LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072020\
Data File : BP002800.D
Acq On : 20 Jul 2020 14:55
Operator : CG/JU
Sample : L3328-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DAY-5

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.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	4.704	303	309	318	rBV2	47718	78458	1.16%	0.205%
2	5.175	383	389	404	rBV	1021170	1598590	23.66%	4.171%
3	6.751	650	657	670	rBV	630550	1081594	16.01%	2.822%
4	7.545	786	792	802	rBV	538094	862643	12.77%	2.251%
5	8.651	967	980	982	rBV	80189	129088	1.91%	0.337%
6	8.692	982	987	1010	rVB	1412393	2603358	38.53%	6.792%
7	9.169	1064	1068	1079	rVB	88489	149662	2.22%	0.390%
8	9.534	1121	1130	1137	rBV3	48931	96277	1.42%	0.251%
9	9.734	1152	1164	1172	rBV2	170256	344793	5.10%	0.900%
10	10.322	1255	1264	1270	rBV	746717	1302208	19.27%	3.397%
11	10.381	1270	1274	1280	rVV3	75783	128758	1.91%	0.336%
12	10.445	1280	1285	1293	rVB	62741	106661	1.58%	0.278%
13	11.245	1412	1421	1429	rVB2	77079	177440	2.63%	0.463%
14	11.433	1447	1453	1460	rVB2	63417	107320	1.59%	0.280%
15	11.881	1524	1529	1535	rVB3	54599	104279	1.54%	0.272%
16	11.963	1536	1543	1548	rBV3	35138	74070	1.10%	0.193%
17	12.216	1580	1586	1592	rVB	461748	718088	10.63%	1.873%
18	12.816	1681	1688	1702	rVB	2964668	4533944	67.10%	11.829%
19	13.245	1754	1761	1771	rVB	62806	159801	2.37%	0.417%
20	13.363	1775	1781	1782	rBV	238545	356376	5.27%	0.930%
21	13.516	1801	1807	1813	rBV	465065	814859	12.06%	2.126%
22	13.575	1813	1817	1825	rVB2	75548	137552	2.04%	0.359%
23	13.663	1826	1832	1843	rBV	339069	494172	7.31%	1.289%
24	13.757	1843	1848	1851	rBV	197378	295339	4.37%	0.771%
25	13.786	1851	1853	1858	rVB	101577	140316	2.08%	0.366%
26	13.927	1872	1877	1883	rVB	104054	158385	2.34%	0.413%
27	14.204	1917	1924	1931	rBV	1080929	1693975	25.07%	4.420%
28	14.427	1956	1962	1970	rBV4	33199	94547	1.40%	0.247%
29	14.616	1989	1994	2000	rVB2	77493	131191	1.94%	0.342%
30	14.692	2000	2007	2013	rBV	74882	132284	1.96%	0.345%
31	14.833	2026	2031	2036	rVB	71656	120558	1.78%	0.315%
32	15.039	2063	2066	2070	rVB3	55259	73724	1.09%	0.192%
33	15.257	2098	2103	2108	rVB2	121270	170353	2.52%	0.444%
34	15.704	2173	2179	2191	rBV	2482079	3849411	56.97%	10.043%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072020\
Data File : BP002800.D
Acq On : 20 Jul 2020 14:55
Operator : CG/JU
Sample : L3328-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DAY-5

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.963	2387	2393	2398	rBV	1272013	1807145	26.75%	4.715%
36	17.892	2547	2551	2557	rBV	87625	145977	2.16%	0.381%
37	19.557	2828	2834	2842	rBV	5016152	6756543	100.00%	17.628%
38	20.809	3043	3047	3057	rBV	330116	453985	6.72%	1.184%
39	21.004	3077	3080	3087	rBV	126306	132049	1.95%	0.345%
40	21.074	3087	3092	3102	rBV	1613636	2041373	30.21%	5.326%
41	21.245	3118	3121	3125	rVB	142027	155871	2.31%	0.407%
42	21.668	3190	3193	3199	rBV	235465	283264	4.19%	0.739%
43	22.121	3267	3270	3276	rVB	324395	382958	5.67%	0.999%
44	22.621	3351	3355	3361	rVB	333719	449269	6.65%	1.172%
45	23.180	3445	3450	3456	rVB	295779	476547	7.05%	1.243%
46	23.262	3458	3464	3474	rVB2	1017649	1849682	27.38%	4.826%
47	23.815	3553	3558	3565	rVB	205962	374287	5.54%	0.977%

Sum of corrected areas: 38329024

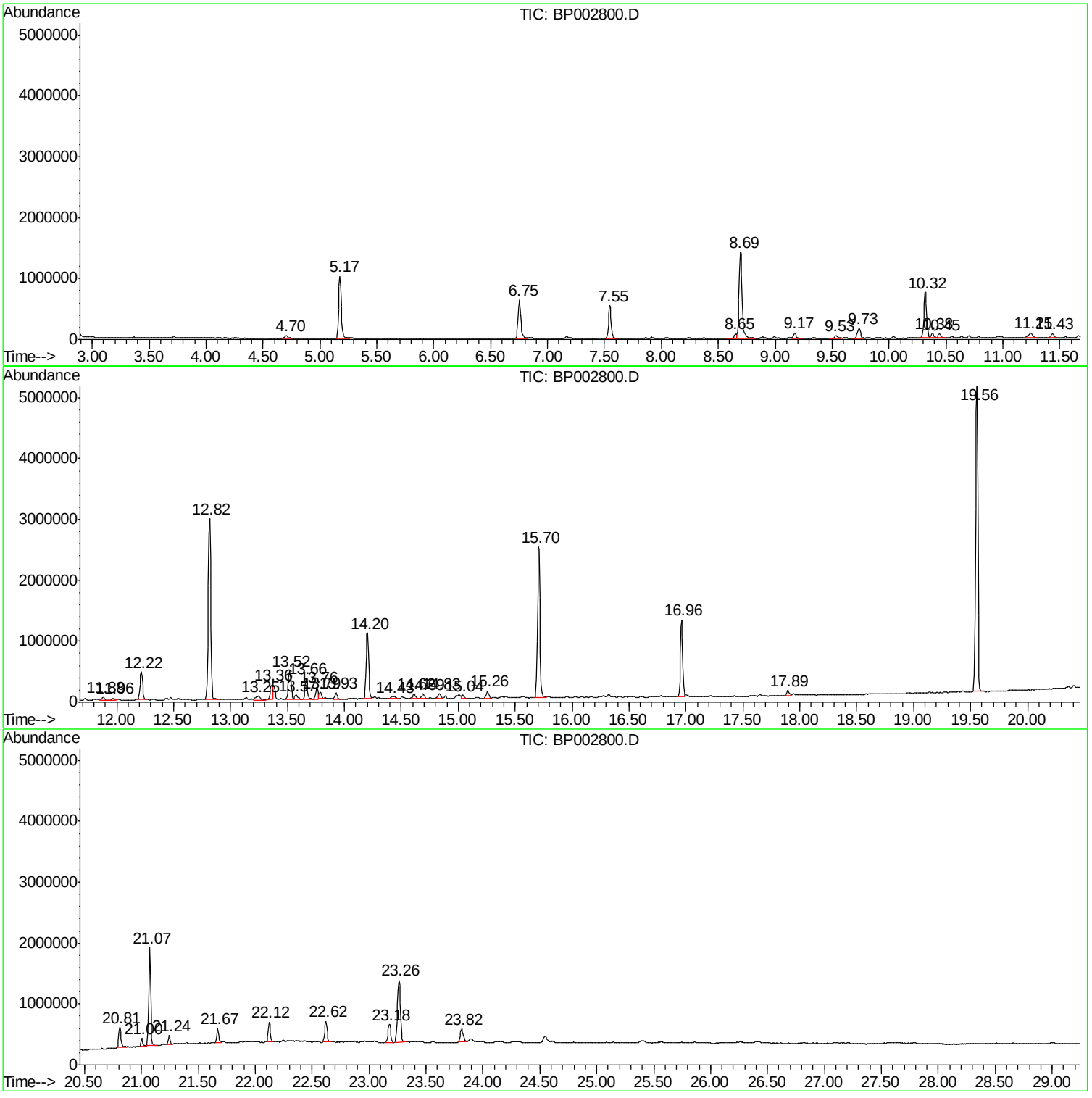
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072020\
Data File : BP002800.D
Acq On : 20 Jul 2020 14:55
Operator : CG/JU
Sample : L3328-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DAY-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072020\
Data File : BP002800.D
Acq On : 20 Jul 2020 14:55
Operator : CG/JU
Sample : L3328-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DAY-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

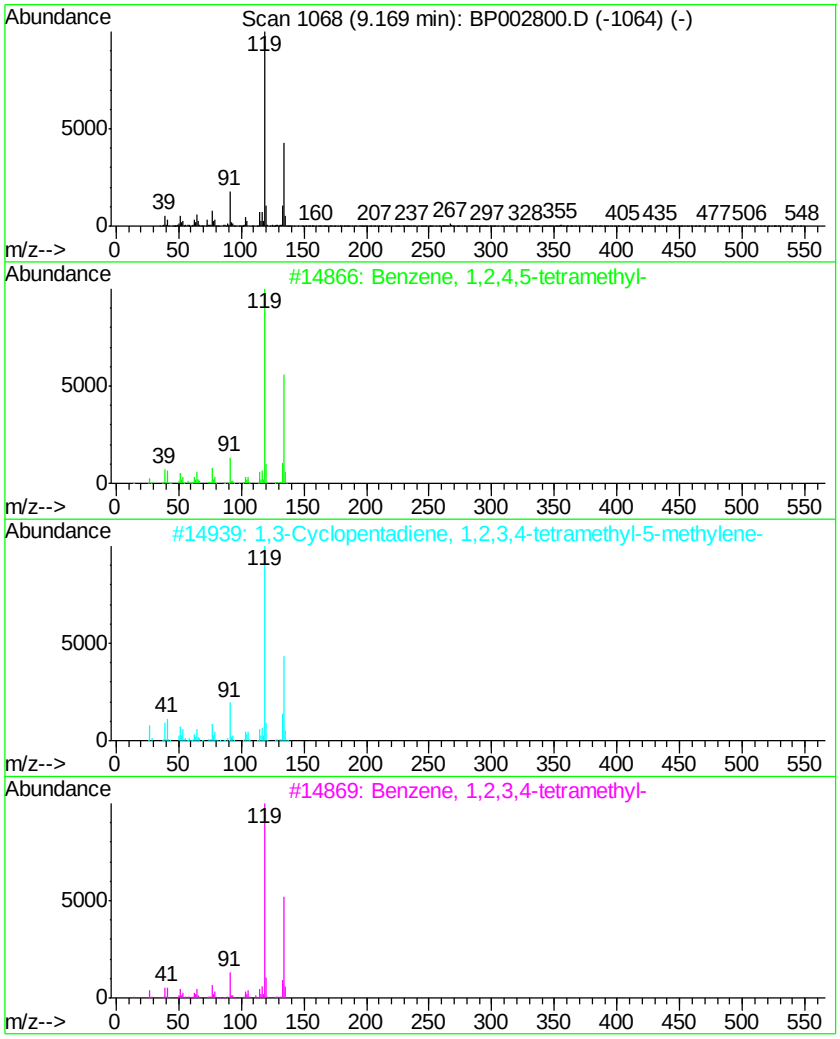
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

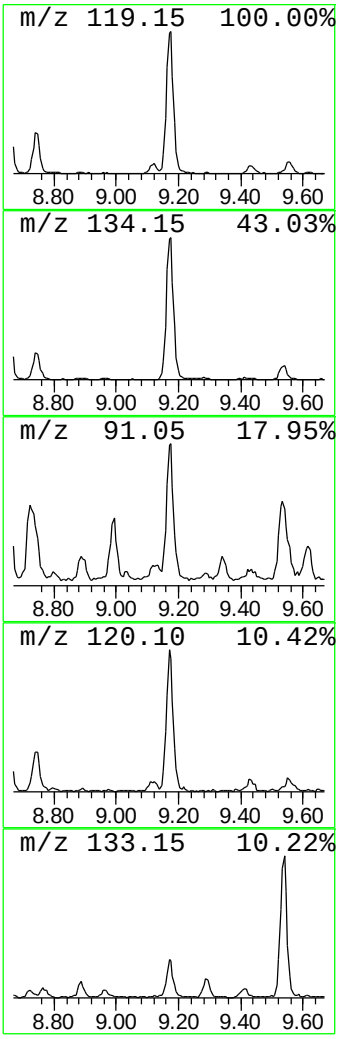
****

Peak Number 1 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	2.30 ng	149662	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072020\
Data File : BP002800.D
Acq On : 20 Jul 2020 14:55
Operator : CG/JU
Sample : L3328-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DAY-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

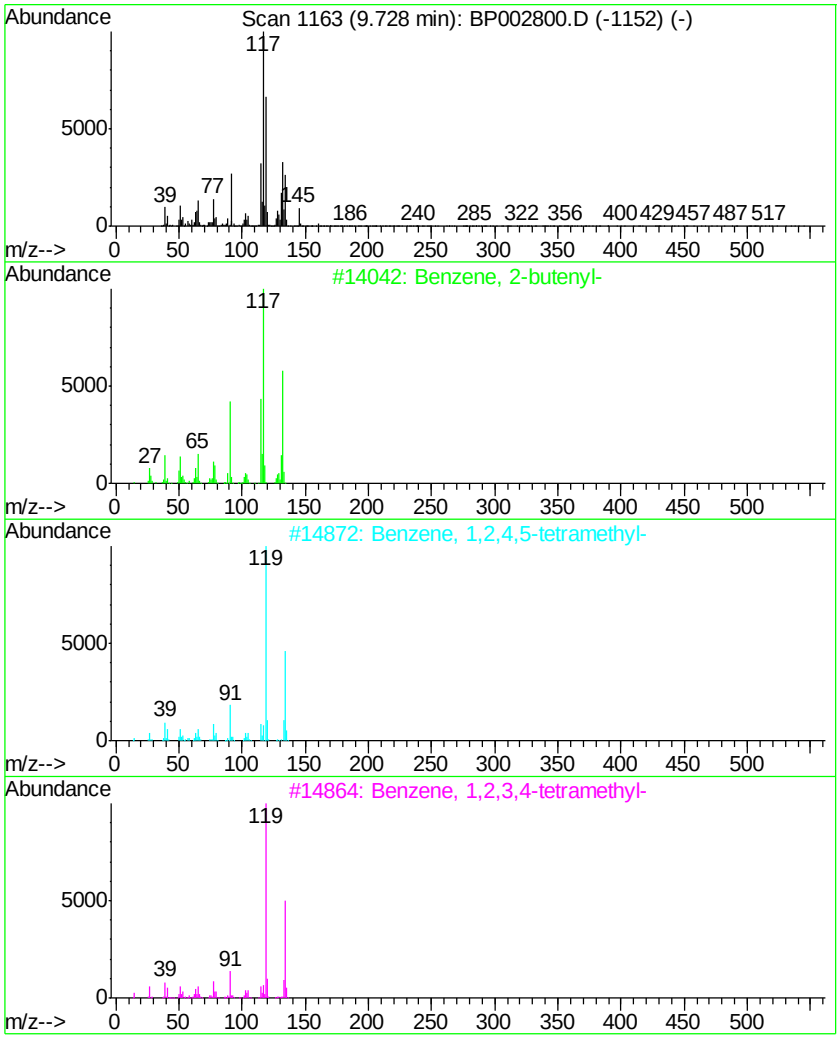
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

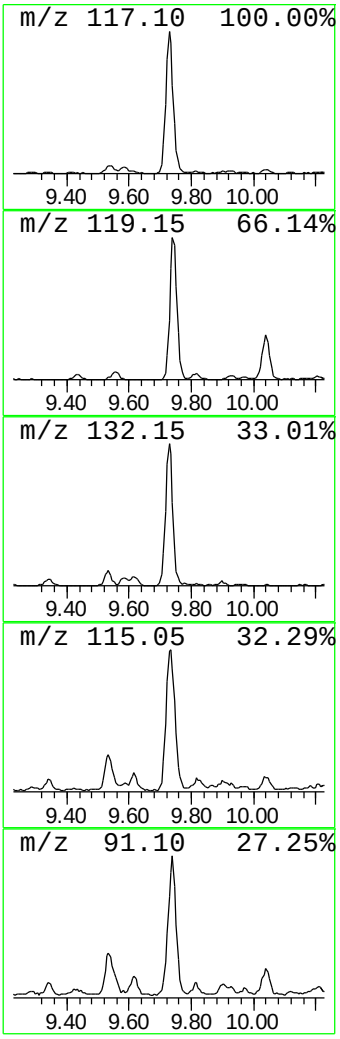
****

Peak Number 2 Benzene, 2-butenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	5.30 ng	344793	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	80
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	60
4	o-Cymene	134	C10H14	000527-84-4	60
5	p-Cymene	134	C10H14	000099-87-6	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072020\
Data File : BP002800.D
Acq On : 20 Jul 2020 14:55
Operator : CG/JU
Sample : L3328-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DAY-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

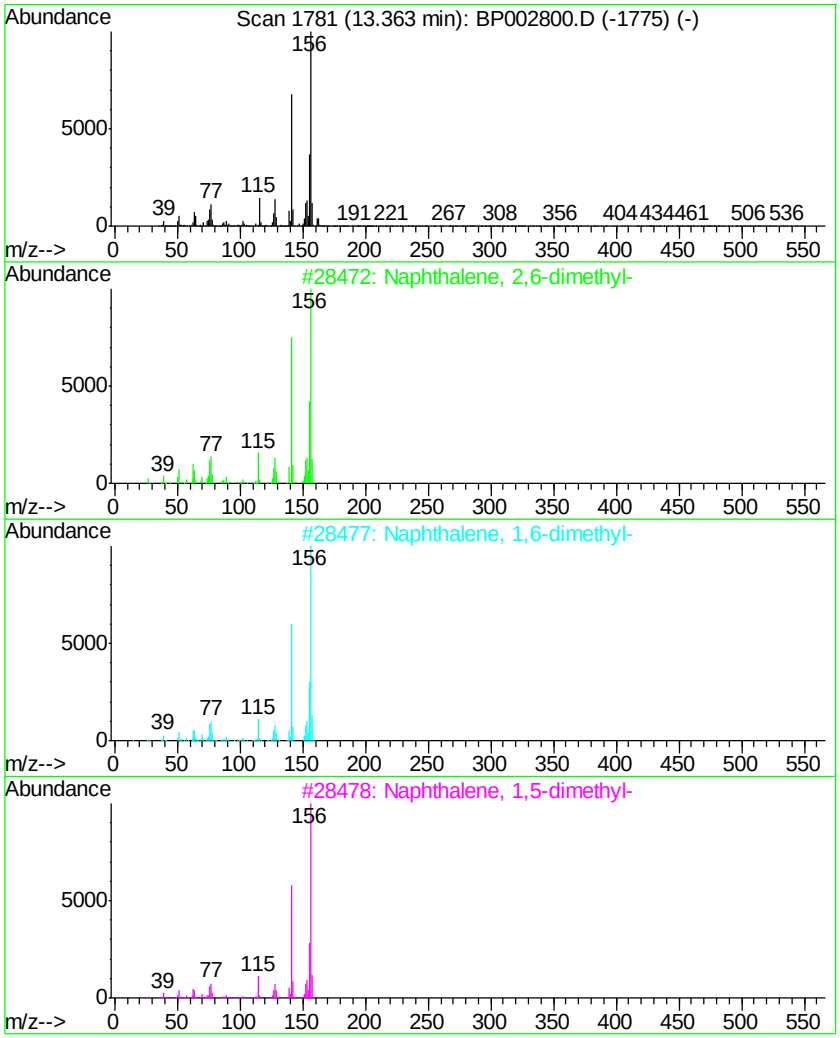
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

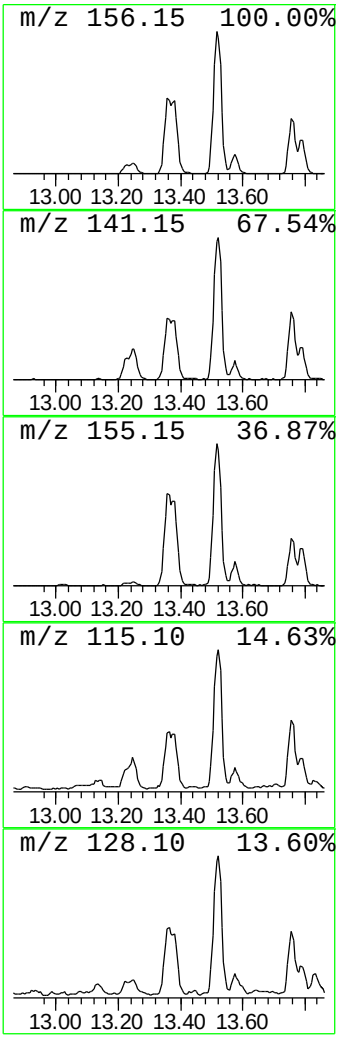
****

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	4.21 ng	356376	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072020\
Data File : BP002800.D
Acq On : 20 Jul 2020 14:55
Operator : CG/JU
Sample : L3328-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DAY-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

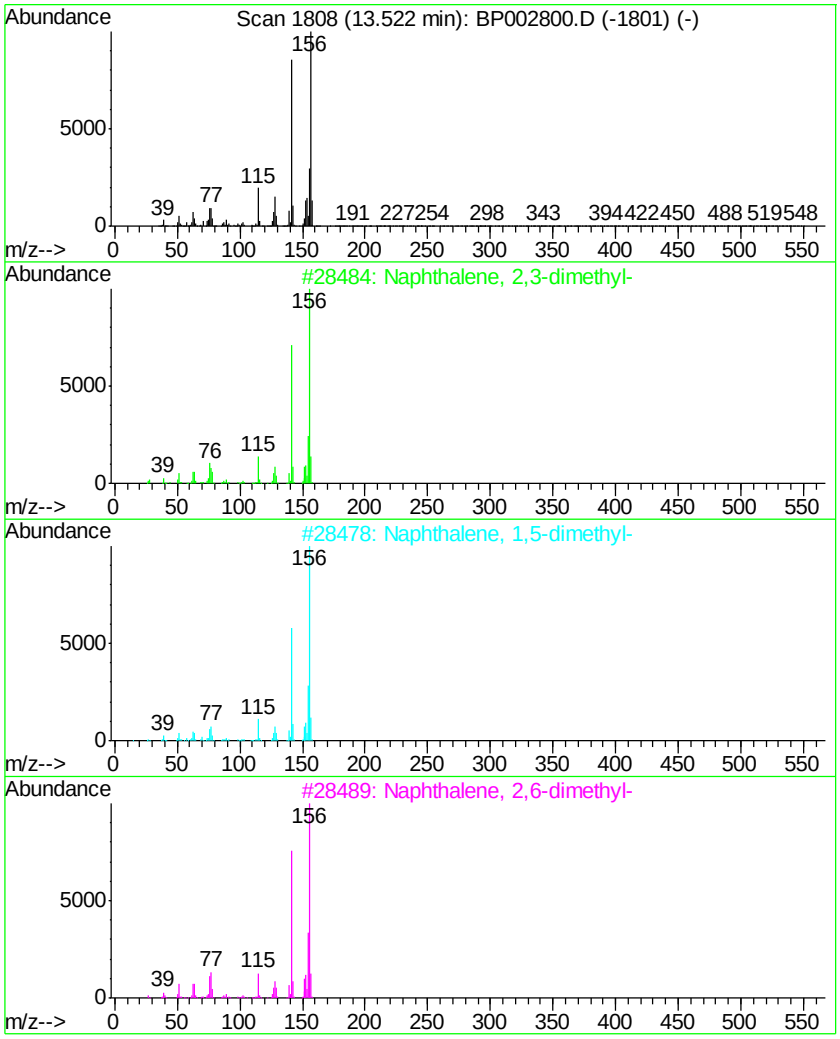
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

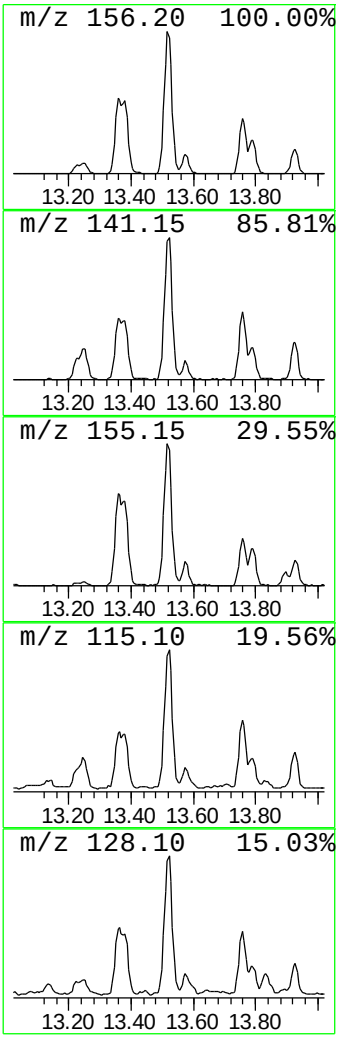
****

Peak Number 4 Naphthalene, 1,5-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	9.62 ng	814859	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	97





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072020\
Data File : BP002800.D
Acq On : 20 Jul 2020 14:55
Operator : CG/JU
Sample : L3328-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DAY-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

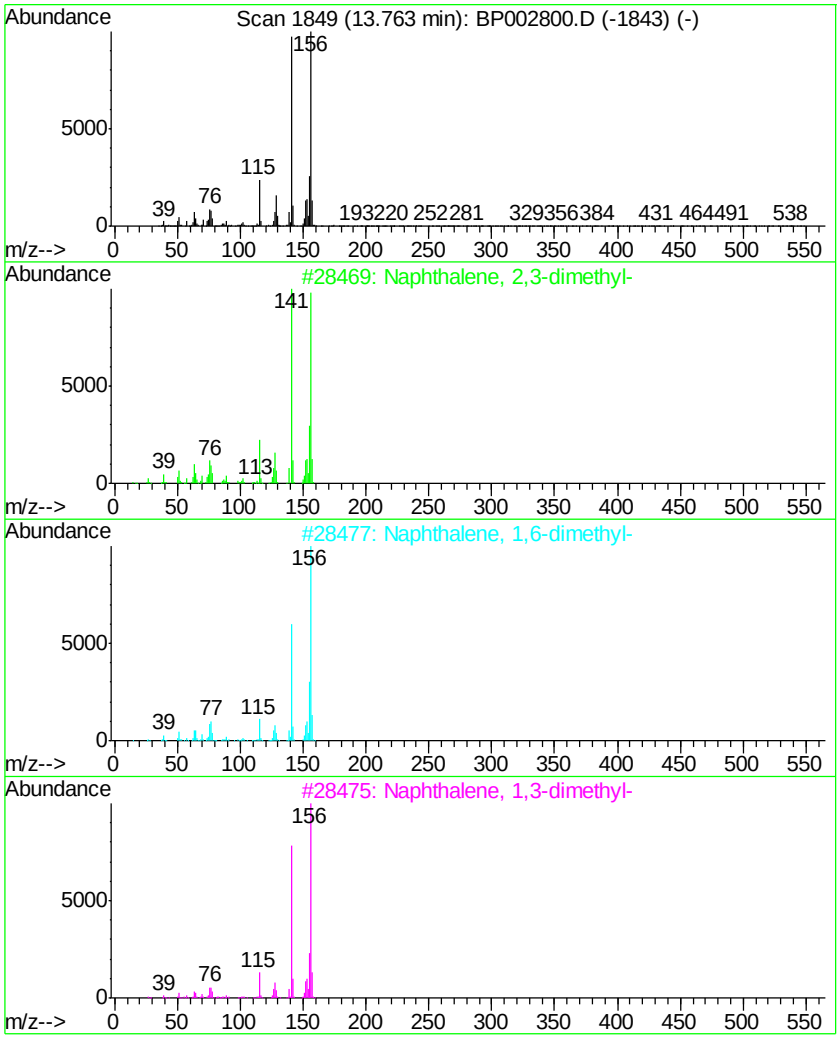
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

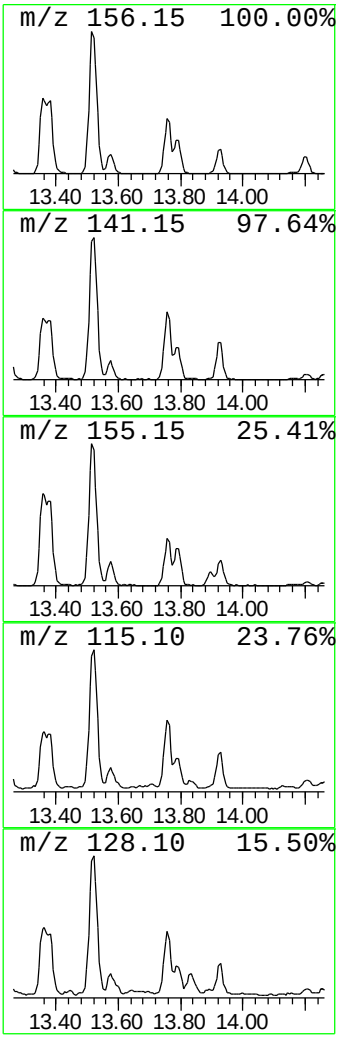
****

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	3.49 ng	295339	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





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Instrument : BNA_P
ClientSampleId : DAY-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

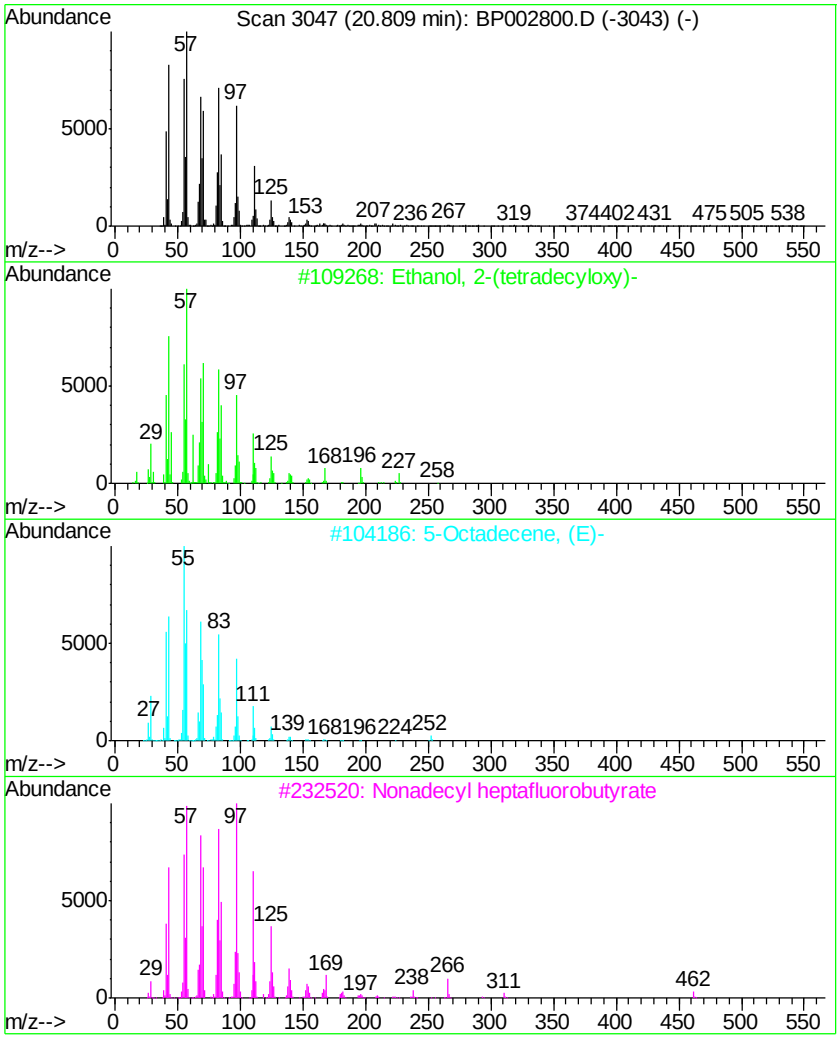
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

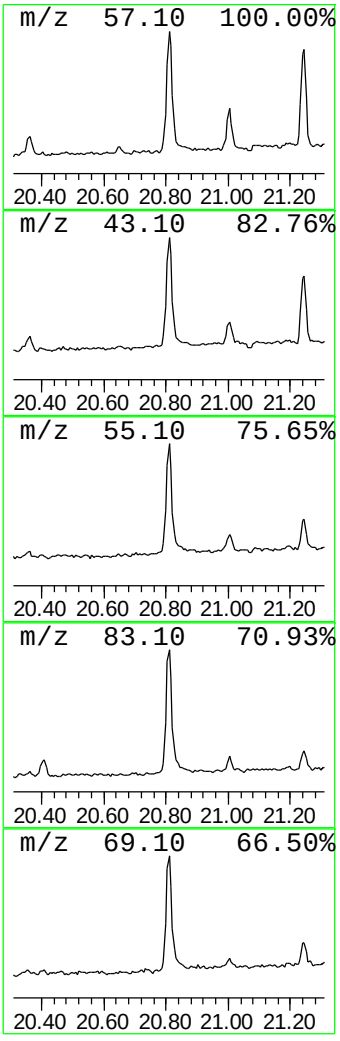
****

Peak Number 7 Ethanol, 2-(tetradecyloxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.81	4.45 ng	453985	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	95
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
3	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	91
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072020\
Data File : BP002800.D
Acq On : 20 Jul 2020 14:55
Operator : CG/JU
Sample : L3328-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DAY-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.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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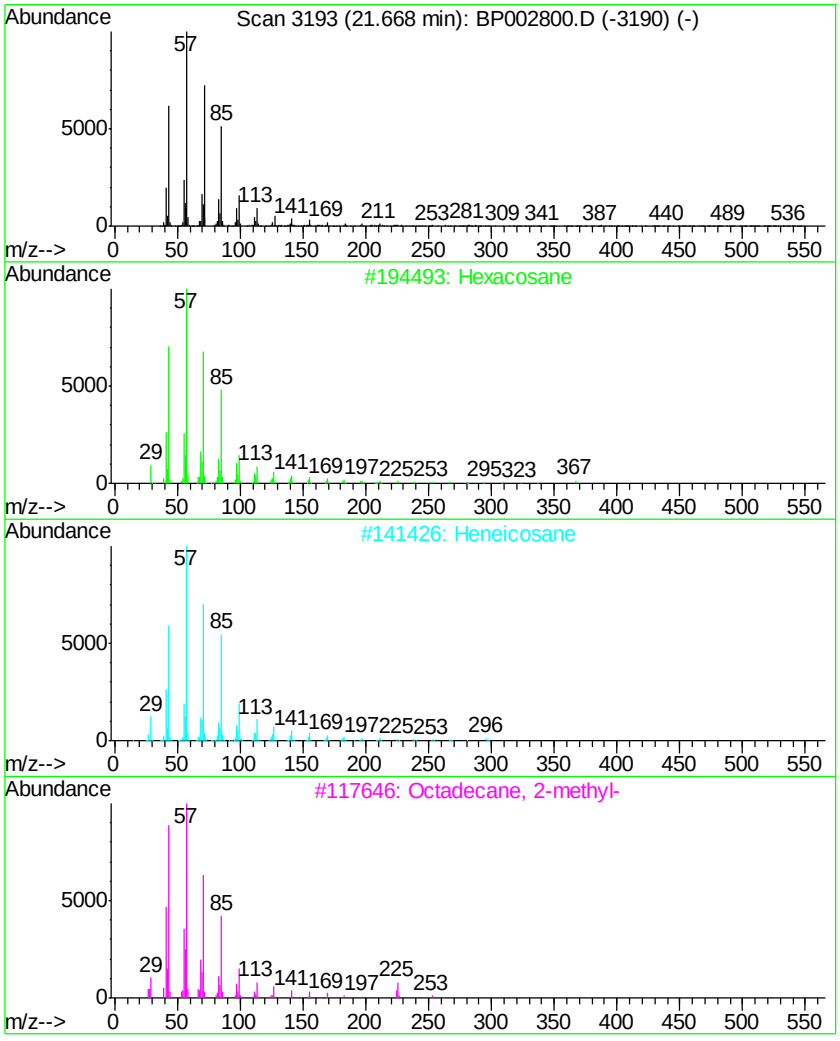
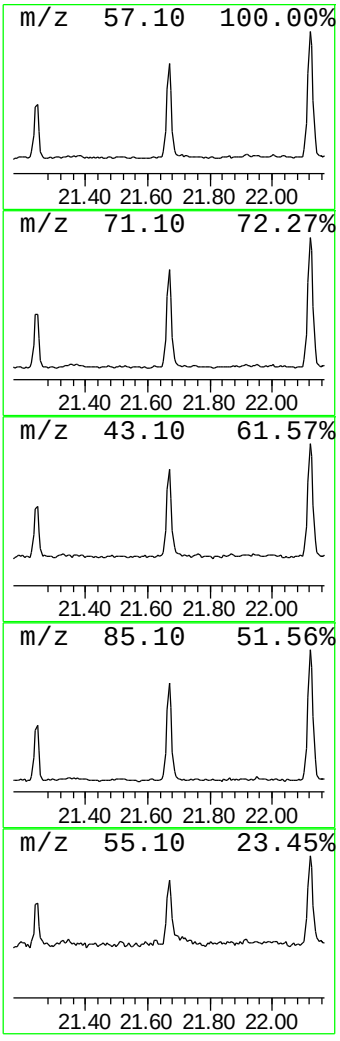
Peak Number 8 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.67	2.78 ng	283264	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	86
5	Tetratetracontane	619	C44H90	007098-22-8	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072020\
Data File : BP002800.D
Acq On : 20 Jul 2020 14:55
Operator : CG/JU
Sample : L3328-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DAY-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.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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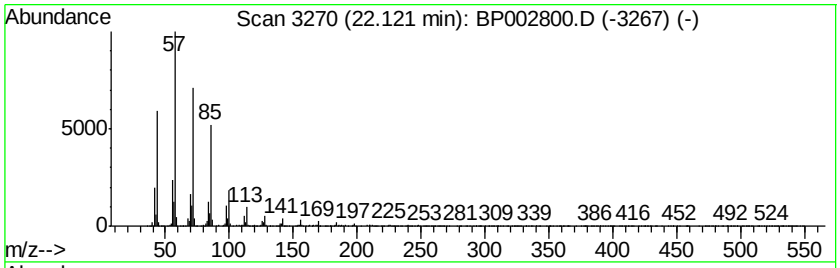
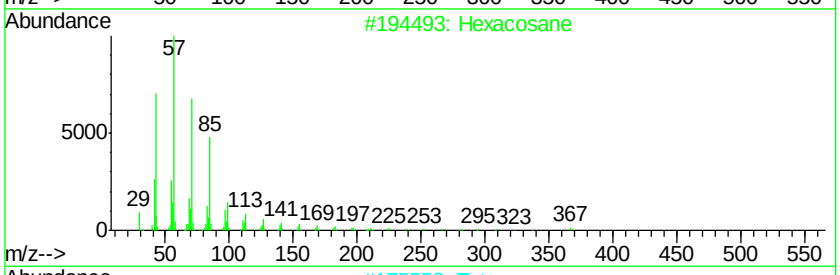
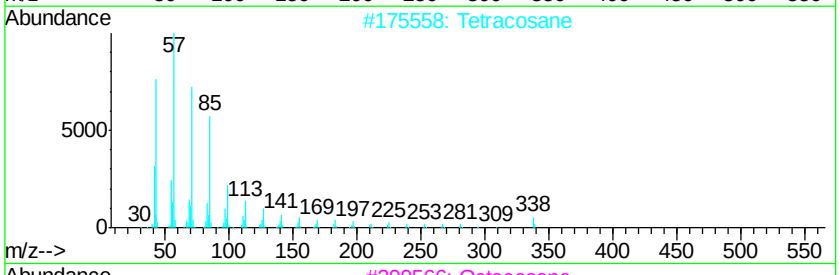
Peak Number 9 Tetracosane Concentration Rank 8

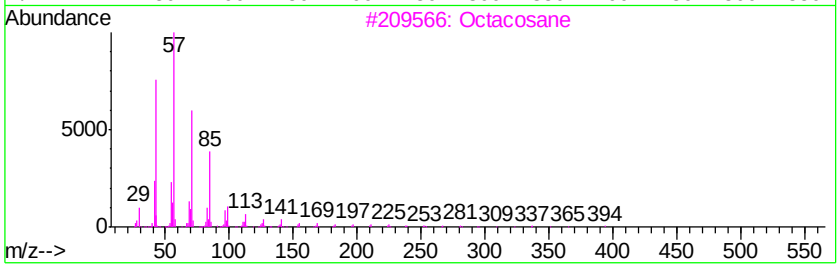
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.12	3.75 ng	382958	Chrysene-d12	21.07

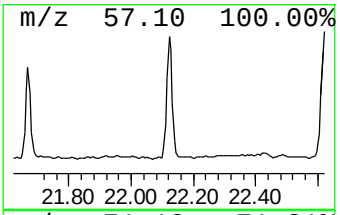
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Tetracosane	338	C24H50	000646-31-1	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Hexadecane	226	C16H34	000544-76-3	87
5	Tetratetracontane	619	C44H90	007098-22-8	83

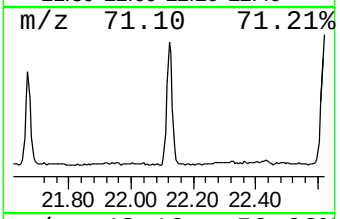


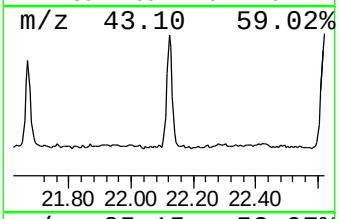


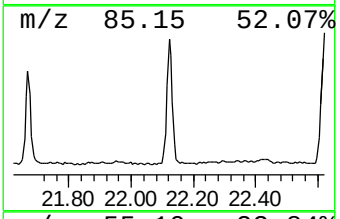


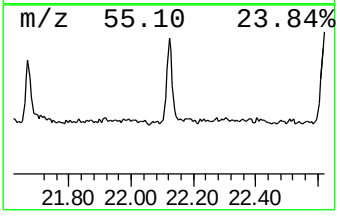












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Acq On : 20 Jul 2020 14:55
Operator : CG/JU
Sample : L3328-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DAY-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.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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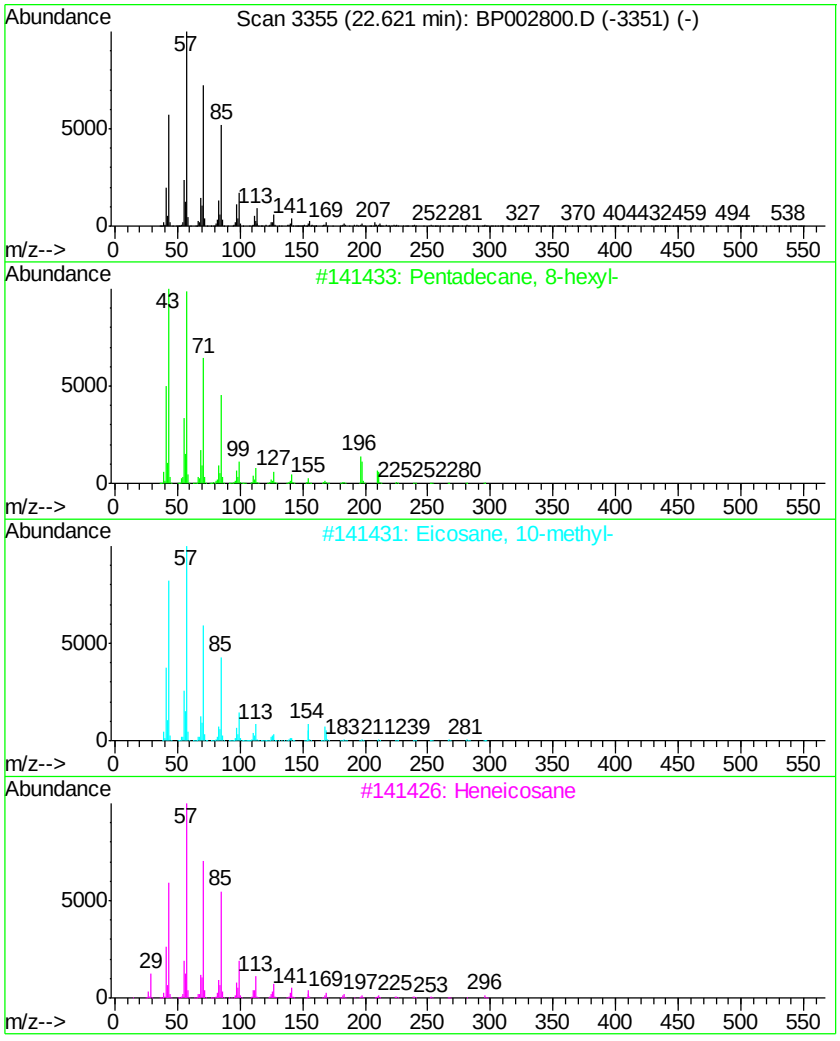
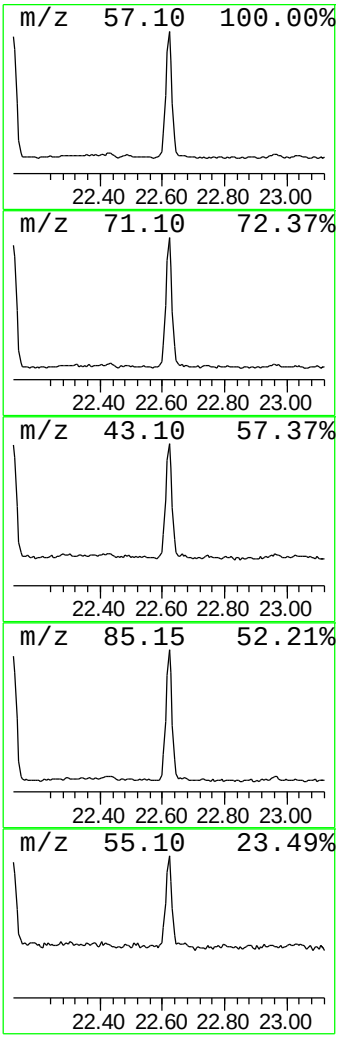
Peak Number 10 Pentadecane, 8-hexyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	4.86 ng	449269	Perylene-d12	23.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	Hexacosane	366	C26H54	000630-01-3	87





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Acq On : 20 Jul 2020 14:55
Operator : CG/JU
Sample : L3328-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DAY-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.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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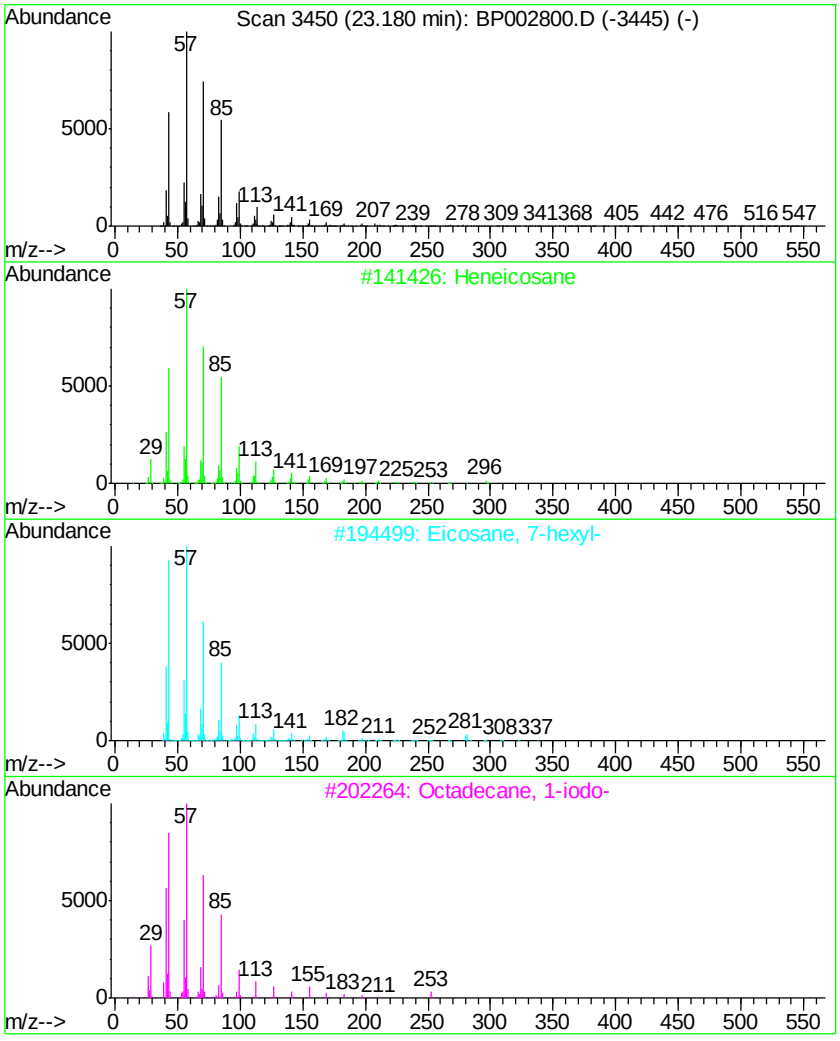
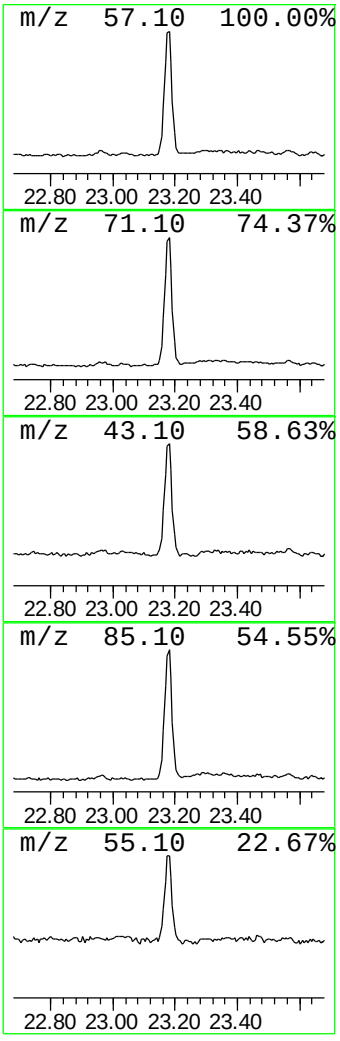
Peak Number 11 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	5.15 ng	476547	Perylene-d12	23.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
4	Pentadecane	212	C15H32	000629-62-9	86
5	Tetratetracontane	619	C44H90	007098-22-8	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072020\
Data File : BP002800.D
Acq On : 20 Jul 2020 14:55
Operator : CG/JU
Sample : L3328-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DAY-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.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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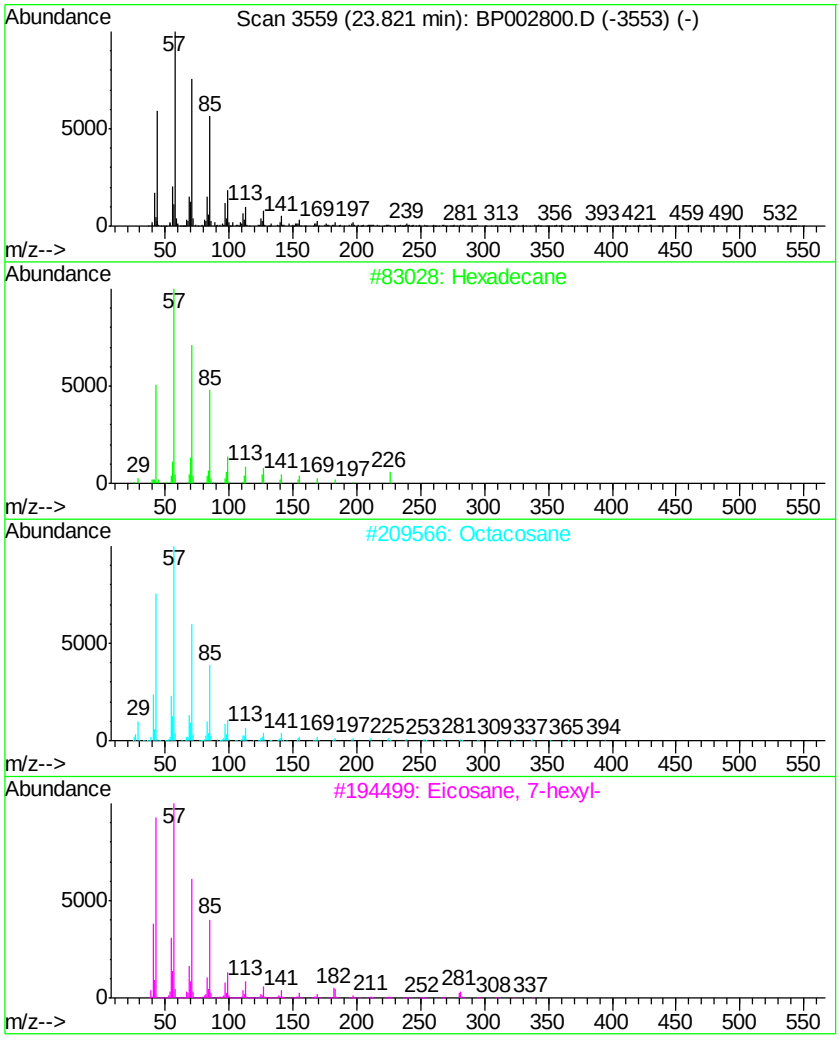
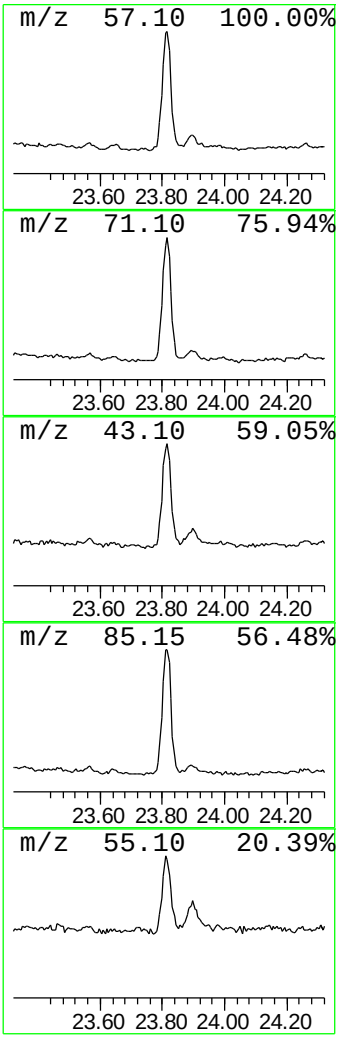
Peak Number 12 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	4.05 ng	374287	Perylene-d12	23.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4	Hentriacontane	437	C31H64	000630-04-6	90
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP072020\
Data File : BP002800.D
Acq On : 20 Jul 2020 14:55
Operator : CG/JU
Sample : L3328-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DAY-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.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, 1,2,4,5-...	9.17	2.3	ng	149662	2	10.32	1302210	20.0
Benzene, 2-butenyl-	9.73	5.3	ng	344793	2	10.32	1302210	20.0
Naphthalene, 2,6-...	13.36	4.2	ng	356376	3	14.20	1693980	20.0
Naphthalene, 1,5-...	13.52	9.6	ng	814859	3	14.20	1693980	20.0
Naphthalene, 2,3-...	13.76	3.5	ng	295339	3	14.20	1693980	20.0
Ethanol, 2-(tetra...	20.81	4.5	ng	453985	5	21.07	2041370	20.0
Hexacosane	21.67	2.8	ng	283264	5	21.07	2041370	20.0
Tetracosane	22.12	3.8	ng	382958	5	21.07	2041370	20.0
Pentadecane, 8-he...	22.62	4.9	ng	449269	6	23.26	1849680	20.0
Heneicosane	23.18	5.2	ng	476547	6	23.26	1849680	20.0
Hexadecane	23.82	4.0	ng	374287	6	23.26	1849680	20.0