4	17.19	1720850	20.0
Tridecane, 6-propyl-	16.93	16.1	ng	1381590	4	17.19	1720850	20.0
Hexadecane, 2,6,1...	16.97	11.2	ng	967467	4	17.19	1720850	20.0
Dodecane, 1-iodo-	17.66	15.0	ng	1293490	4	17.19	1720850	20.0
Eicosane	18.36	11.9	ng	1020000	4	17.19	1720850	20.0
Heptadecane, 4-me...	18.99	9.5	ng	814853	4	17.19	1720850	20.0