

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
 Data File : BM020135.D
 Acq On : 06 May 2019 14:48
 Operator : JU/SJ
 Sample : K2647-01 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-04-050219-A

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:\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	5.369	399	405	413	rBV	1224171	1773067	10.71%	2.232%
2	6.951	664	674	688	rBV	1281854	2059858	12.44%	2.593%
3	7.322	730	737	746	rVB	1279098	2042118	12.33%	2.571%
4	7.787	811	816	823	rVB	541511	845447	5.10%	1.064%
5	8.104	864	870	877	rVB	908829	1494020	9.02%	1.881%
6	8.881	989	1002	1007	rBV5	100721	226182	1.37%	0.285%
7	8.951	1007	1014	1025	rVB	751727	1317372	7.95%	1.658%
8	9.751	1145	1150	1158	rBV8	70166	174085	1.05%	0.219%
9	9.975	1183	1188	1193	rBV2	102592	182118	1.10%	0.229%
10	10.581	1285	1291	1298	rVB	664353	1175145	7.10%	1.479%
11	10.716	1311	1314	1319	rVB	142099	212899	1.29%	0.268%
12	11.263	1404	1407	1415	rVB6	100397	190749	1.15%	0.240%
13	11.486	1439	1445	1451	rVB2	120883	245433	1.48%	0.309%
14	11.581	1457	1461	1465	rBV	149543	210686	1.27%	0.265%
15	11.986	1521	1530	1535	rBV3	148113	346272	2.09%	0.436%
16	12.204	1559	1567	1571	rBV7	86994	183208	1.11%	0.231%
17	12.469	1604	1612	1621	rBV2	239098	516198	3.12%	0.650%
18	12.686	1642	1649	1653	rBV3	87154	185413	1.12%	0.233%
19	12.945	1688	1693	1700	rVB	241996	369155	2.23%	0.465%
20	13.051	1701	1711	1720	rVB	1747871	2583458	15.60%	3.252%
21	13.233	1739	1742	1750	rVB3	148104	297352	1.80%	0.374%
22	13.457	1776	1780	1789	rVB	109195	282341	1.70%	0.355%
23	13.586	1798	1802	1804	rBV	295290	428170	2.59%	0.539%
24	13.751	1824	1830	1835	rBV	510996	895901	5.41%	1.128%
25	13.804	1835	1839	1842	rVV	280881	412042	2.49%	0.519%
26	13.839	1842	1845	1849	rVV2	199613	261023	1.58%	0.329%
27	13.892	1849	1854	1859	rVB2	461487	667664	4.03%	0.841%
28	13.986	1866	1870	1873	rBV	175791	212854	1.29%	0.268%
29	14.157	1894	1899	1904	rBV3	200925	335599	2.03%	0.422%
30	14.251	1911	1915	1920	rVB3	178007	282075	1.70%	0.355%
31	14.316	1921	1926	1932	rBV2	207568	326765	1.97%	0.411%
32	14.433	1941	1946	1951	rVB2	1027434	1546576	9.34%	1.947%
33	14.639	1975	1981	1989	rVB	224307	557722	3.37%	0.702%
34	14.821	2007	2012	2017	rVB3	319999	543053	3.28%	0.684%

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35	14.904	2021	2026	2029	rBV	261678	340930	2.06%	0.429%
36	15.045	2045	2050	2055	rBV	251194	474263	2.86%	0.597%
37	15.098	2055	2059	2063	rVB	213805	306650	1.85%	0.386%
38	15.216	2072	2079	2082	rBV4	179983	397016	2.40%	0.500%
39	15.269	2082	2088	2093	rVB3	208834	412796	2.49%	0.520%
40	15.474	2118	2123	2127	rBV4	113199	189066	1.14%	0.238%
41	15.521	2127	2131	2135	rVB4	100005	168216	1.02%	0.212%
42	15.674	2154	2157	2165	rVB3	239677	402550	2.43%	0.507%
43	15.921	2194	2199	2207	rVB	1517447	2149839	12.98%	2.706%
44	15.986	2207	2210	2221	rVB4	107496	253516	1.53%	0.319%
45	16.151	2231	2238	2244	rVB	564211	1030286	6.22%	1.297%
46	16.533	2299	2303	2309	rVV4	155779	238489	1.44%	0.300%
47	16.921	2366	2369	2373	rVB	185393	198254	1.20%	0.250%
48	16.974	2374	2378	2381	rBV	171123	239539	1.45%	0.302%
49	17.180	2407	2413	2417	rBV	1322151	1918350	11.58%	2.415%
50	17.221	2417	2420	2426	rVB	281597	385654	2.33%	0.485%
51	17.657	2491	2494	2498	rVB	169956	204794	1.24%	0.258%
52	17.839	2520	2525	2530	rVB	3358144	4068619	24.57%	5.122%
53	18.057	2558	2562	2566	rBV2	366081	565991	3.42%	0.713%
54	18.104	2567	2570	2575	rVB	177919	247463	1.49%	0.312%
55	18.239	2590	2593	2598	rBV5	119070	215008	1.30%	0.271%
56	18.357	2609	2613	2616	rBV	148611	188564	1.14%	0.237%
57	18.986	2715	2720	2723	rBV	10346935	12815003	77.38%	16.132%
58	19.021	2723	2726	2737	rVB2	13341552	16561157	100.00%	20.848%
59	19.151	2744	2748	2753	rBV	1492248	1647587	9.95%	2.074%
60	19.204	2753	2757	2758	rBV	329913	382199	2.31%	0.481%
61	19.233	2758	2762	2768	rVB2	796376	1254490	7.57%	1.579%
62	19.521	2807	2811	2816	rVB	431776	547974	3.31%	0.690%
63	19.568	2817	2819	2822	rVV2	179291	223489	1.35%	0.281%
64	19.604	2822	2825	2831	rVB	401377	608179	3.67%	0.766%
65	19.804	2855	2859	2864	rBV	2747135	3294978	19.90%	4.148%
66	20.251	2932	2935	2938	rBV2	322718	384531	2.32%	0.484%
67	21.362	3121	3124	3128	rVB	1629712	1948774	11.77%	2.453%
68	23.662	3511	3515	3521	rVB2	1052481	1790201	10.81%	2.254%

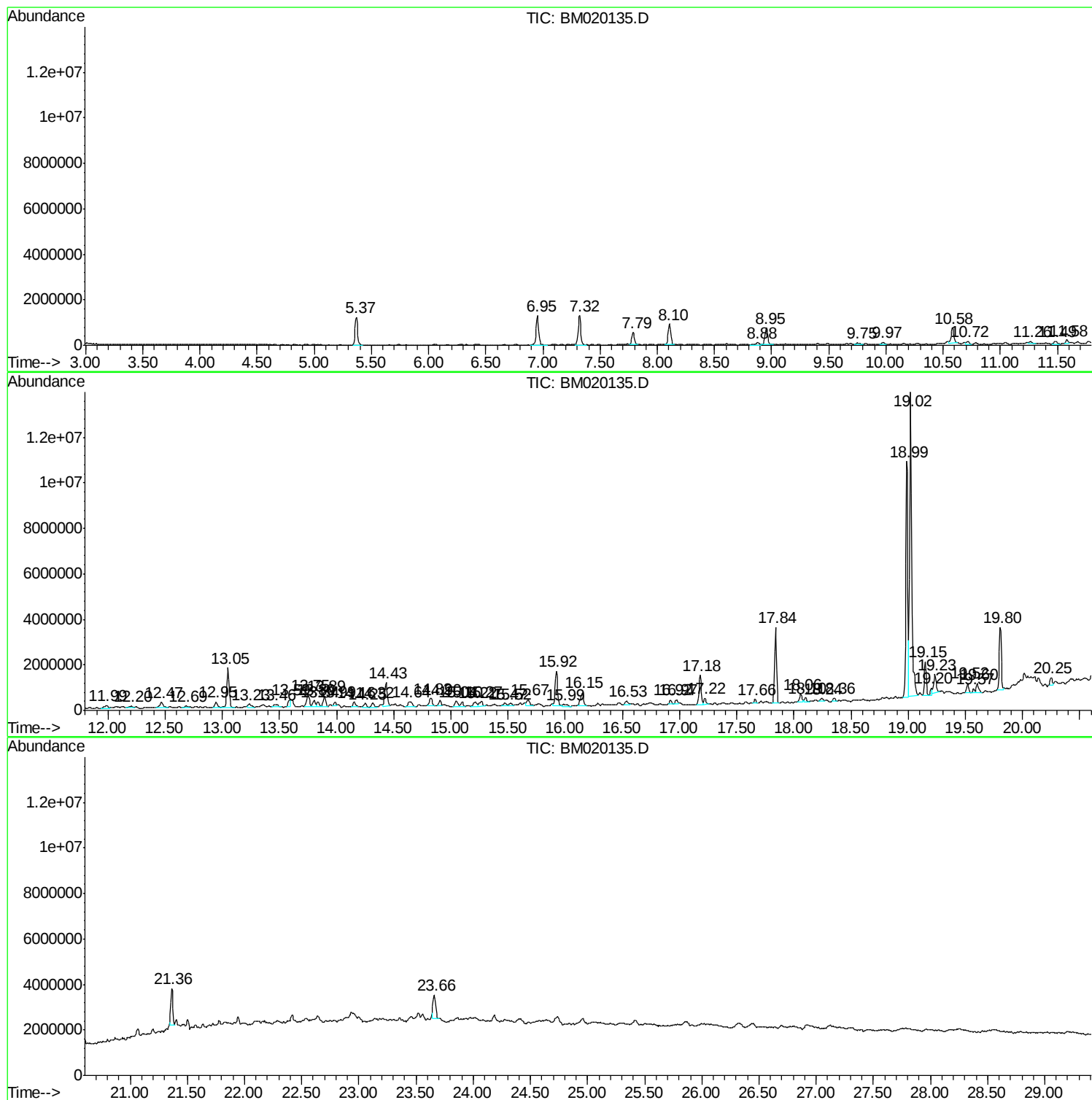
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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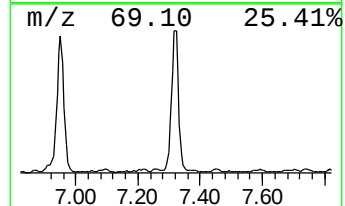
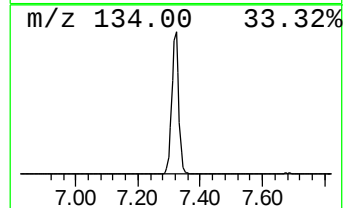
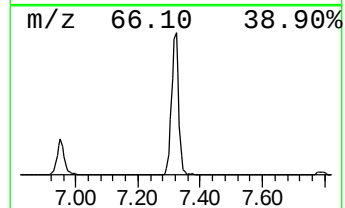
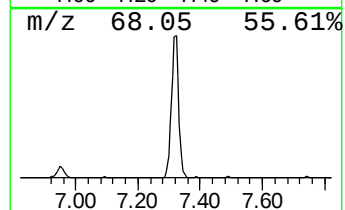
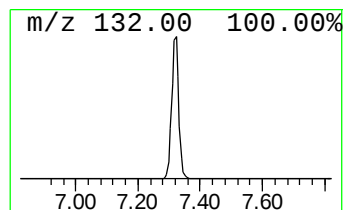
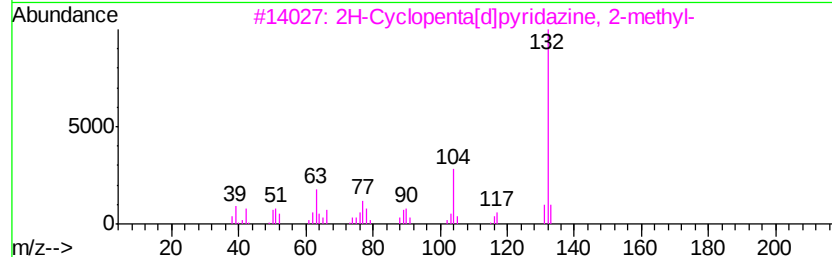
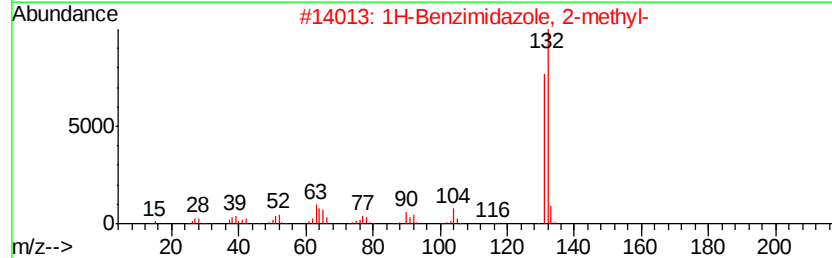
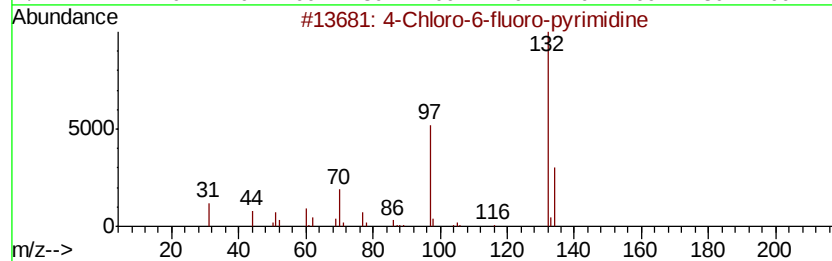
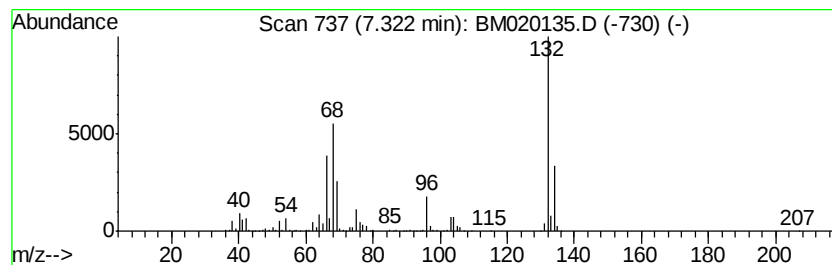
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.32 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	48.31 ng	2042120	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3		2H-Cyclopenta[d]pyridazine, 2-methyl-	132	C8H8N2	022291-85-6	10
4		Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10
5		5-Aminoindole	132	C8H8N2	005192-03-0	10



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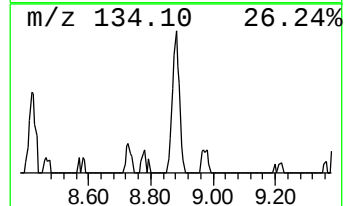
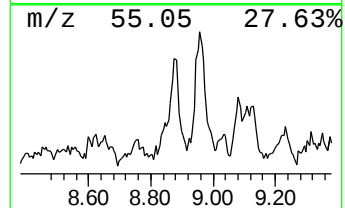
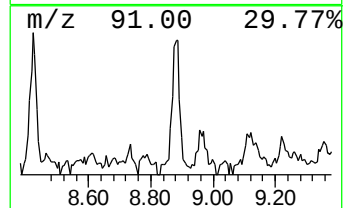
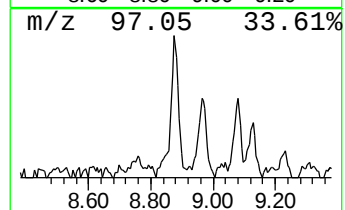
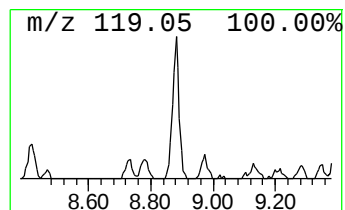
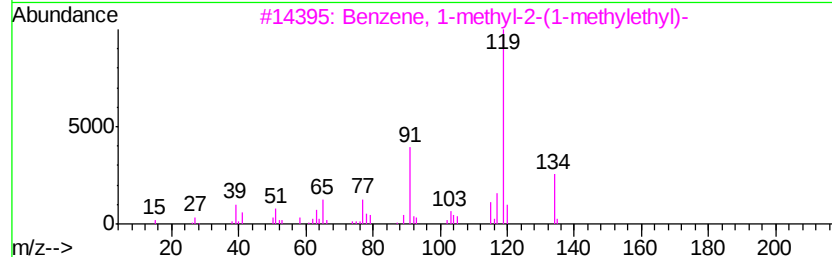
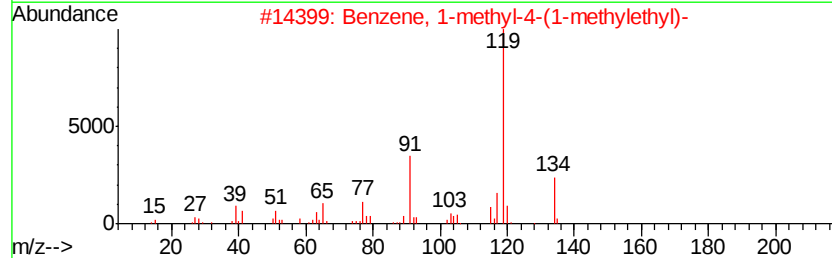
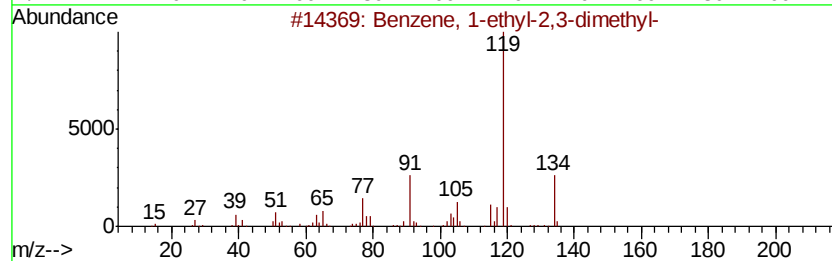
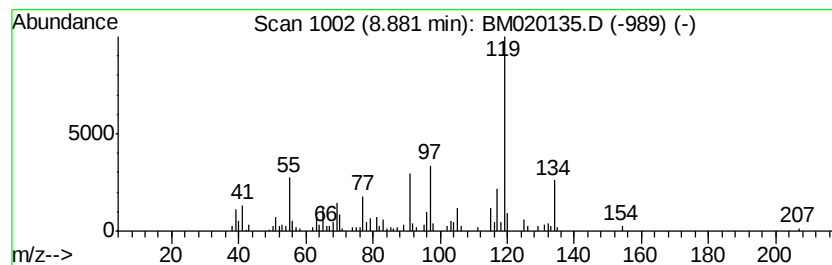
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	5.35 ng	226182	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
2		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	76
3		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	70
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64



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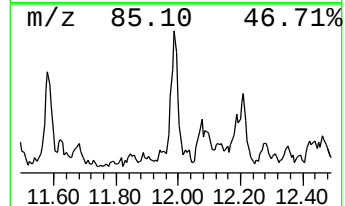
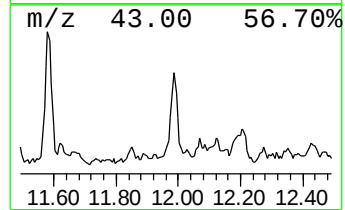
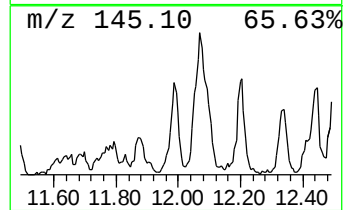
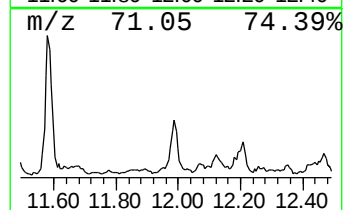
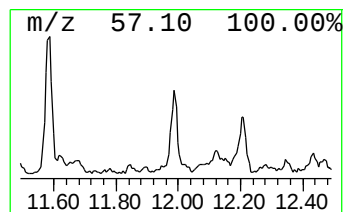
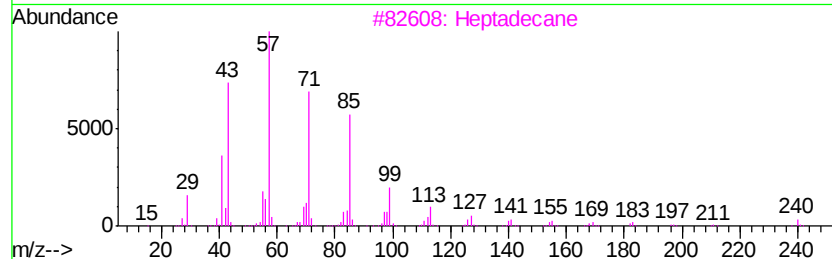
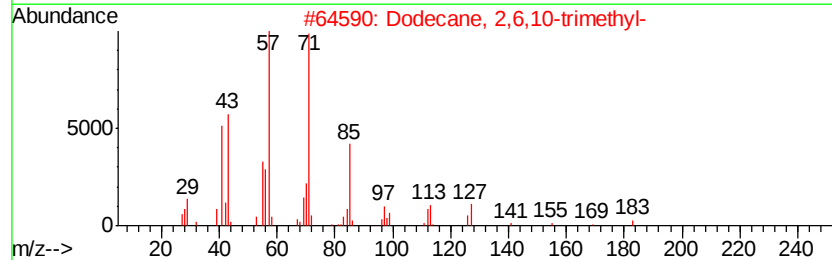
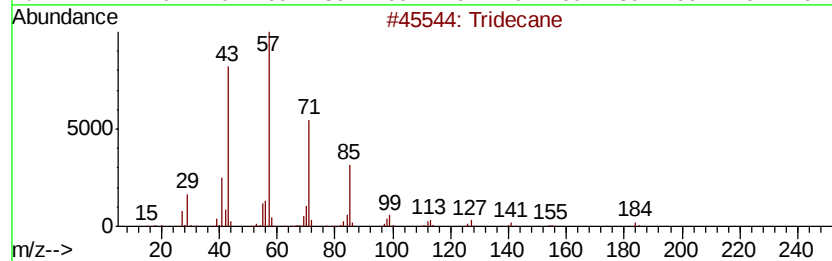
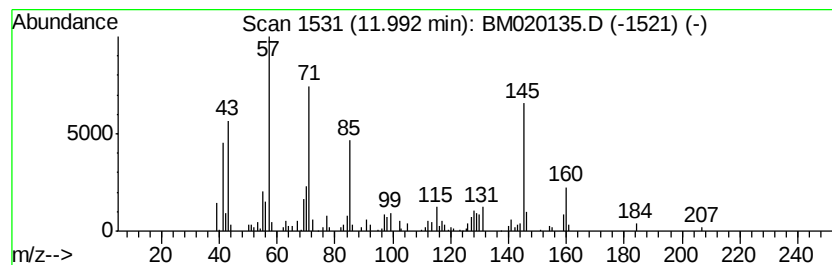
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Peak Number 4 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.99	5.89 ng	346272	Naphthalene-d8	10.58	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	50
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	49
3	Heptadecane	240	C17H36	000629-78-7	46
4	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	46
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	38



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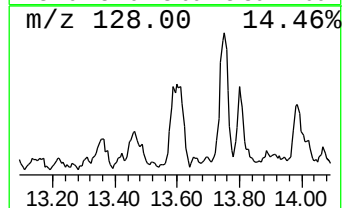
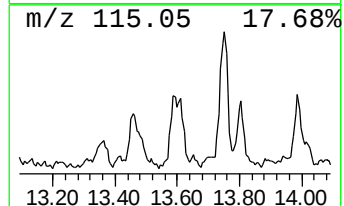
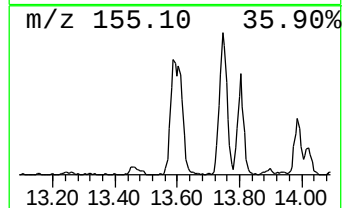
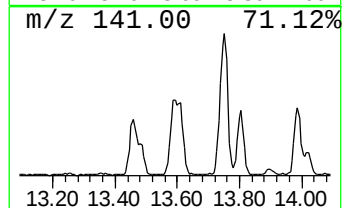
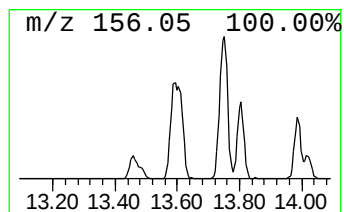
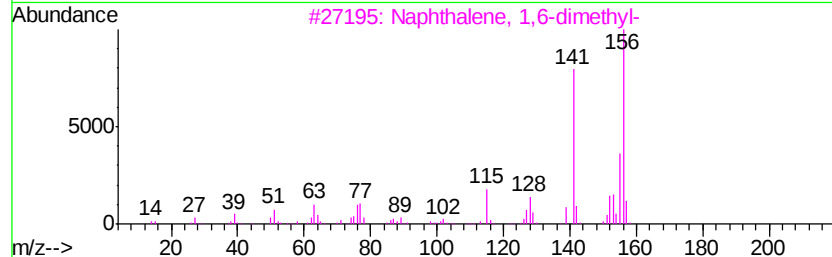
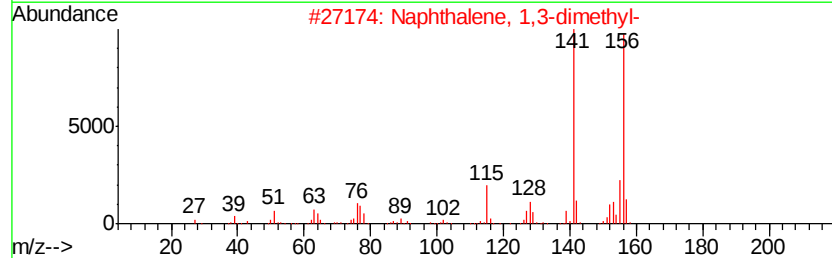
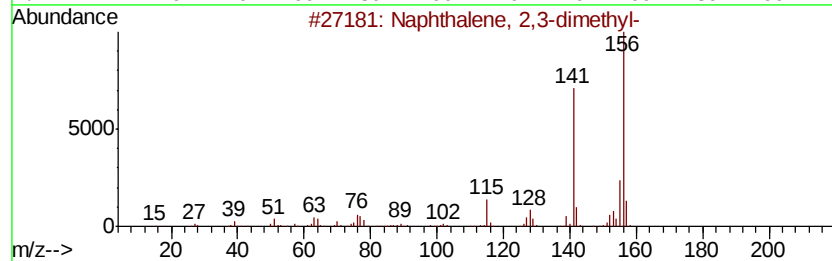
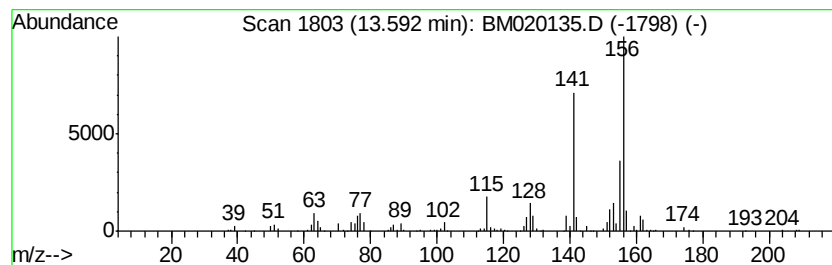
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Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	5.54 ng	428170	Acenaphthene-d10	14.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96
4		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 96
5		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 96



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
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Acq On : 06 May 2019 14:48
Operator : JU/SJ
Sample : K2647-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

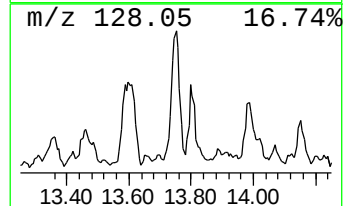
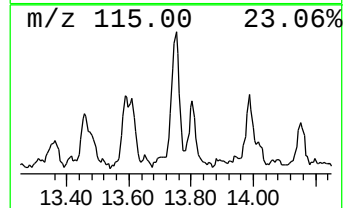
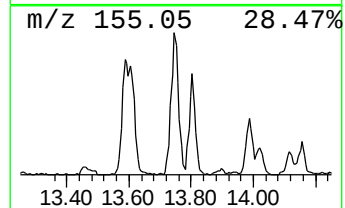
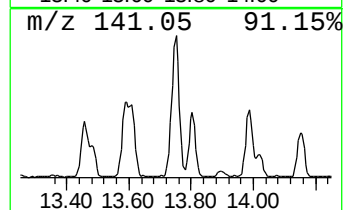
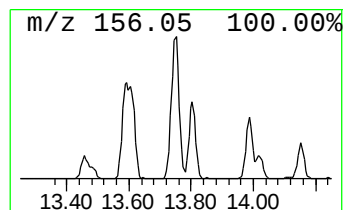
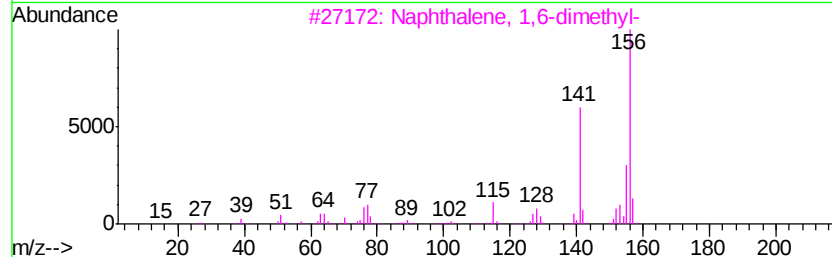
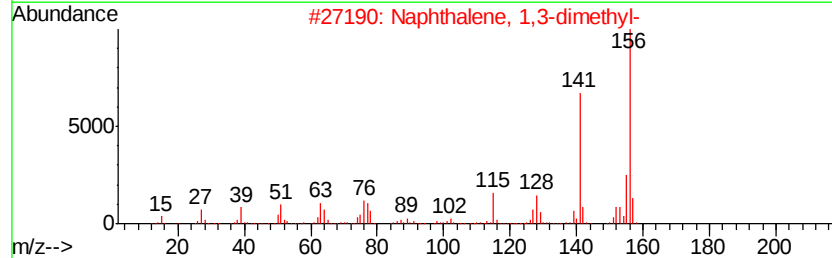
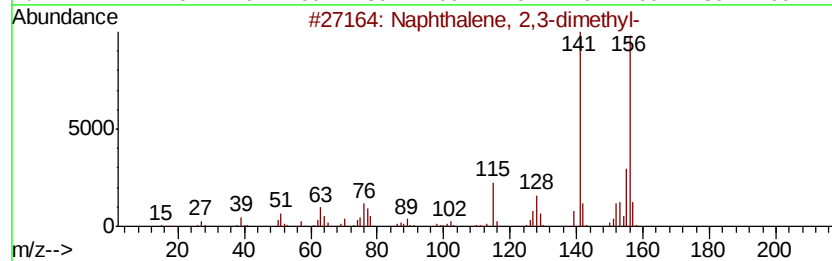
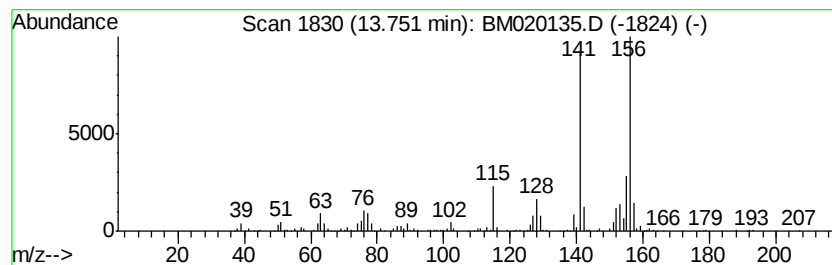
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ClientSampleId :
SU-04-050219-A

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, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	11.59 ng	895901	Acenaphthene-d10	14.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 98
2		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
4		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020135.D
Acq On : 06 May 2019 14:48
Operator : JU/SJ
Sample : K2647-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

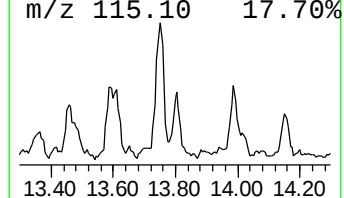
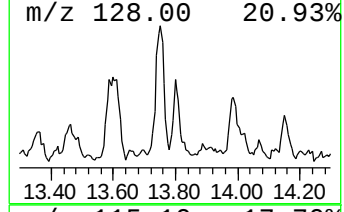
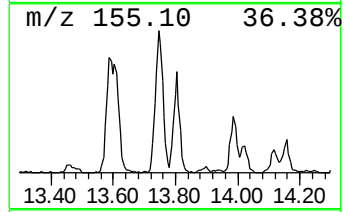
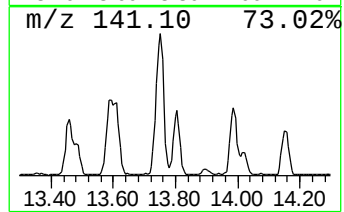
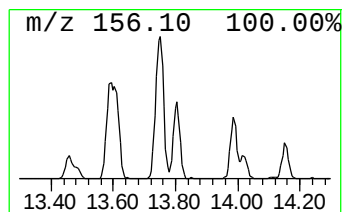
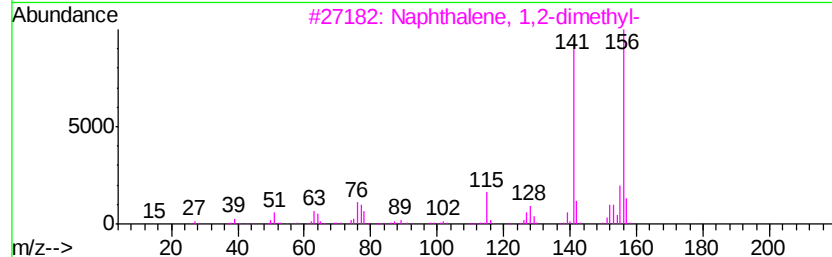
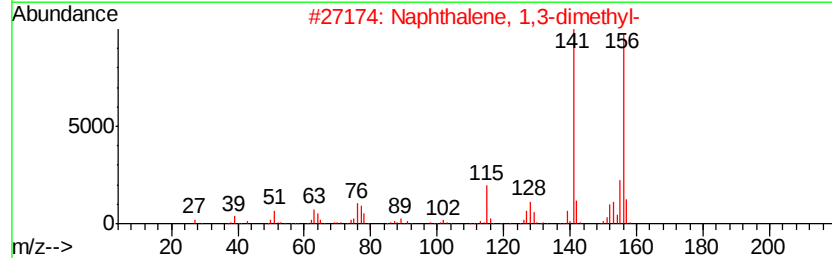
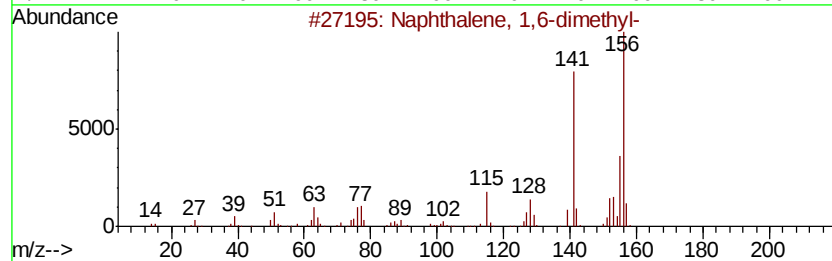
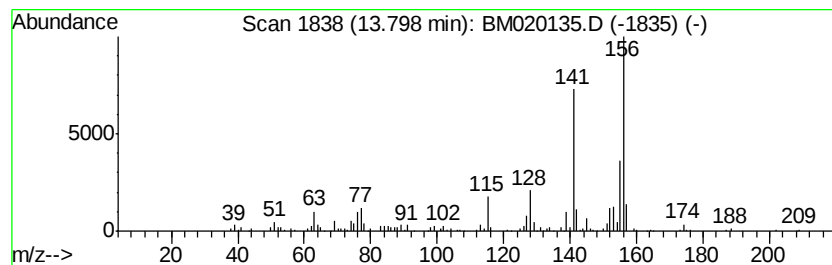
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ClientSampleId :
SU-04-050219-A

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 Naphthalene, 1,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	5.33 ng	412042	Acenaphthene-d10	14.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 98
2		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96
3		Naphthalene, 1,2-dimethyl-	156 C12H12	000573-98-8 96
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96
5		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 96



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020135.D
Acq On : 06 May 2019 14:48
Operator : JU/SJ
Sample : K2647-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

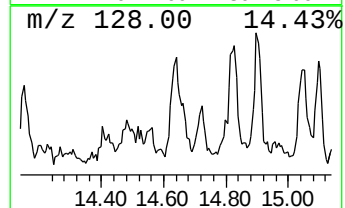
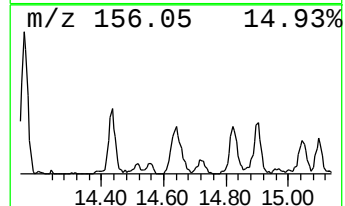
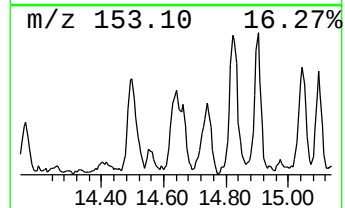
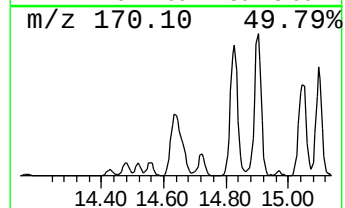
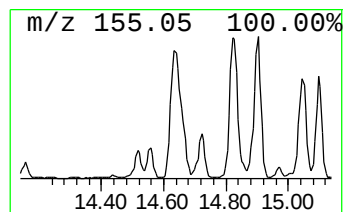
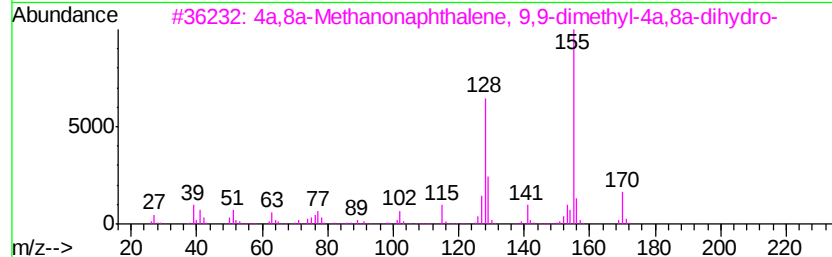
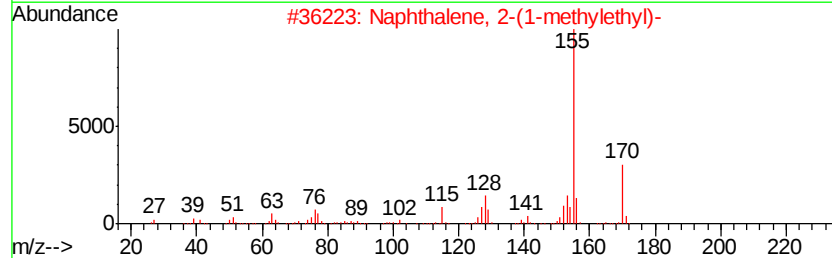
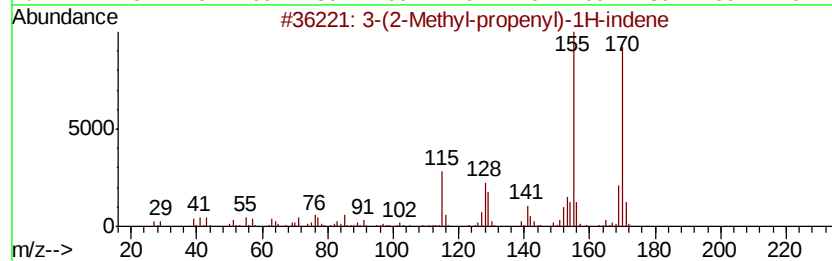
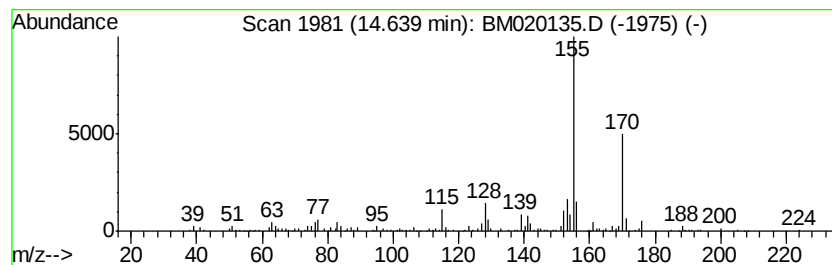
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SU-04-050219-A

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 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	7.21 ng	557722	Acenaphthene-d10	14.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		3-(2-Methyl-propenyl)-1H-indene	170 C13H14	1000187-78-5 90
2		Naphthalene, 2-(1-methylethyl)-	170 C13H14	002027-17-0 90
3		4a,8a-Methanonaphthalene, 9,9-di...	170 C13H14	038963-97-2 87
4		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 83
5		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020135.D
Acq On : 06 May 2019 14:48
Operator : JU/SJ
Sample : K2647-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

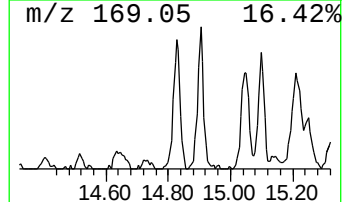
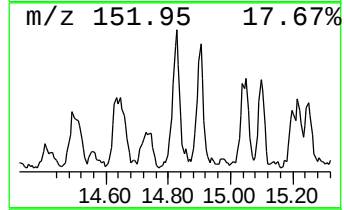
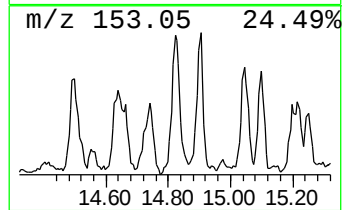
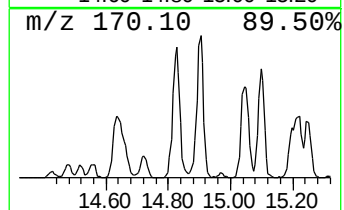
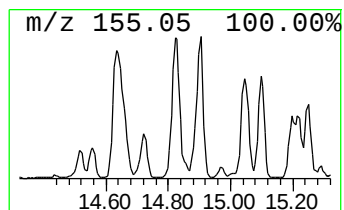
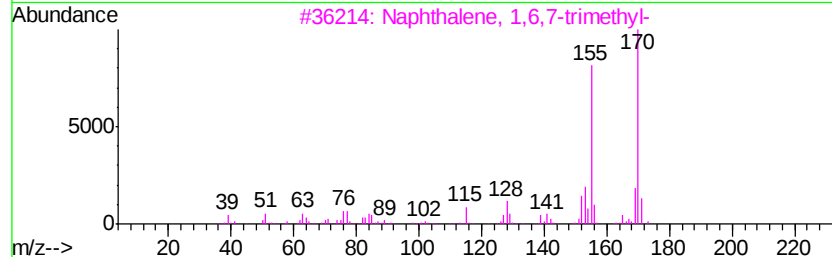
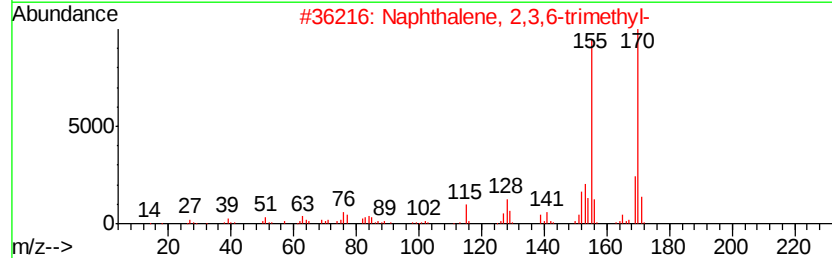
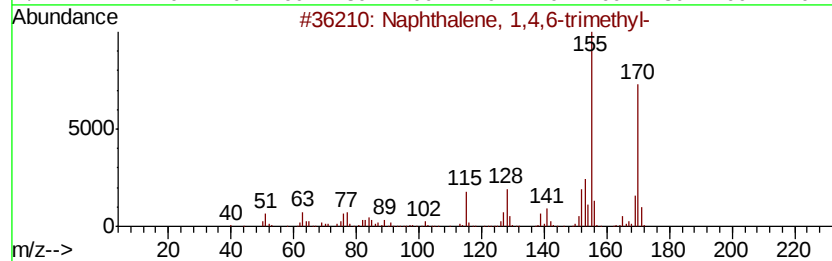
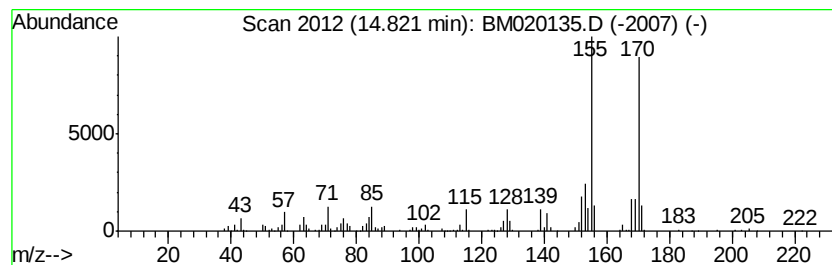
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,4,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.82	7.02 ng	543053	Acenaphthene-d10		14.43
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020135.D
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Sample : K2647-01 2X
Misc :
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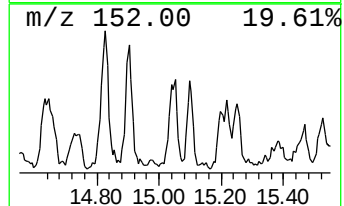
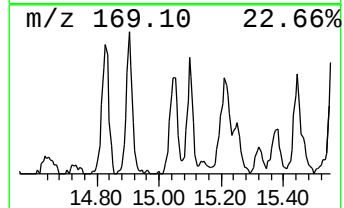
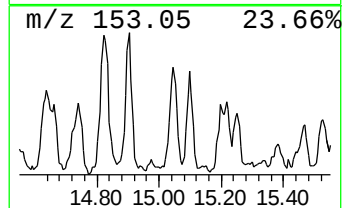
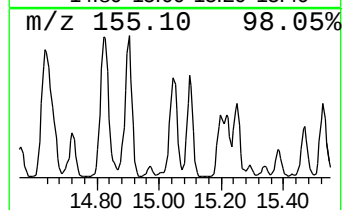
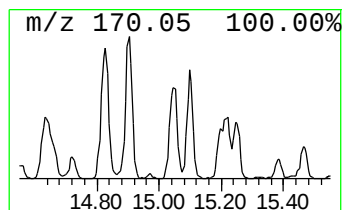
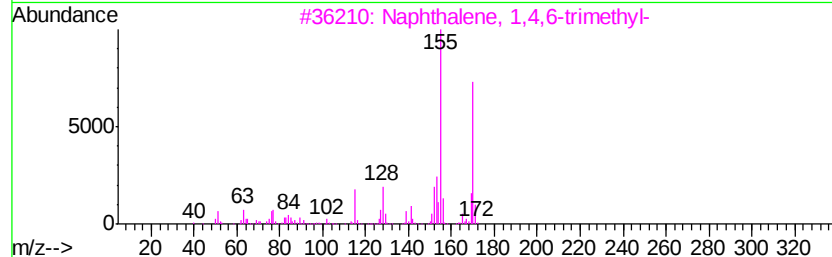
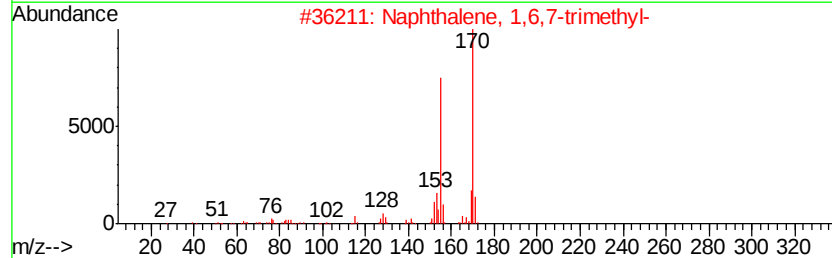
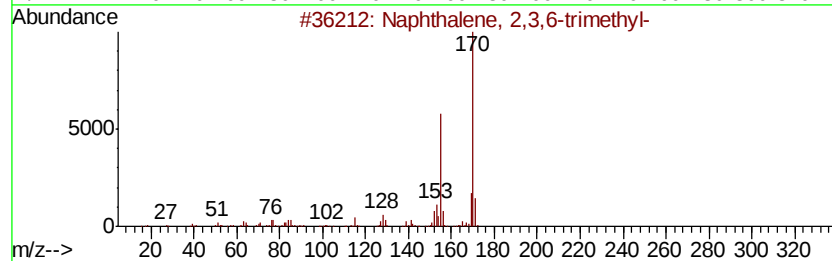
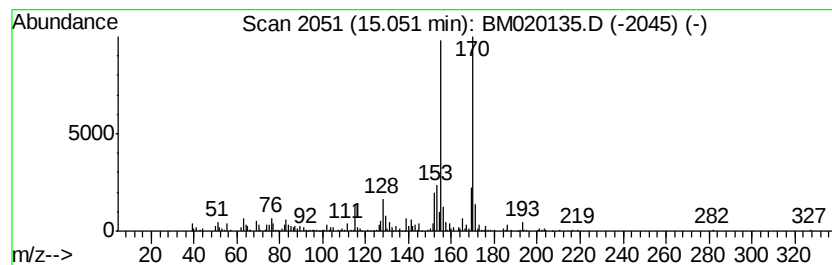
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.05	6.13 ng	474263	Acenaphthene-d10	14.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	94
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020135.D
Acq On : 06 May 2019 14:48
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Sample : K2647-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

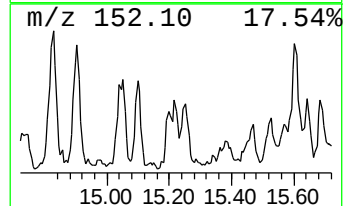
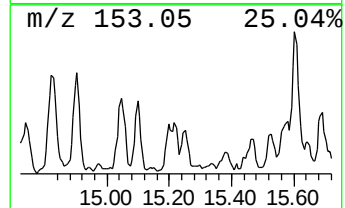
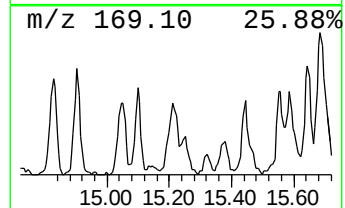
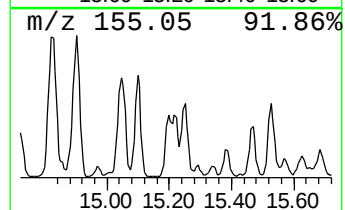
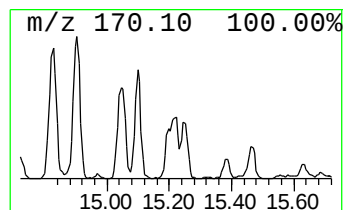
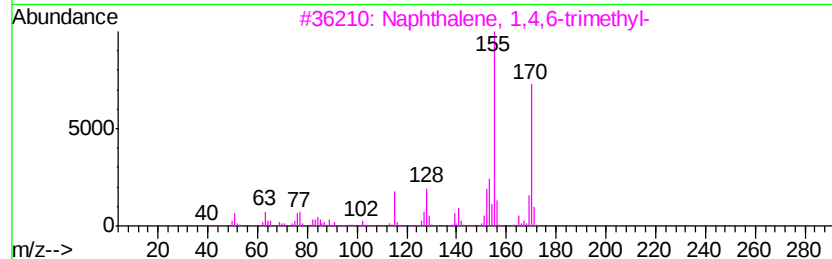
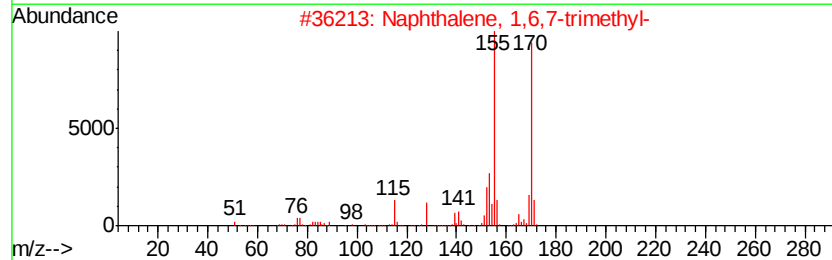
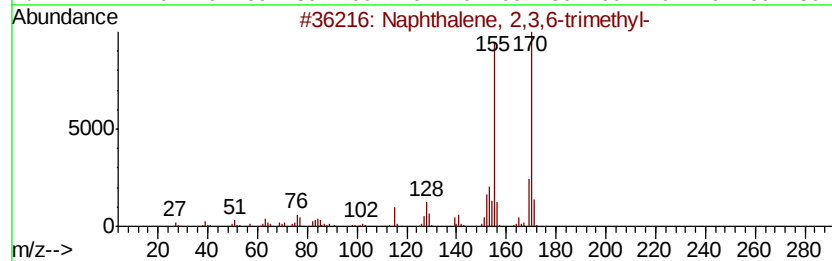
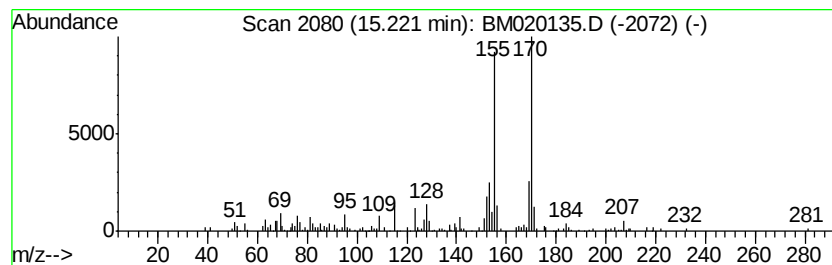
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	5.13 ng	397016	Acenaphthene-d10	14.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 96
2		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 96
3		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 95
4		Azulene, 4,6,8-trimethyl-	170 C13H14	000941-81-1 89
5		Naphthalene, 1,4,5-trimethyl-	170 C13H14	002131-41-1 89



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020135.D
Acq On : 06 May 2019 14:48
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Sample : K2647-01 2X
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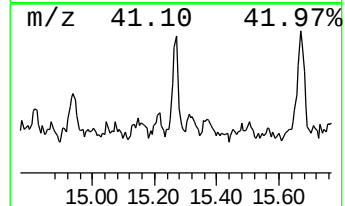
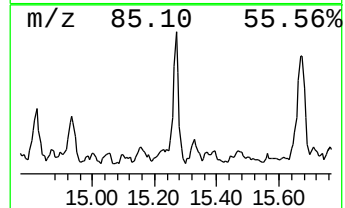
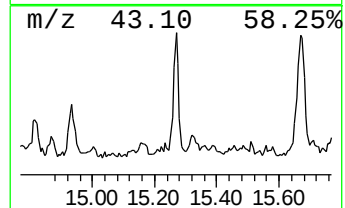
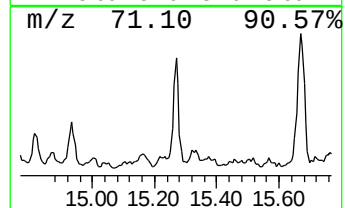
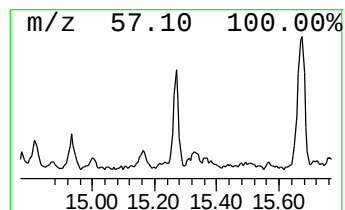
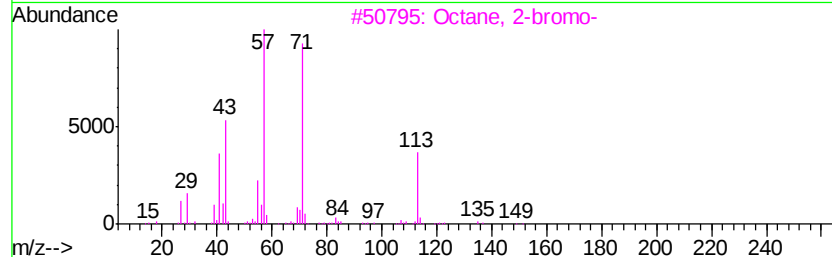
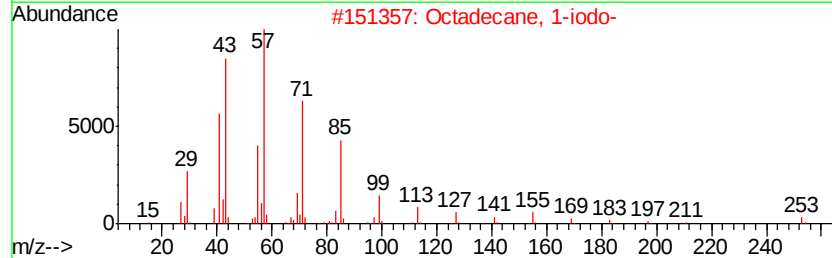
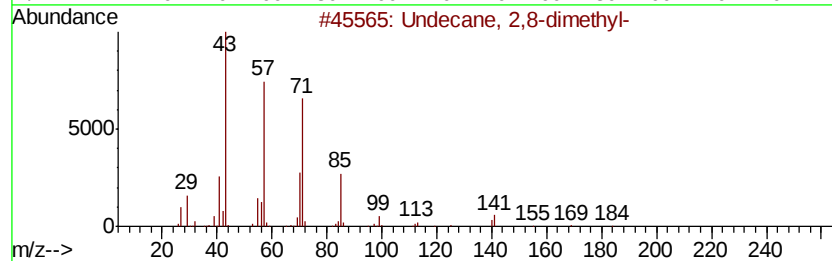
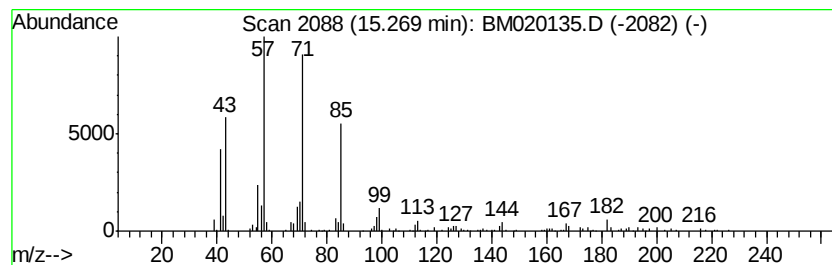
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ClientSampleId :
SU-04-050219-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Undecane, 2,8-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.27	5.34 ng	412796	Acenaphthene-d10		14.43
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	72
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64
3	Octane, 2-bromo-	192	C8H17Br	000557-35-7	47
4	Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	38
5	2-Pentene, 5-(pentyloxy)-, (E)-	156	C10H20O	056052-85-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020135.D
Acq On : 06 May 2019 14:48
Operator : JU/SJ
Sample : K2647-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

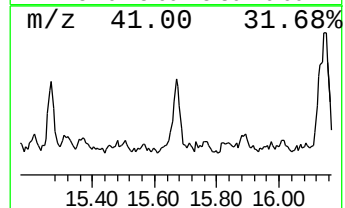
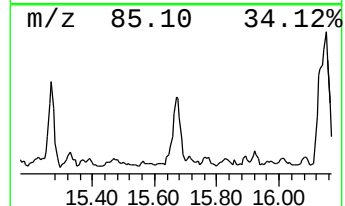
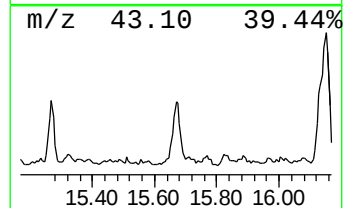
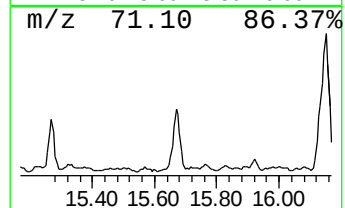
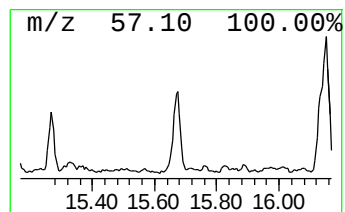
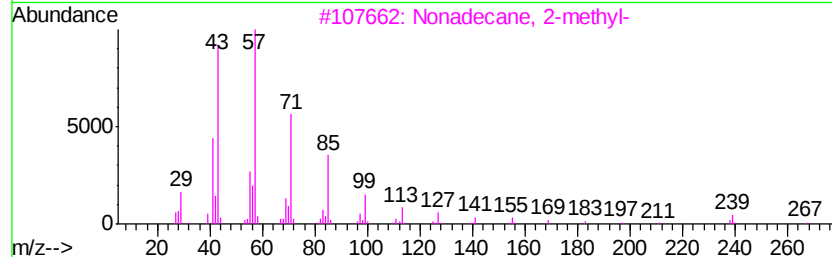
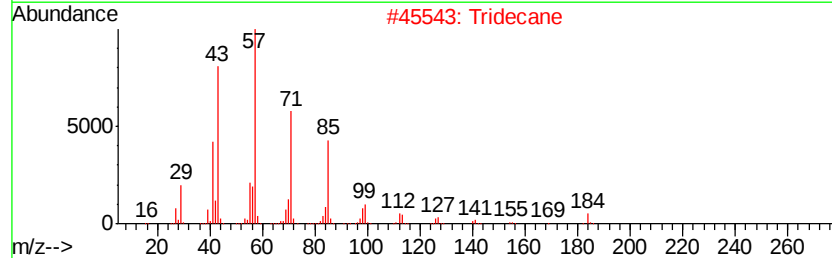
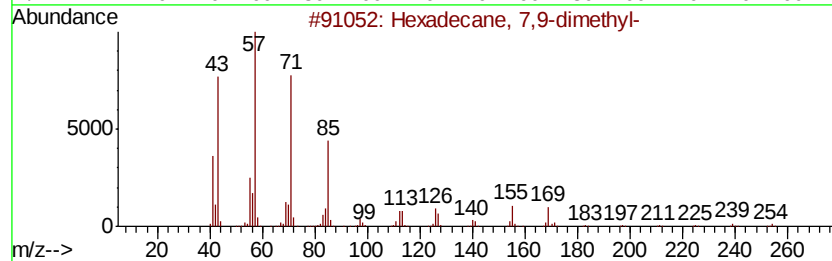
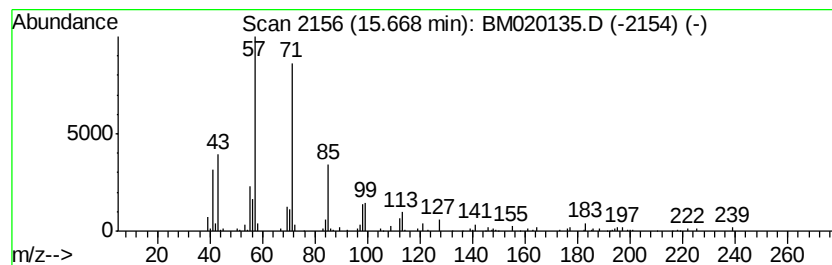
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane, 7,9-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.		
15.67	5.21 ng	402550	Acenaphthene-d10		14.43		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane,	7,9-dimethyl-	254	C18H38		021164-95-4	64
2	Tridecane		184	C13H28		000629-50-5	64
3	Nonadecane,	2-methyl-	282	C20H42		001560-86-7	59
4	Hexadecane,	2,6,10,14-tetramethyl-	282	C20H42		000638-36-8	58
5	Octadecane,	1-iodo-	380	C18H37I		000629-93-6	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020135.D
Acq On : 06 May 2019 14:48
Operator : JU/SJ
Sample : K2647-01 2X
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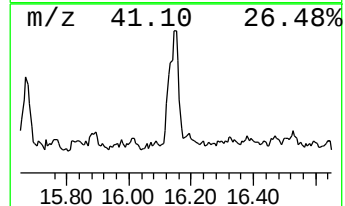
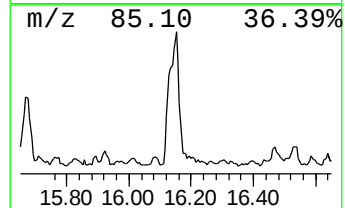
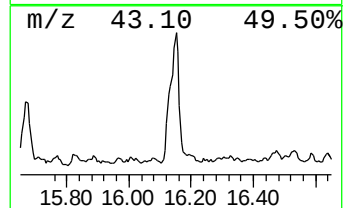
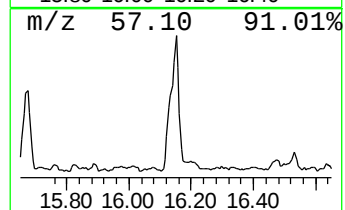
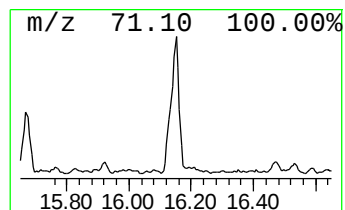
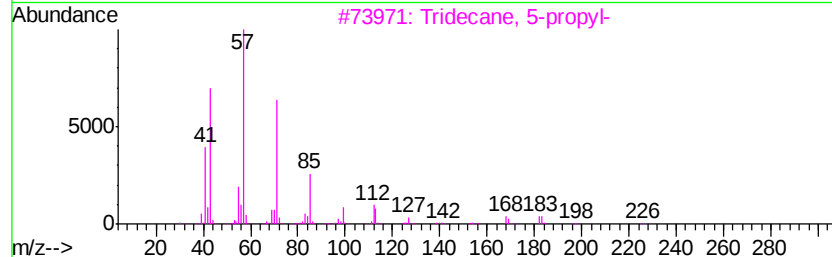
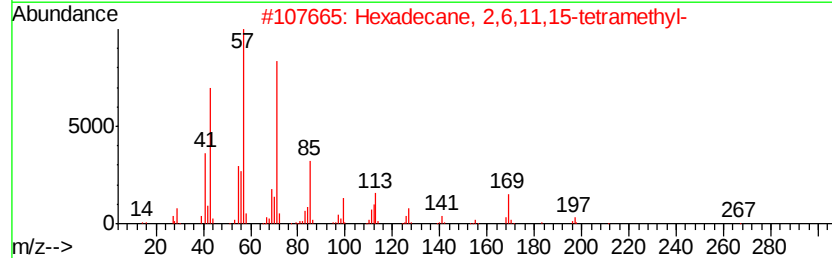
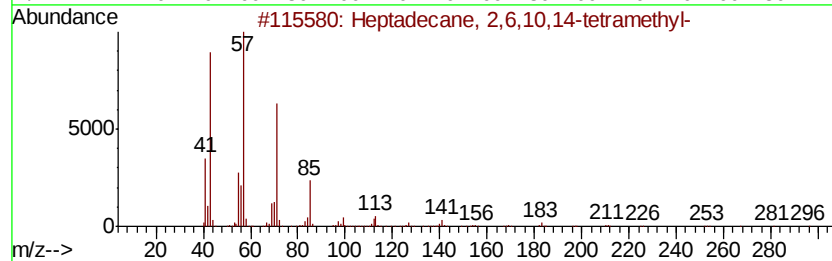
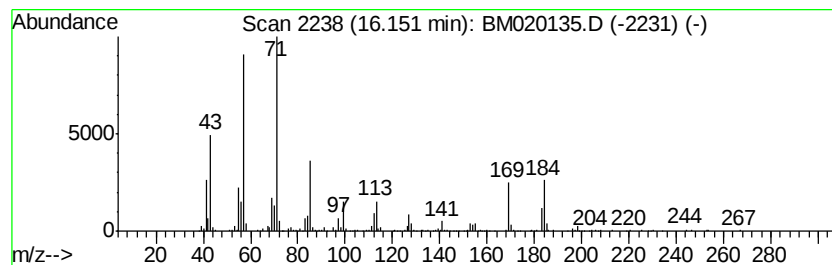
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptadecane, 2,6,10,14-tetr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	10.74 ng	1030290	Phenanthrene-d10	17.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64
2		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	58
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	50
4		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	49
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020135.D
Acq On : 06 May 2019 14:48
Operator : JU/SJ
Sample : K2647-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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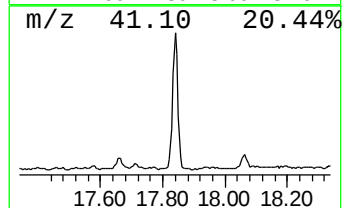
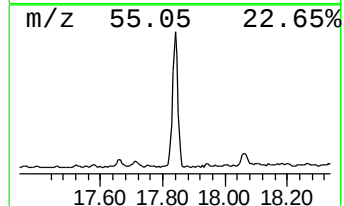
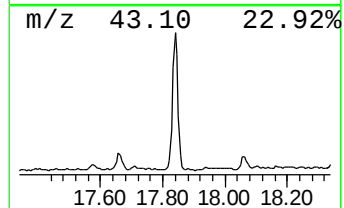
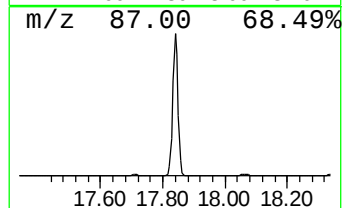
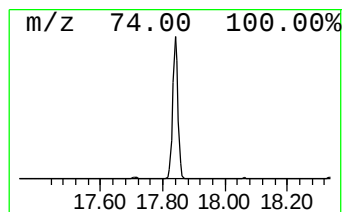
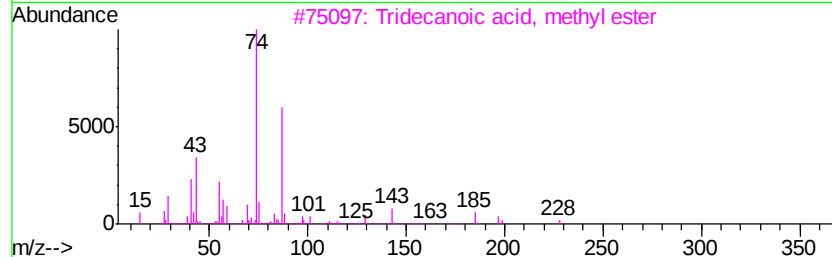
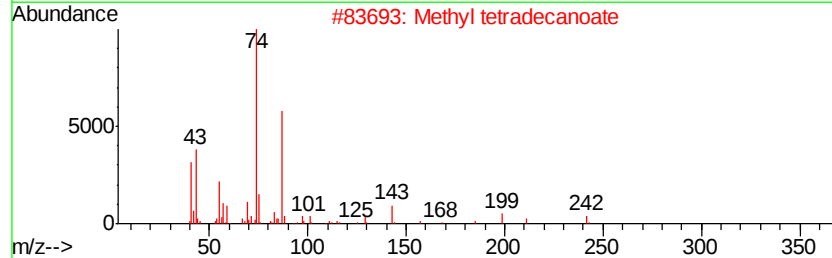
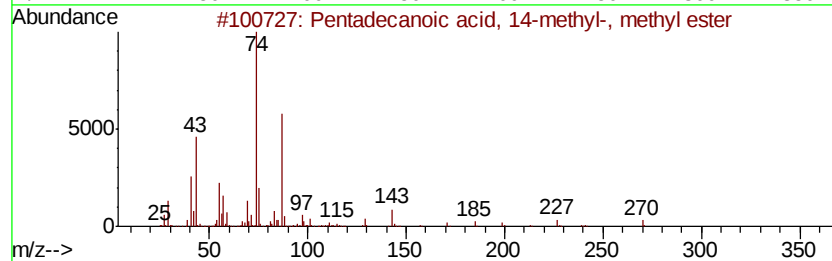
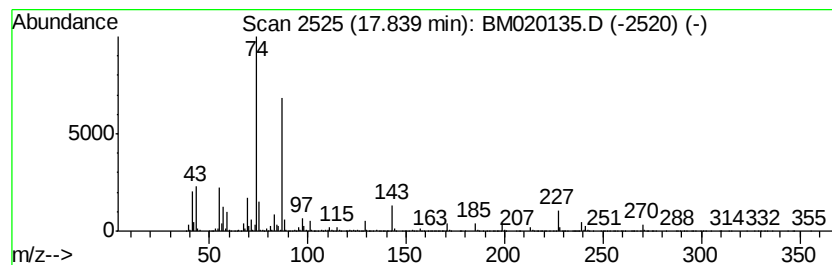
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentadecanoic acid, 14-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	42.42 ng	4068620	Phenanthrene-d10	17.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
2		Methyl tetradecanoate	242	C15H30O2	000124-10-7	94
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
4		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	92
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020135.D
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Operator : JU/SJ
Sample : K2647-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

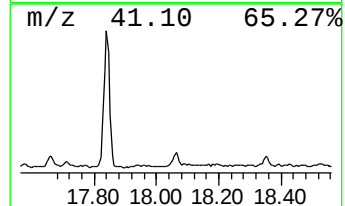
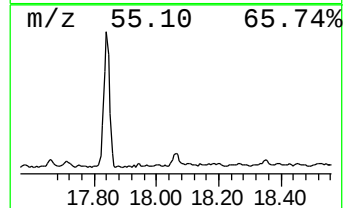
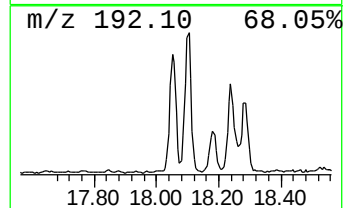
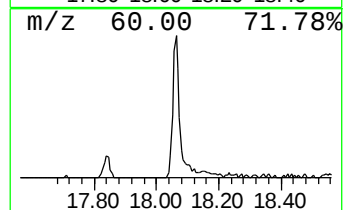
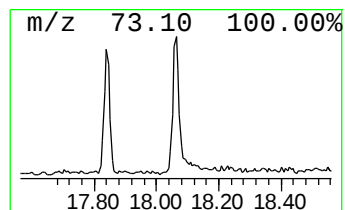
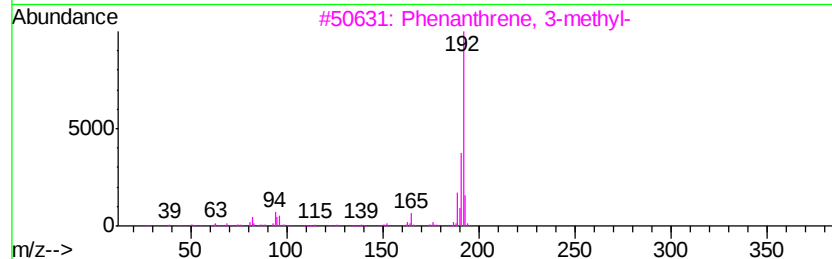
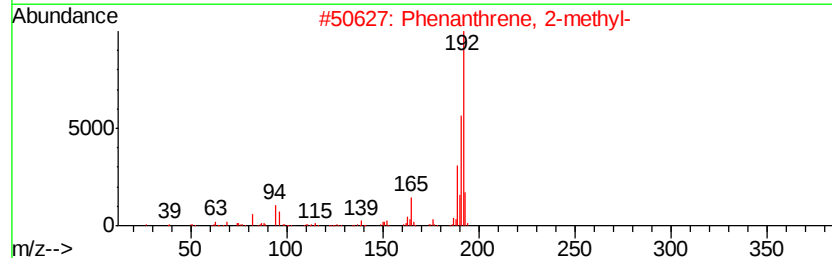
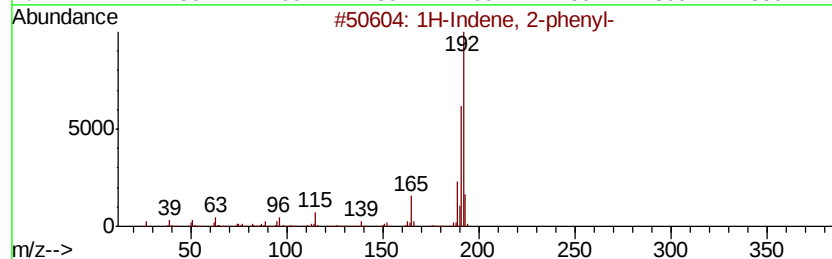
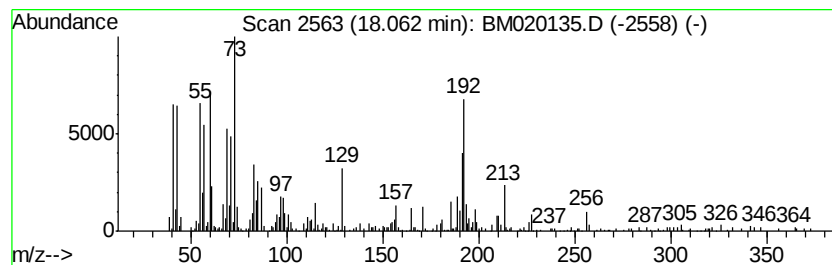
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1H-Indene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.06	5.90 ng	565991	Phenanthrene-d10		17.18
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	92
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020135.D
Acq On : 06 May 2019 14:48
Operator : JU/SJ
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-04-050219-A

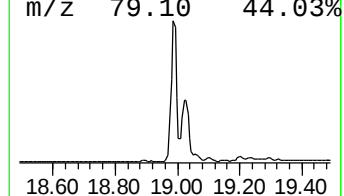
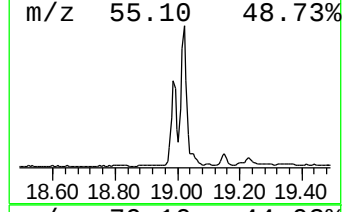
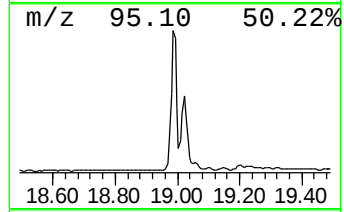
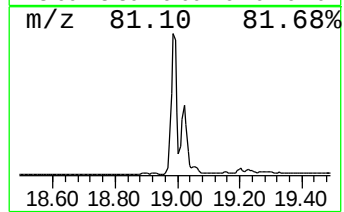
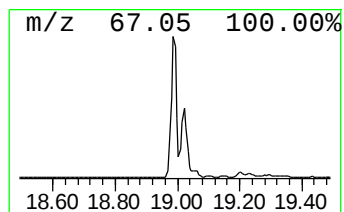
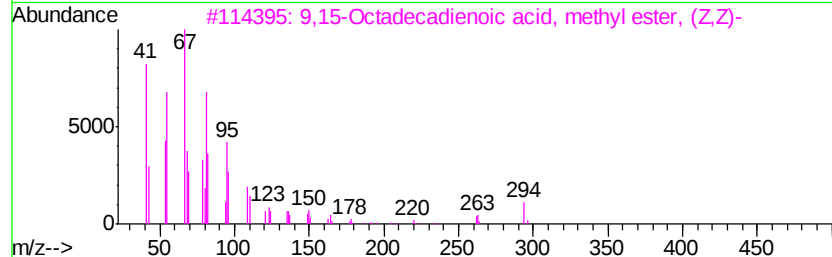
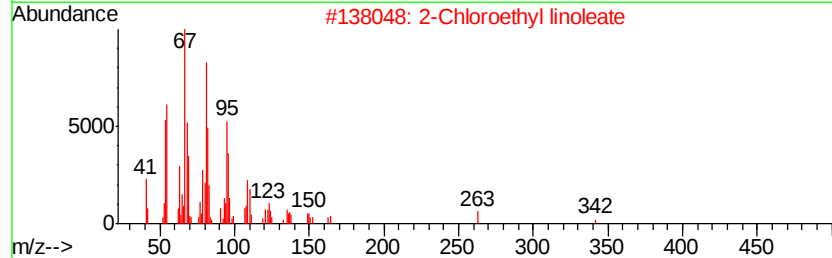
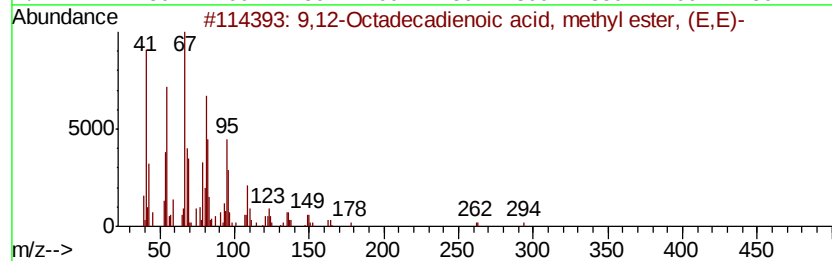
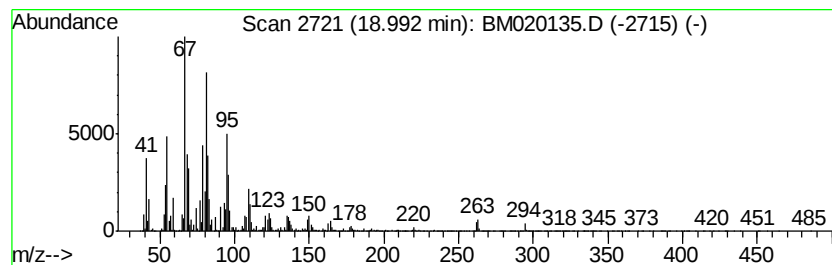
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	133.60 ng	12815000	Phenanthrene-d10	17.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	97
2		2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	94
3		9,15-Octadecadienoic acid, methv...	294	C19H34O2	017309-05-6	90
4		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	87
5		3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020135.D
Acq On : 06 May 2019 14:48
Operator : JU/SJ
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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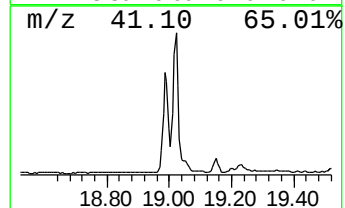
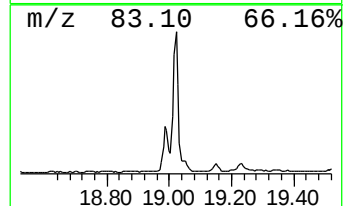
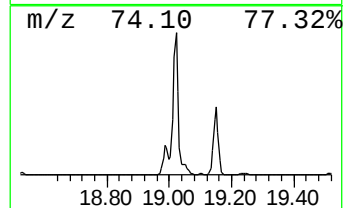
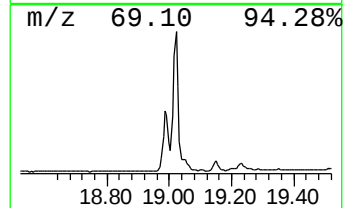
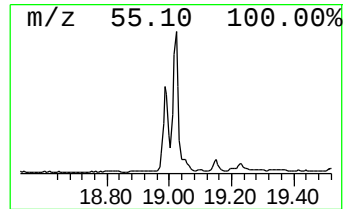
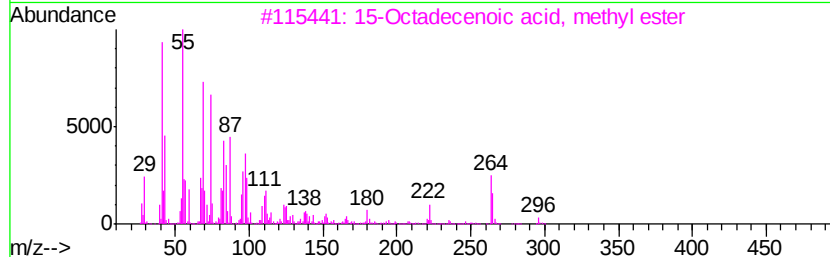
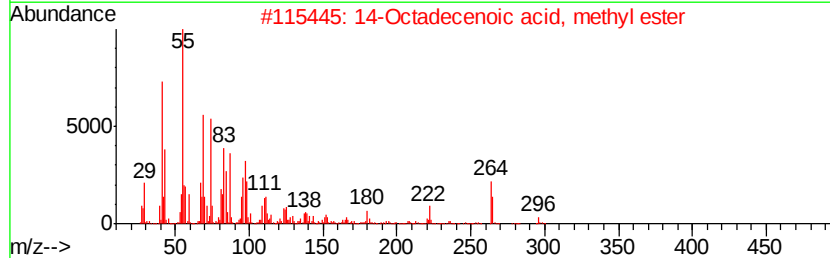
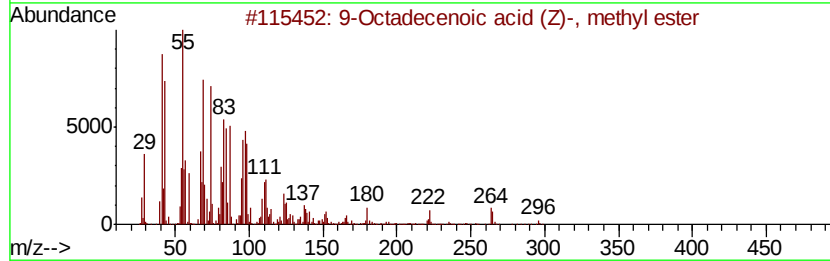
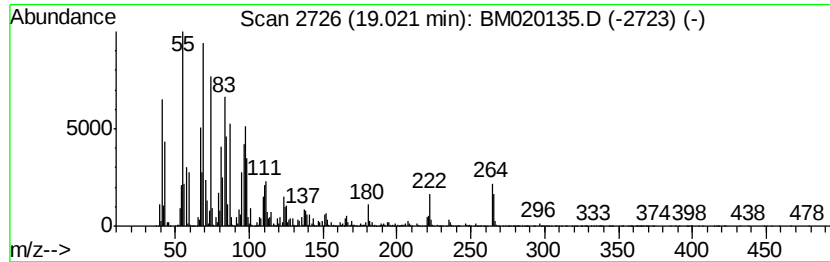
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	172.66 ng	16561200	Phenanthrene-d10	17.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
4		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
5		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020135.D
Acq On : 06 May 2019 14:48
Operator : JU/SJ
Sample : K2647-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-04-050219-A

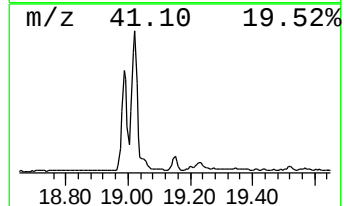
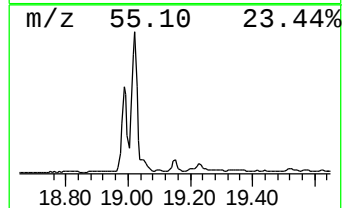
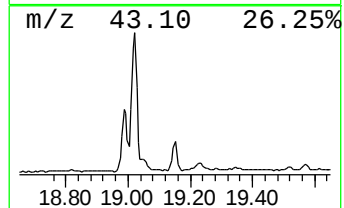
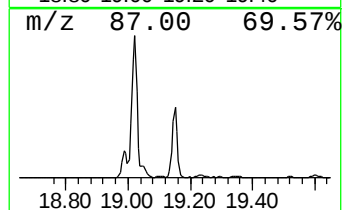
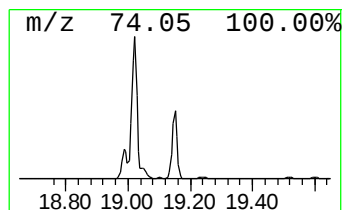
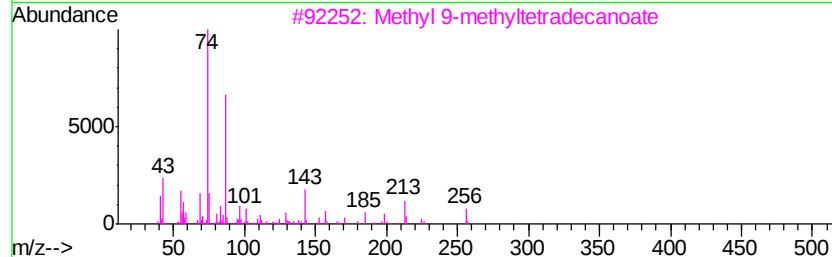
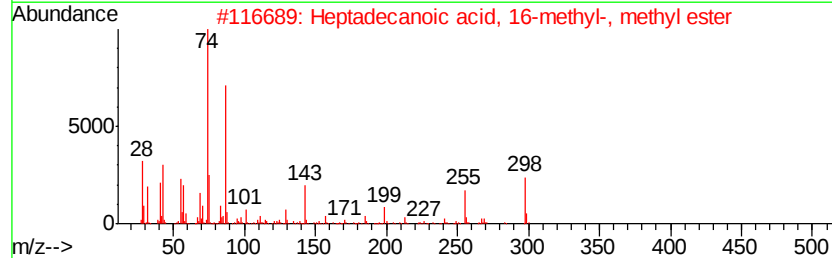
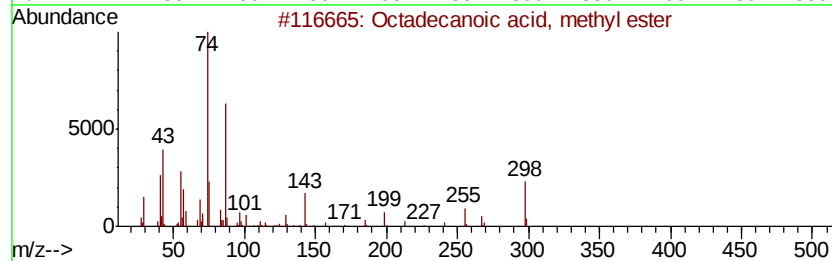
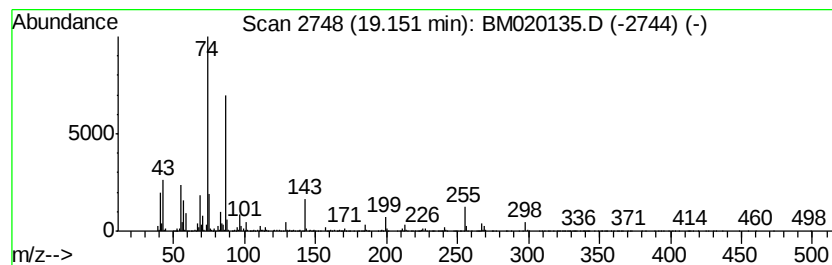
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	17.18 ng	1647590	Phenanthrene-d10	17.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, methyl ester	298	C19H38O2	000112-61-8	97
2		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
3		Methyl 9-methyltetradecanoate	256	C16H32O2	213617-69-7	87
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
5		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020135.D
Acq On : 06 May 2019 14:48
Operator : JU/SJ
Sample : K2647-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-04-050219-A

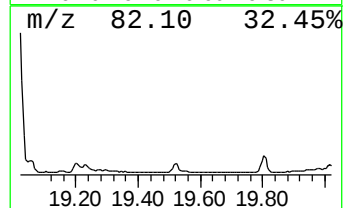
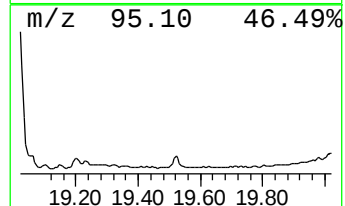
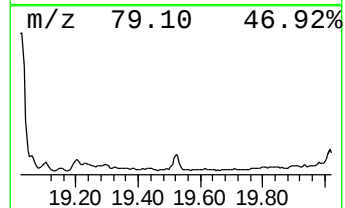
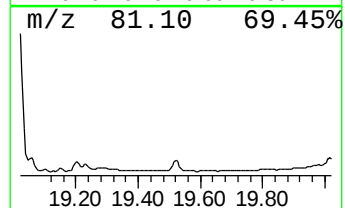
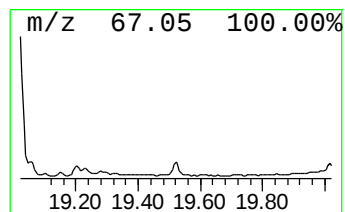
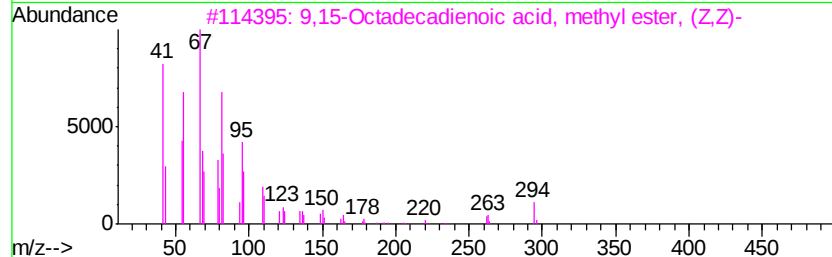
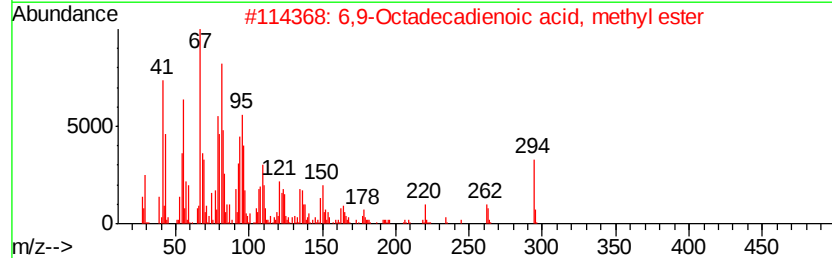
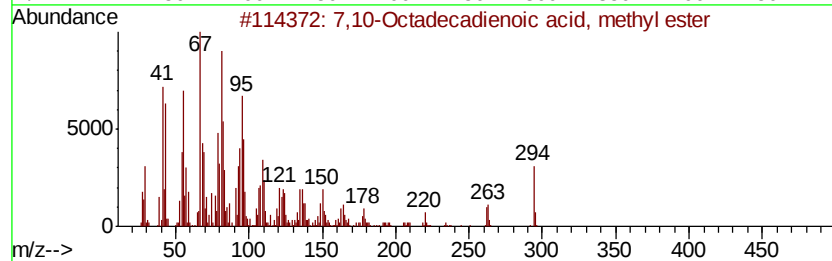
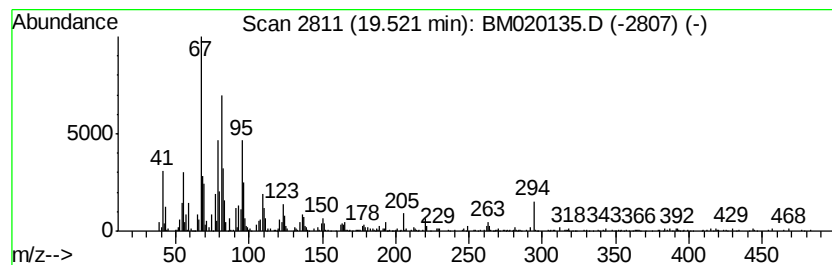
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 7,10-Octadecadienoic acid, ... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.52	5.62 ng	547974	Chrysene-d12	21.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7,10-Octadecadienoic acid, methy...	294	C19H34O2	056554-24-6	87
2			6,9-Octadecadienoic acid, methyl...	294	C19H34O2	056599-55-4	87
3			9,15-Octadecadienoic acid, methv...	294	C19H34O2	017309-05-6	80
4			9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	78
5			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050619\
 Data File : BM020135.D
 Acq On : 06 May 2019 14:48
 Operator : JU/SJ
 Sample : K2647-01 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-04-050219-A

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.32	7.32	48.3	ng	2042120	1	7.79	845447	20.0
Benzene, 1-ethyl-...	8.88	5.3	ng	226182	1	7.79	845447	20.0
Tridecane	11.99	5.9	ng	346272	2	10.58	1175150	20.0
Naphthalene, 2,3-...	13.59	5.5	ng	428170	3	14.43	1546580	20.0
Naphthalene, 1,3-...	13.75	11.6	ng	895901	3	14.43	1546580	20.0
Naphthalene, 1,6-...	13.80	5.3	ng	412042	3	14.43	1546580	20.0
3-(2-Methyl-prope...	14.64	7.2	ng	557722	3	14.43	1546580	20.0
Naphthalene, 1,4,...	14.82	7.0	ng	543053	3	14.43	1546580	20.0
Naphthalene, 2,3,...	15.05	6.1	ng	474263	3	14.43	1546580	20.0
Naphthalene, 1,6,...	15.22	5.1	ng	397016	3	14.43	1546580	20.0
Undecane, 2,8-dim...	15.27	5.3	ng	412796	3	14.43	1546580	20.0
Hexadecane, 7,9-d...	15.67	5.2	ng	402550	3	14.43	1546580	20.0
Heptadecane, 2,6,...	16.15	10.7	ng	1030290	4	17.18	1918350	20.0
Pentadecanoic aci...	17.84	42.4	ng	4068620	4	17.18	1918350	20.0
1H-Indene, 2-phenyl-	18.06	5.9	ng	565991	4	17.18	1918350	20.0
9,12-Octadecadien...	18.99	133.6	ng	12815000	4	17.18	1918350	20.0
9-Octadecenoic ac...	19.02	172.7	ng	16561200	4	17.18	1918350	20.0
Octadecanoic acid...	19.15	17.2	ng	1647590	4	17.18	1918350	20.0
7,10-Octadecadien...	19.52	5.6	ng	547974	5	21.36	1948770	20.0