

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114386.D
 Acq On : 18 May 2019 13:06
 Operator : JU/SJ
 Sample : K2894-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-SB-07

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_F\METHODS\8270-BF051019.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	3	8	25	rVB	4986849	7186364	14.20%	2.370%
2	5.469	572	575	598	rBV	2611925	3664411	7.24%	1.208%
3	6.481	743	747	765	rBV	2624216	2624485	5.18%	0.865%
4	6.610	765	769	780	rBV	4859467	5135806	10.14%	1.694%
5	6.834	804	807	815	rBV	1519656	1320309	2.61%	0.435%
6	6.992	830	834	845	rVB	4688732	4259745	8.41%	1.405%
7	7.398	898	903	911	rBV	3762836	3936674	7.78%	1.298%
8	8.116	1021	1025	1031	rVB	1945479	1667195	3.29%	0.550%
9	8.692	1117	1123	1126	rBV	744010	1312983	2.59%	0.433%
10	8.733	1126	1130	1145	rVB	967929	2072560	4.09%	0.683%
11	9.051	1168	1184	1188	rBV3	1221188	3218791	6.36%	1.061%
12	9.104	1188	1193	1195	rVV	1535852	2227308	4.40%	0.735%
13	9.133	1195	1198	1203	rVV	1389170	1904620	3.76%	0.628%
14	9.192	1203	1208	1211	rVB	5904884	6139501	12.13%	2.025%
15	9.498	1256	1260	1269	rVB	2618929	2264674	4.47%	0.747%
16	9.869	1319	1323	1330	rVB	1998751	1819409	3.59%	0.600%
17	9.992	1336	1344	1353	rBV	1709383	2791276	5.51%	0.920%
18	10.274	1387	1392	1398	rBV	280035	786620	1.55%	0.259%
19	10.627	1448	1452	1454	rBV	1189424	1043552	2.06%	0.344%
20	10.663	1454	1458	1460	rBV	2773790	2870092	5.67%	0.946%
21	10.992	1511	1514	1518	rBV	678161	688162	1.36%	0.227%
22	11.180	1543	1546	1553	rVV	829518	1101480	2.18%	0.363%
23	11.239	1553	1556	1564	rVB	790143	1126697	2.23%	0.372%
24	11.351	1572	1575	1579	rBV	1969843	1948597	3.85%	0.643%
25	11.957	1659	1678	1681	rBV	12598690	50624924	100.00%	16.695%
26	12.592	1778	1786	1789	rBV	2227009	5322196	10.51%	1.755%
27	12.727	1795	1809	1816	rBV	12129415	40486881	79.97%	13.351%
28	12.786	1817	1819	1824	rVB2	686902	833884	1.65%	0.275%
29	12.945	1841	1846	1849	rBV	5607528	5953892	11.76%	1.963%
30	13.151	1878	1881	1886	rVB	722535	705590	1.39%	0.233%
31	13.315	1904	1909	1912	rBV	3560843	3614527	7.14%	1.192%
32	13.398	1918	1923	1930	rVV4	362261	779244	1.54%	0.257%
33	13.492	1934	1939	1948	rVB2	2484741	2775786	5.48%	0.915%
34	13.768	1982	1986	1990	rBV	422342	537022	1.06%	0.177%

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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

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.821	1990	1995	1997	rVV2	4384725	4973939	9.83%	1.640%
36	13.845	1997	1999	2005	rVB	2627078	2544472	5.03%	0.839%
37	13.951	2014	2017	2021	rBV	1066403	1120732	2.21%	0.370%
38	13.998	2021	2025	2028	rBV	1545305	1493490	2.95%	0.493%
39	14.145	2044	2050	2062	rVB	7198280	9778011	19.31%	3.225%
40	14.462	2097	2104	2107	rBV	9919581	14027366	27.71%	4.626%
41	14.768	2147	2156	2161	rBV	10934202	18409453	36.36%	6.071%
42	15.104	2205	2213	2221	rBV	10430192	18364215	36.28%	6.056%
43	15.315	2245	2249	2255	rBV	652181	1110073	2.19%	0.366%
44	15.486	2268	2278	2286	rBV2	9778202	19693228	38.90%	6.494%
45	15.721	2313	2318	2323	rVV	684781	1012960	2.00%	0.334%
46	15.774	2323	2327	2335	rVB	367494	563738	1.11%	0.186%
47	15.909	2341	2350	2358	rBV	8173249	16236527	32.07%	5.354%
48	16.192	2391	2398	2401	rBV	460548	1019103	2.01%	0.336%
49	16.398	2424	2433	2448	rVB	5225642	11028037	21.78%	3.637%
50	16.968	2522	2530	2539	rVB	1949466	4188056	8.27%	1.381%
51	17.498	2614	2620	2634	rVB6	251977	886156	1.75%	0.292%
52	17.650	2639	2646	2659	rVB	571581	1470685	2.91%	0.485%
53	18.462	2779	2784	2798	rVB3	179825	574036	1.13%	0.189%

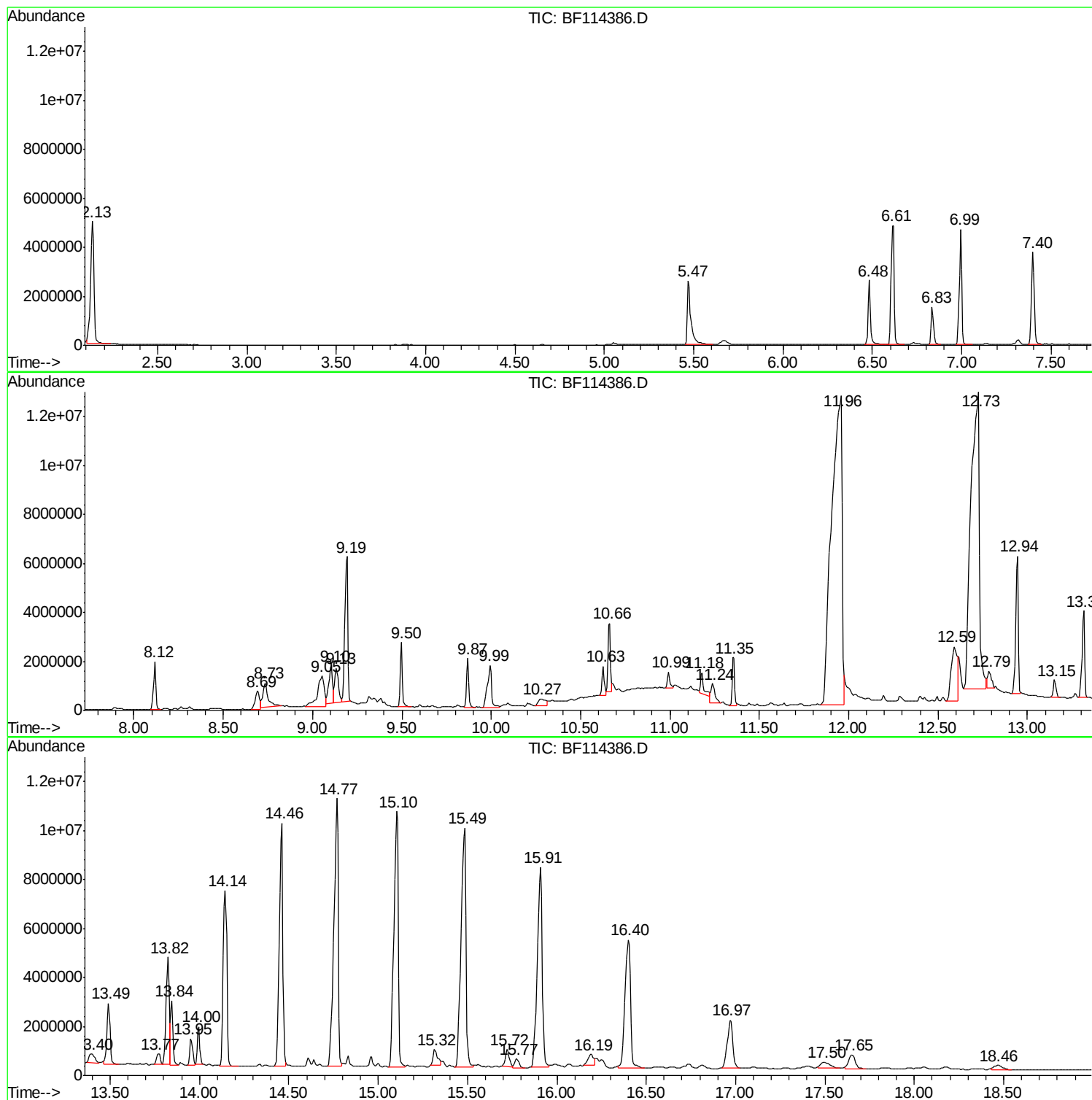
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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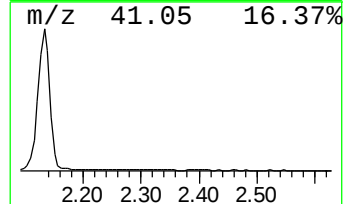
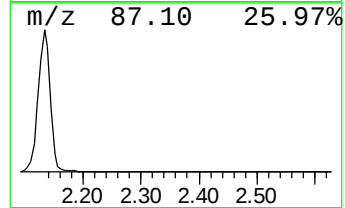
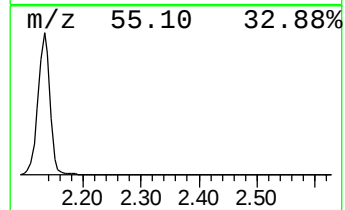
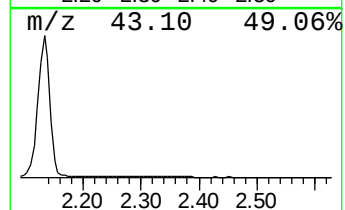
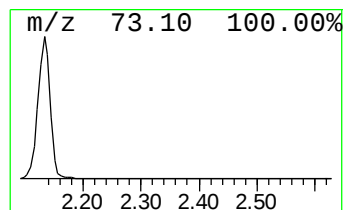
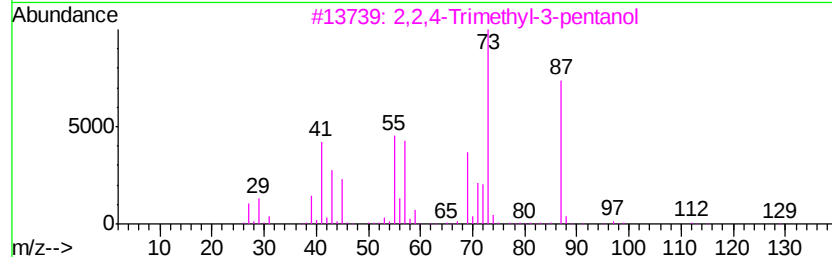
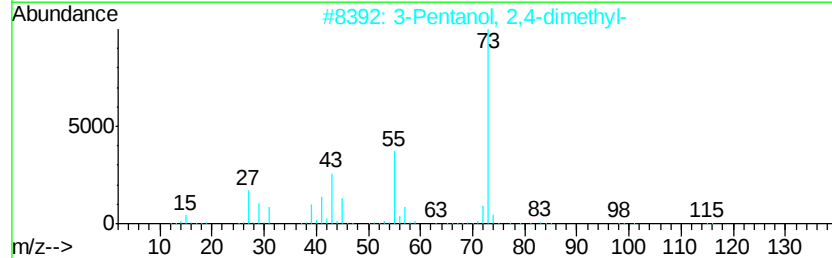
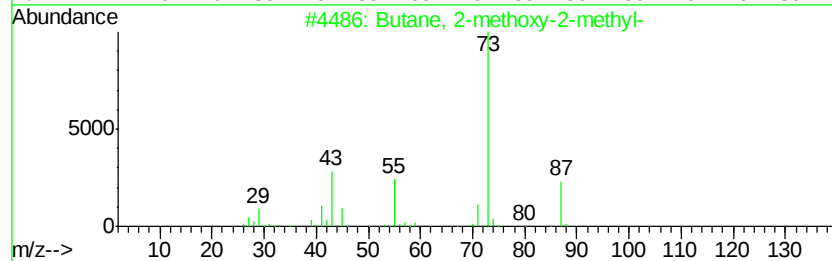
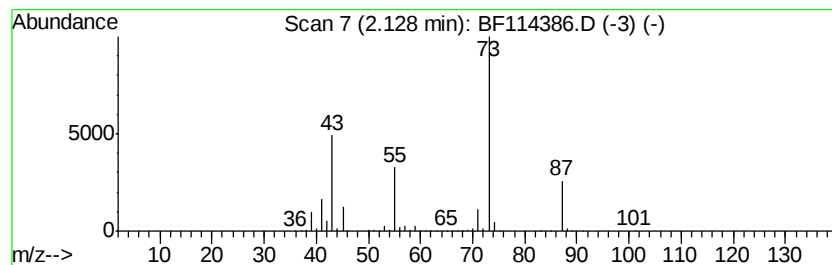
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	108.86 ng	7186360	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23



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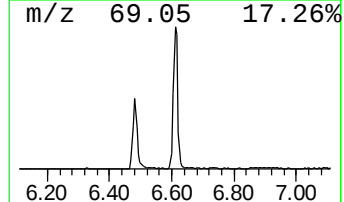
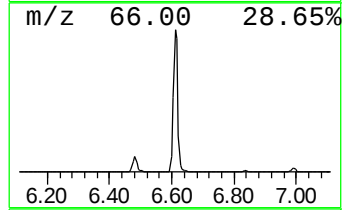
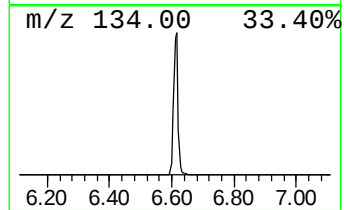
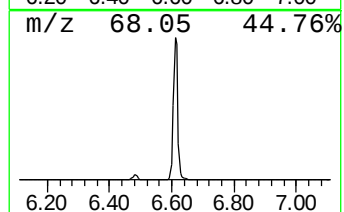
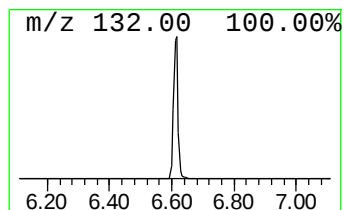
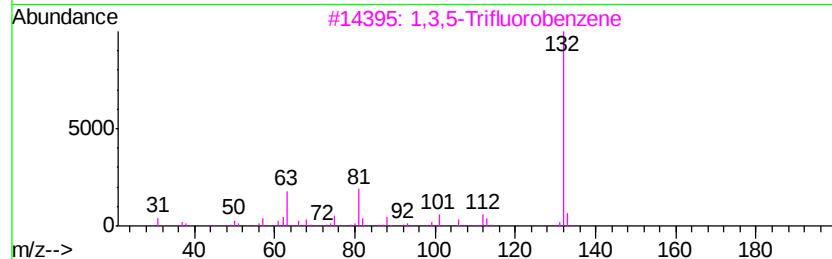
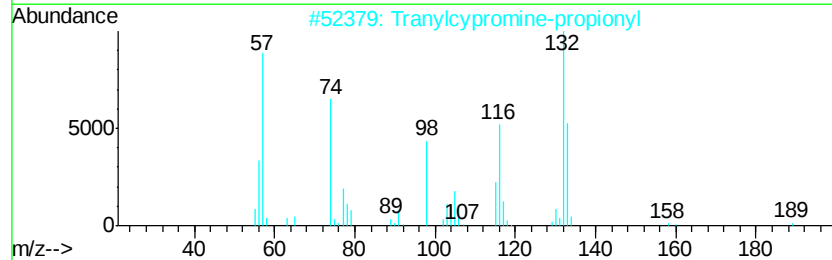
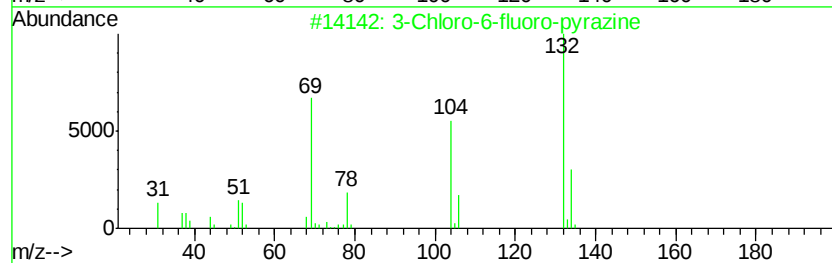
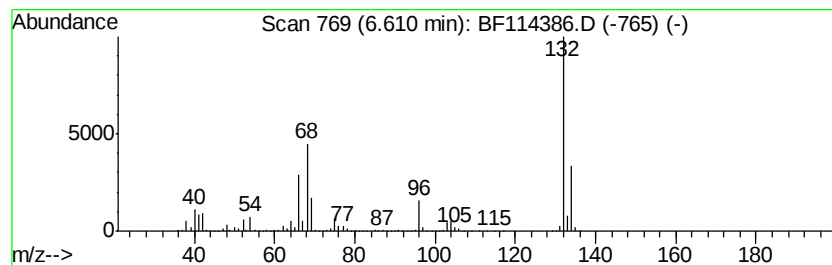
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.61 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	77.80 ng	5135810	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4		Xenon	132	Xe	007440-63-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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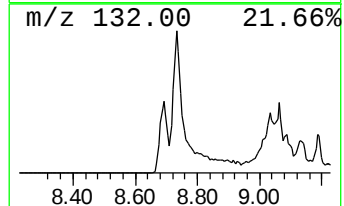
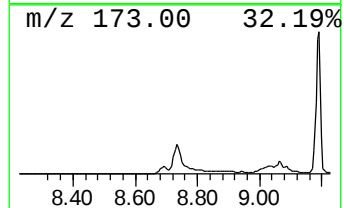
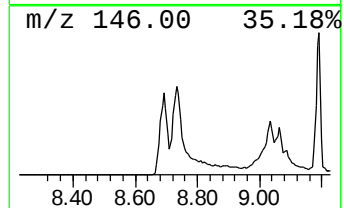
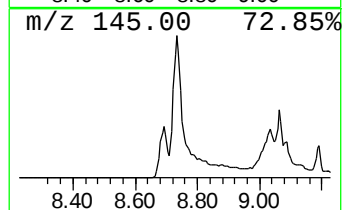
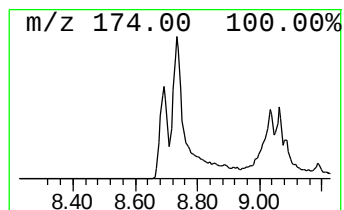
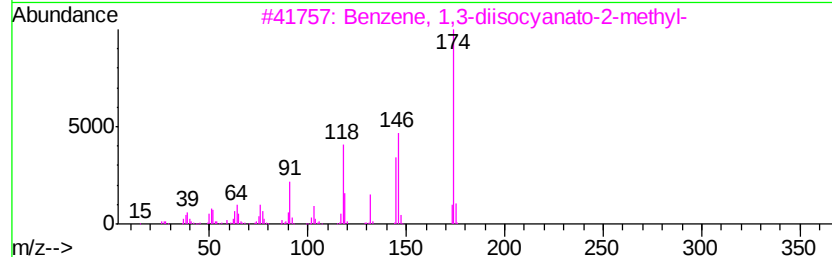
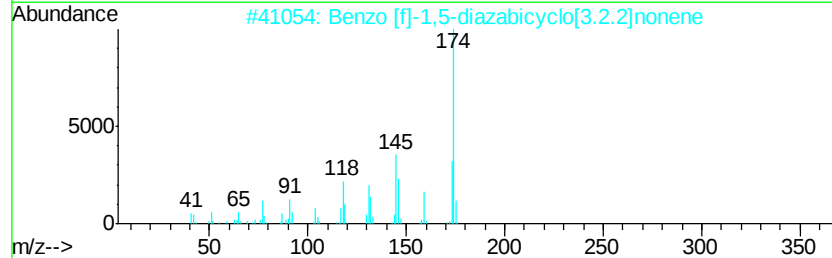
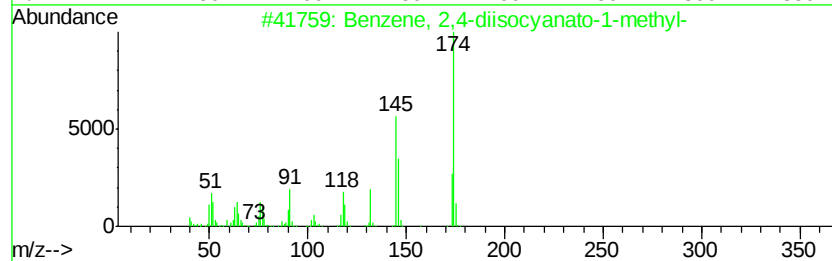
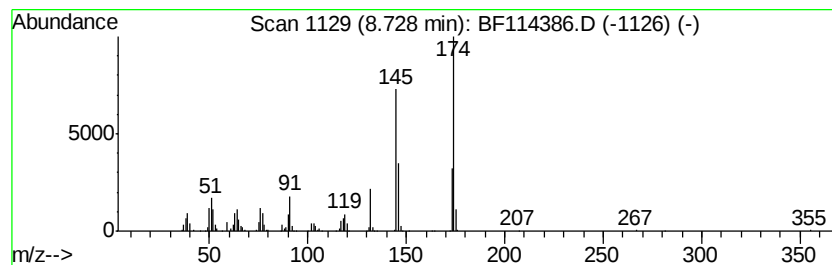
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 2,4-diisocyanato-1... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	24.86 ng	2072560	Naphthalene-d8	8.12

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2,4-diisocyanato-1-methyl-	174	C9H6N2O2	000584-84-9	93
2		Benzo [f]-1,5-diazabicyclo[3.2.2]nonene	174	C11H14N2	007092-76-4	87
3		Benzene, 1,3-diisocyanato-2-methyl-	174	C9H6N2O2	000091-08-7	68
4		3-Ethyl-1,2-dihydro-2-oxoquinoxaline	174	C10H10N2O	013297-35-3	58
5		7-Amino-4-methyl-2-quinolinol	174	C10H10N2O	019840-99-4	53



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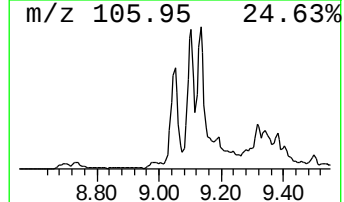
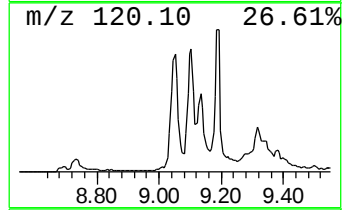
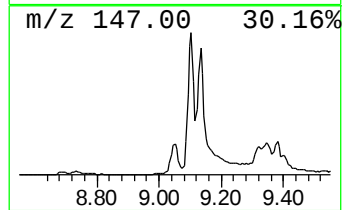
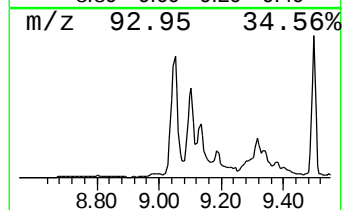
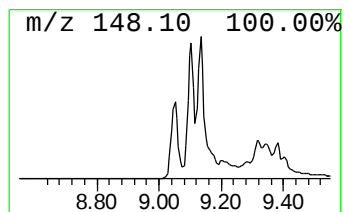
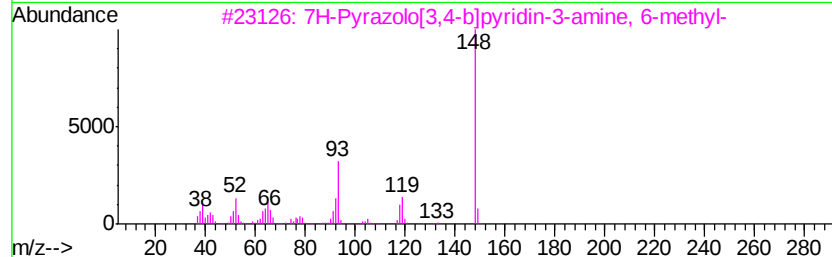
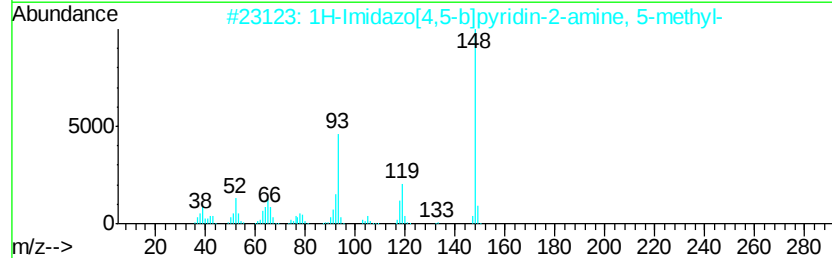
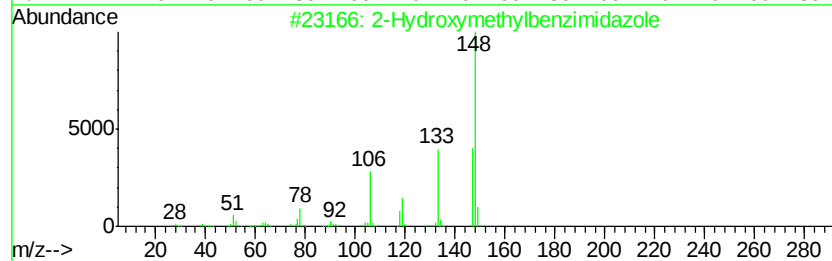
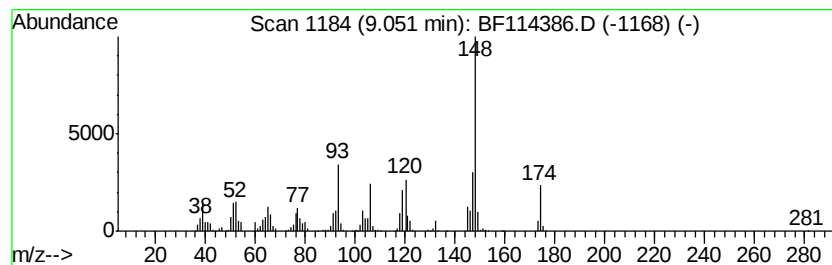
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2-Hydroxymethylbenzimidazole Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	35.38 ng	3218790	Acenaphthene-d10	9.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Hydroxymethylbenzimidazole	148	C8H8N2O	022128-99-0	58
2		1H-Imidazo[4,5-b]pyridin-2-amine...	148	C7H8N4	1000351-72-5	55
3		7H-Pyrazolo[3,4-b]pyridin-3-amin...	148	C7H8N4	1000362-41-7	50
4		2-Methyl-5-aminobenzoxazole	148	C8H8N2O	005676-60-8	47
5		Bicyclo[4.2.0]octa-1,3,5-triene...	148	C9H8O2	014381-41-0	47



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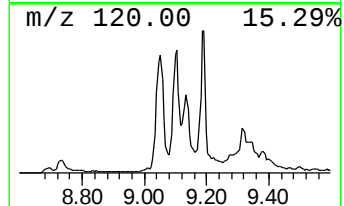
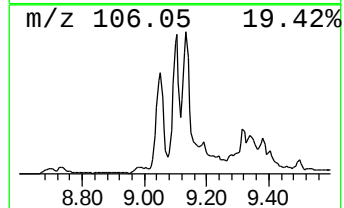
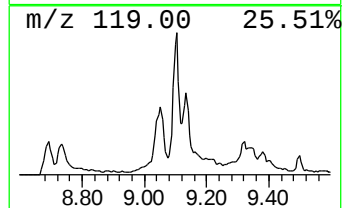
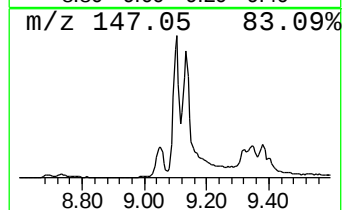
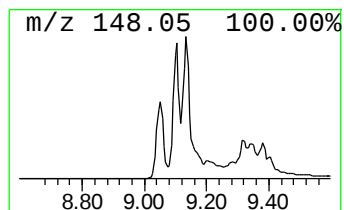
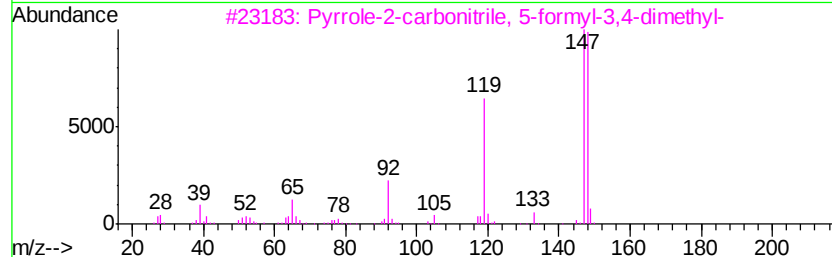
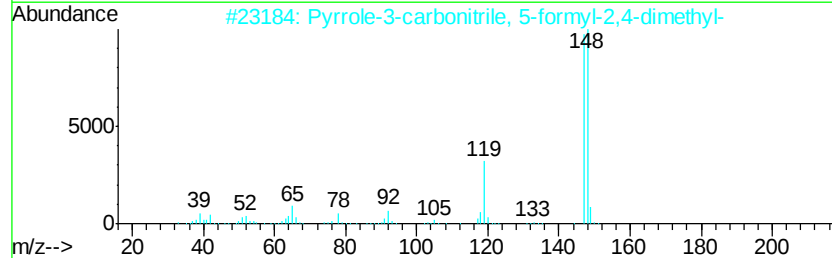
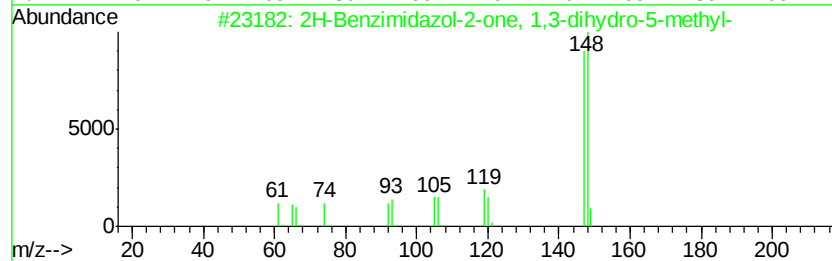
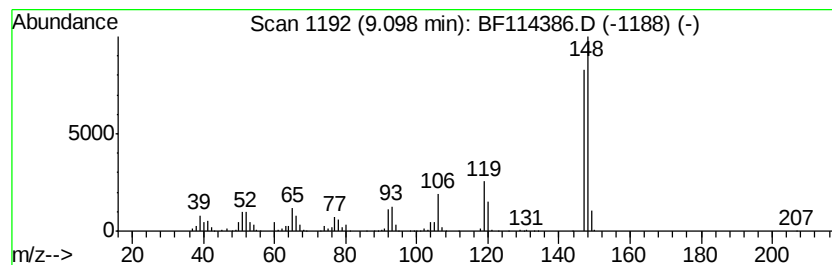
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2H-Benzimidazol-2-one, 1,3-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	24.48 ng	2227310	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2H-Benzimidazol-2-one, 1,3-dihyd...	148	C8H8N2O	005400-75-9	90
2		Pyrrole-3-carbonitrile, 5-formyl...	148	C8H8N2O	032487-71-1	83
3		Pyrrole-2-carbonitrile, 5-formyl...	148	C8H8N2O	026187-38-2	80
4		1,4-Benzenedicarboxaldehyde, 2-m...	148	C9H8O2	027587-17-3	64
5		2-Propenoic acid, 3-phenyl-	148	C9H8O2	000621-82-9	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114386.D
Acq On : 18 May 2019 13:06
Operator : JU/SJ
Sample : K2894-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TWP-SB-07

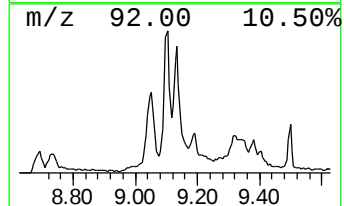
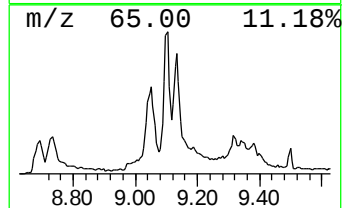
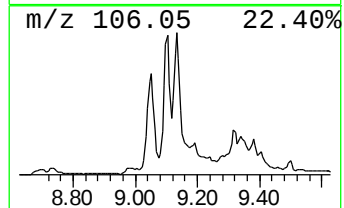
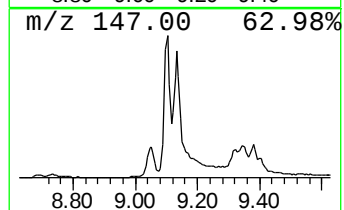
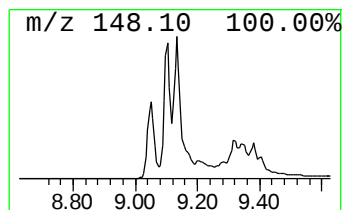
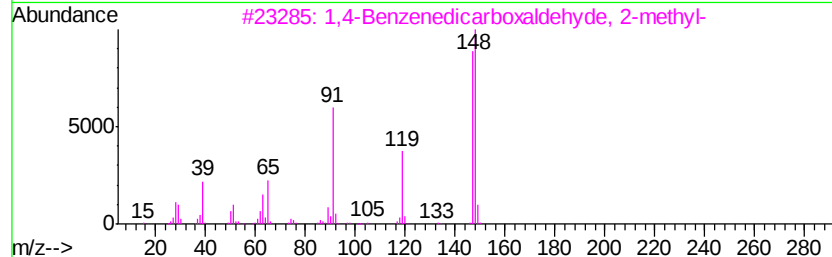
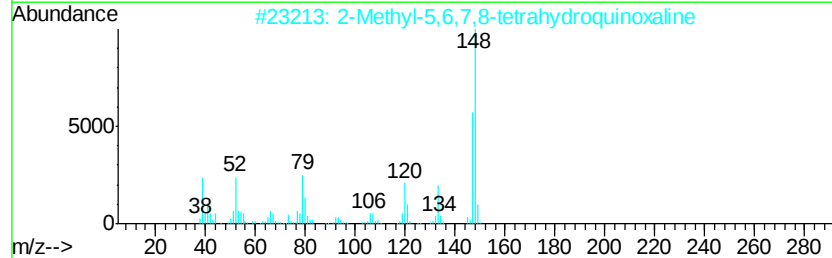
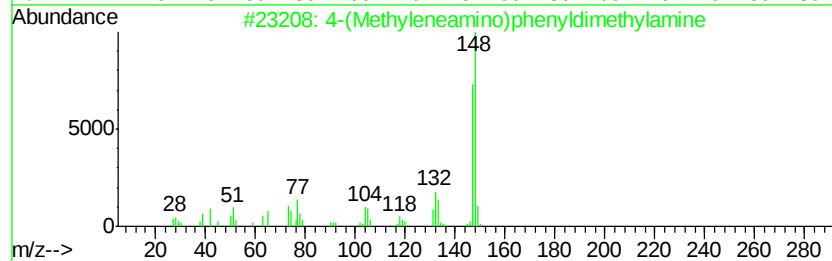
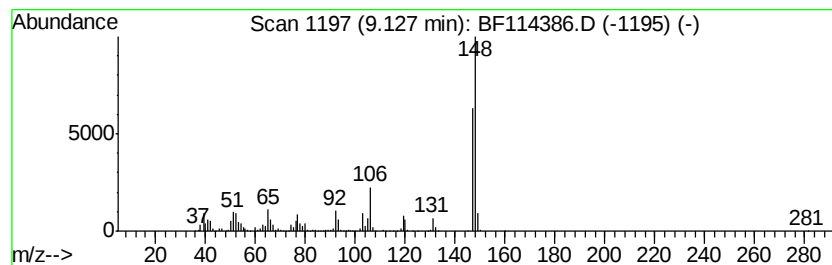
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4-(Methyleneamino)phenyldim... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	20.94 ng	1904620	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-(Methyleneamino)phenyldimethyl...	148	C9H12N2	147354-14-1	72
2		2-Methyl-5,6,7,8-tetrahydroquino...	148	C9H12N2	038917-65-6	64
3		1,4-Benzenedicarboxaldehyde, 2-m...	148	C9H8O2	027587-17-3	64
4		3H-Indazol-3-one, 1,2-dihydro-2-...	148	C8H8N2O	001848-40-4	53
5		Indole-2-one, 2,3-dihydro-6-amino-	148	C8H8N2O	150544-04-0	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114386.D
 Acq On : 18 May 2019 13:06
 Operator : JU/SJ
 Sample : K2894-11
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 ALS Vial : 8 Sample Multiplier: 1

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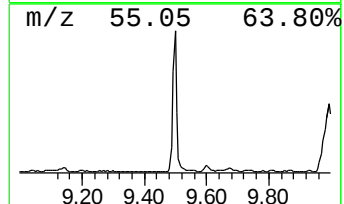
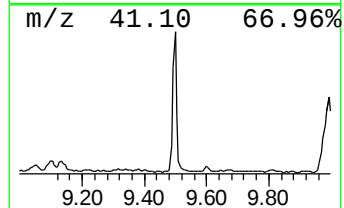
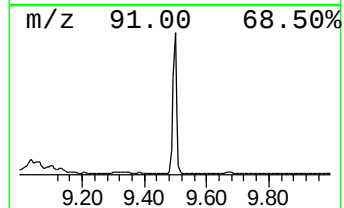
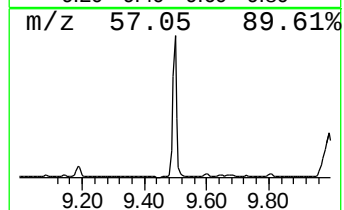
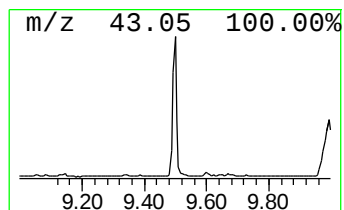
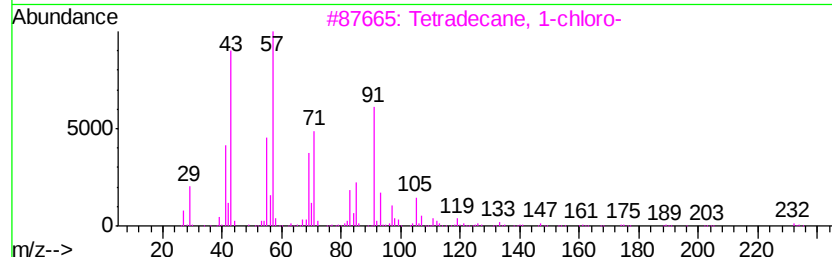
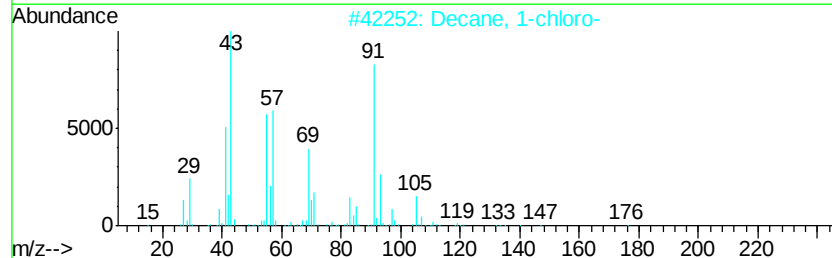
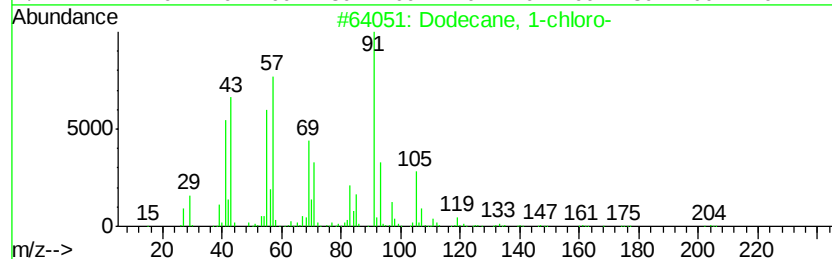
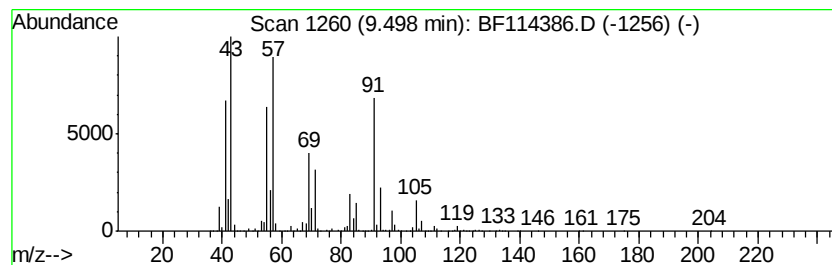
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Dodecane, 1-chloro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	24.89 ng	2264670	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 1-chloro-	204	C12H25Cl	000112-52-7	90
2		Decane, 1-chloro-	176	C10H21Cl	001002-69-3	80
3		Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	53
4		Nonane, 1-chloro-	162	C9H19Cl	002473-01-0	53
5		1-Chloroundecane	190	C11H23Cl	002473-03-2	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114386.D
Acq On : 18 May 2019 13:06
Operator : JU/SJ
Sample : K2894-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

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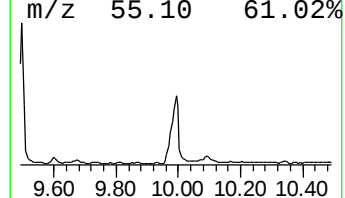
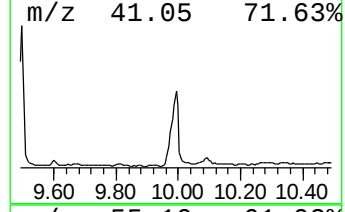
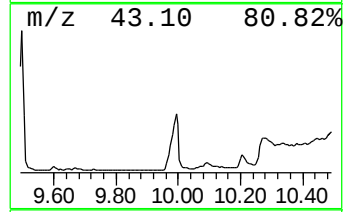
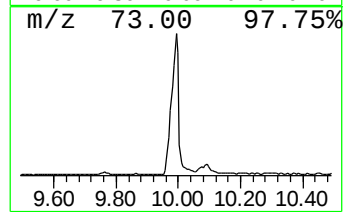
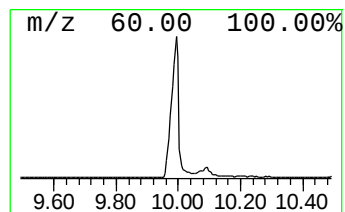
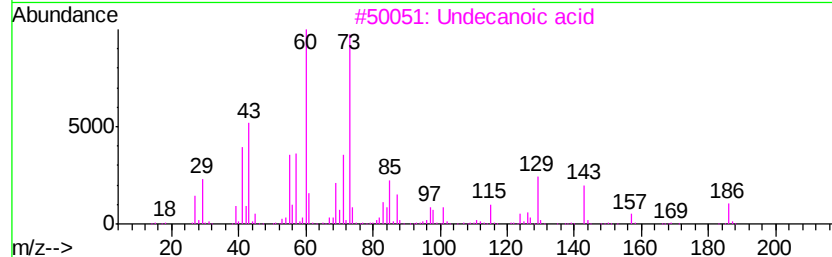
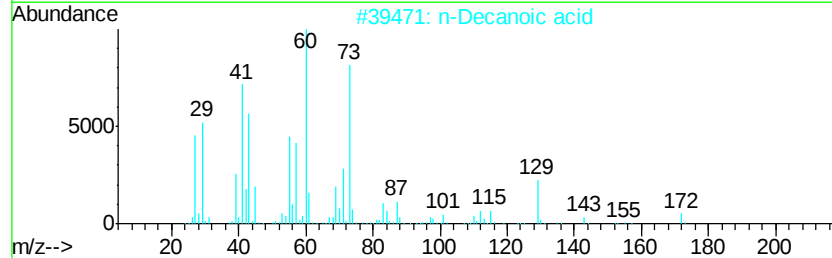
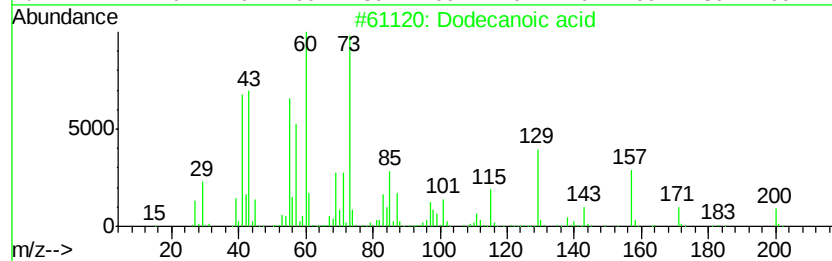
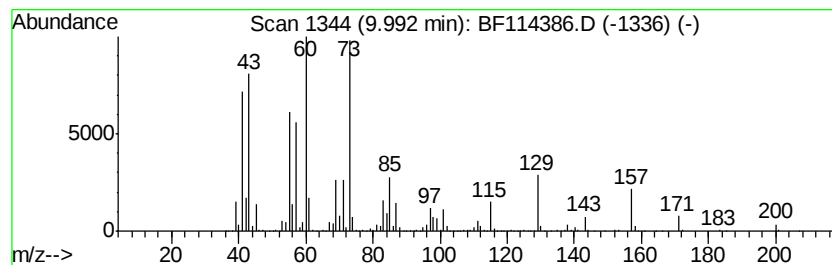
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	30.68 ng	2791280	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecanoic acid	200	C12H24O2	000143-07-7	98
2		n-Decanoic acid	172	C10H20O2	000334-48-5	81
3		Undecanoic acid	186	C11H22O2	000112-37-8	72
4		Nonanoic acid	158	C9H18O2	000112-05-0	53
5		Hexanoic acid	116	C6H12O2	000142-62-1	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114386.D
Acq On : 18 May 2019 13:06
Operator : JU/SJ
Sample : K2894-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

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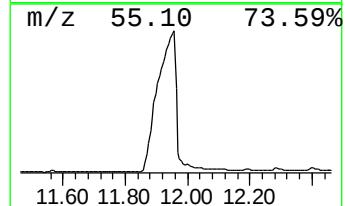
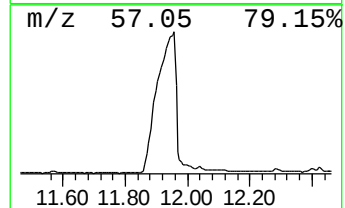
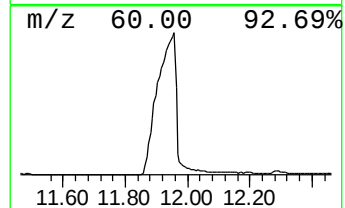
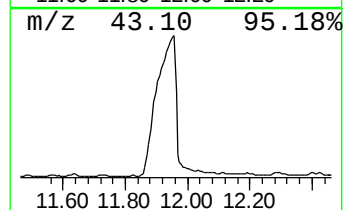
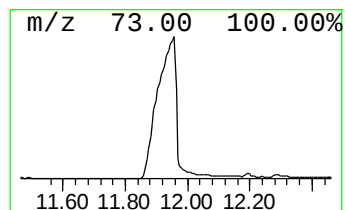
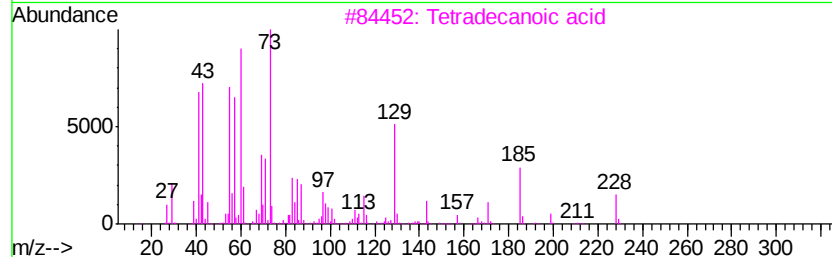
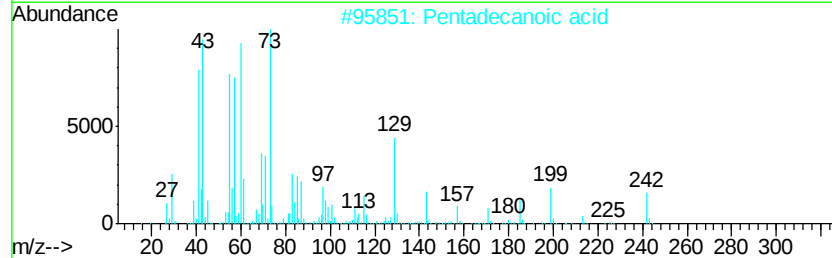
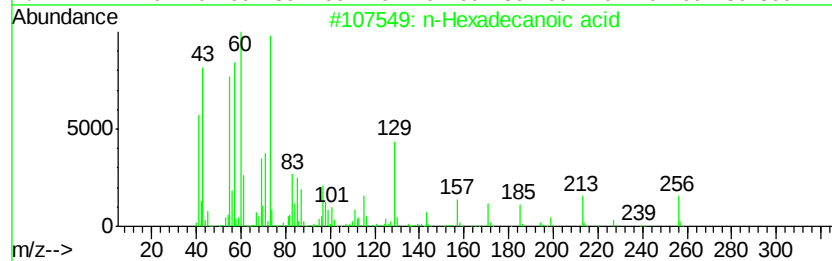
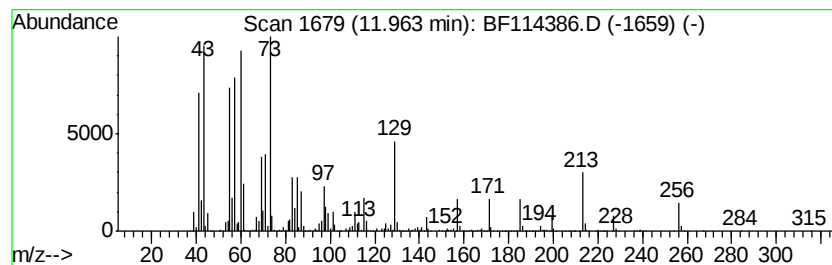
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	519.60 ng	50624900	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		Undecanoic acid	186	C11H22O2	000112-37-8	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114386.D
Acq On : 18 May 2019 13:06
Operator : JU/SJ
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TWP-SB-07

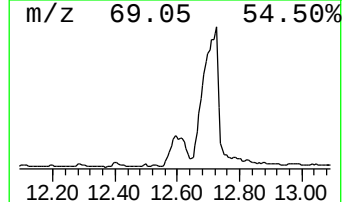
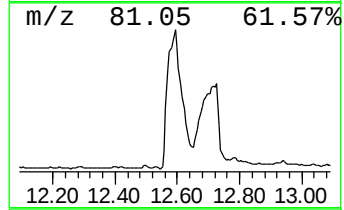
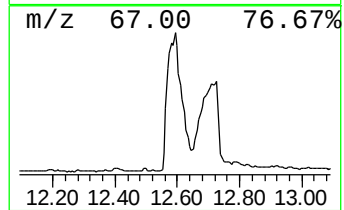
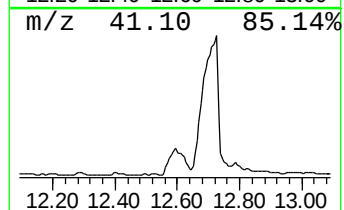
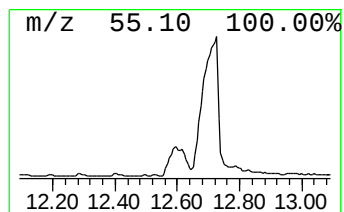
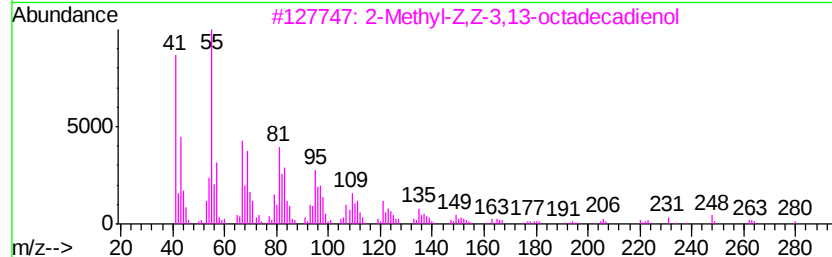
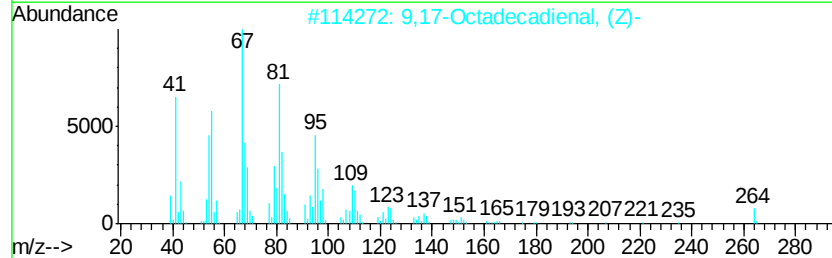
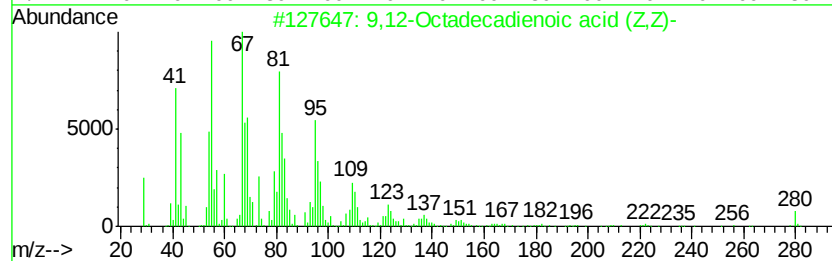
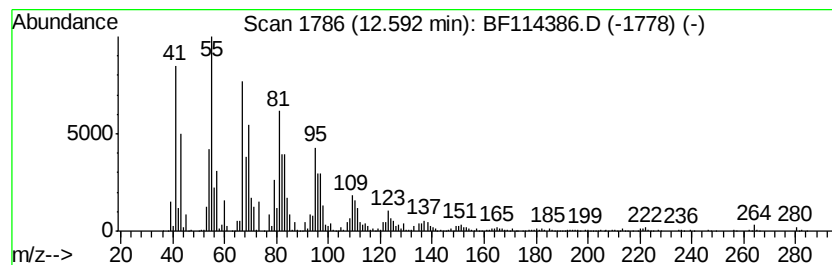
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 9,12-Octadecadienoic acid (... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	54.63 ng	5322200	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	98
2		9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	92
3		2-Methyl-Z,Z-3,13-octadecadienol	280	C19H36O	1000130-90-5	91
4		7-Tetradecyne	194	C14H26	035216-11-6	86
5		1-Hexadecyne	222	C16H30	000629-74-3	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
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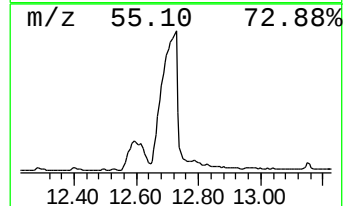
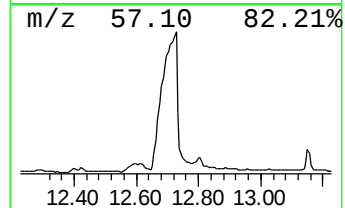
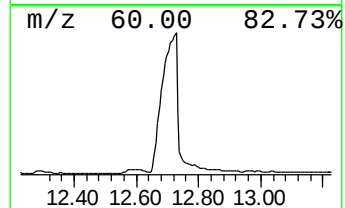
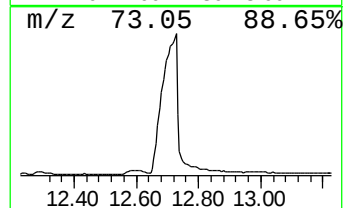
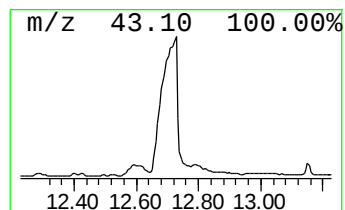
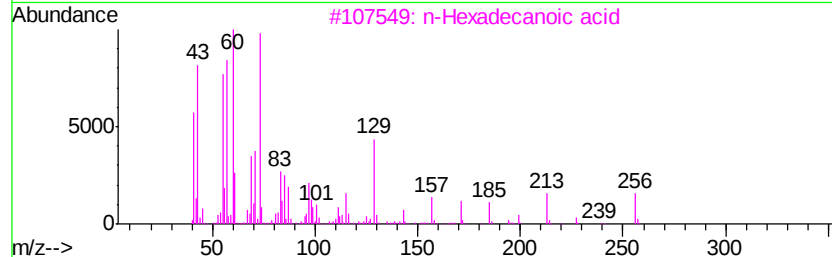
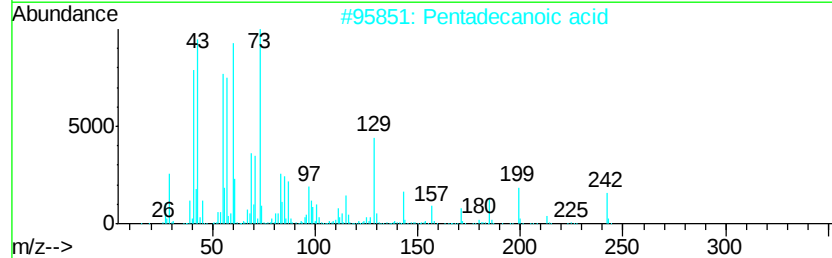
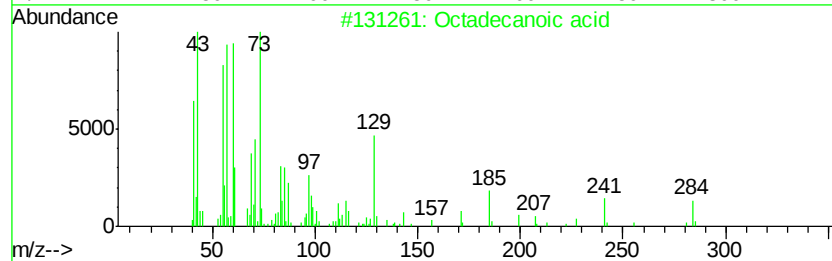
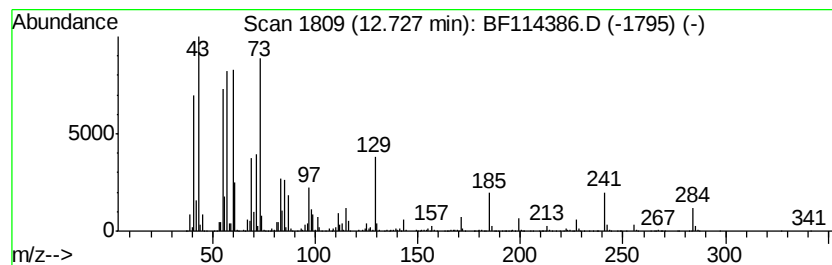
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	542.18 ng	40486900	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5		n-Decanoic acid	172	C10H20O2	000334-48-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114386.D
Acq On : 18 May 2019 13:06
Operator : JU/SJ
Sample : K2894-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TWP-SB-07

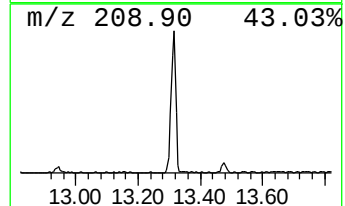
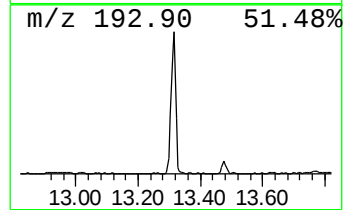
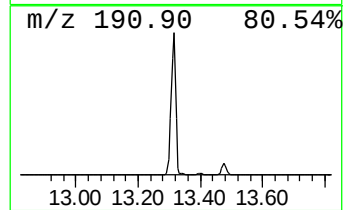
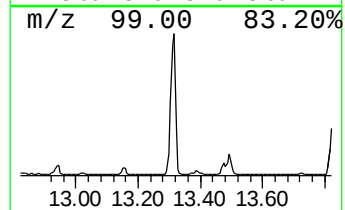
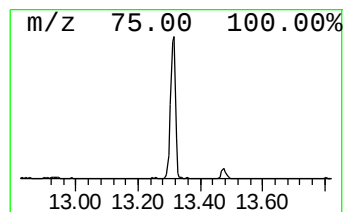
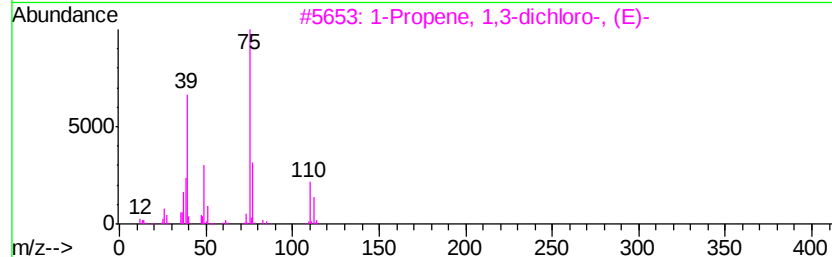
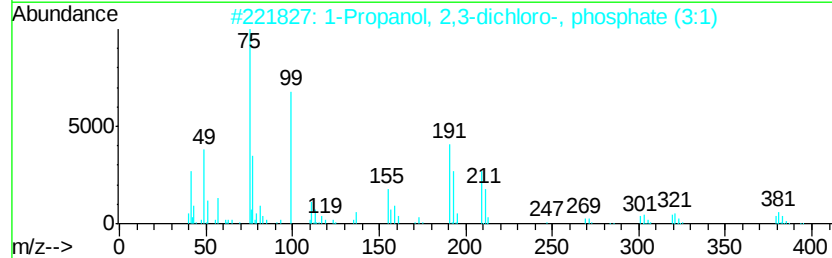
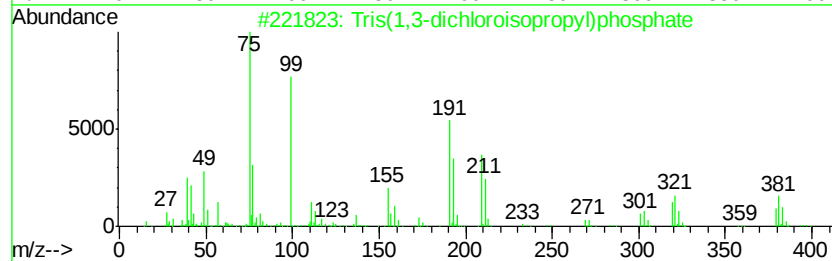
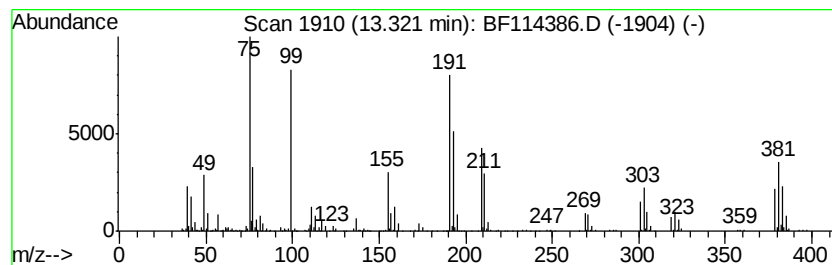
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tris(1,3-dichloroisopropyl)... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	48.40 ng	3614530	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tris(1,3-dichloroisopropyl)phosp...	428	C9H15Cl6O4P	013674-87-8	94
2		1-Propanol, 2,3-dichloro-, phosp...	428	C9H15Cl6O4P	000078-43-3	83
3		1-Propene, 1,3-dichloro-, (E)-	110	C3H4Cl2	010061-02-6	35
4		Propane, 2,2'-oxybis[1,3-dichloro-	238	C6H10Cl4O	059440-89-0	23
5		Methane, tribromofluoro-	268	CBBr3F	000353-54-8	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114386.D
Acq On : 18 May 2019 13:06
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Sample : K2894-11
Misc :
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ClientSampleId :
TWP-SB-07

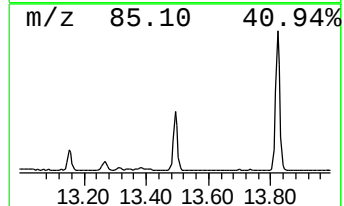
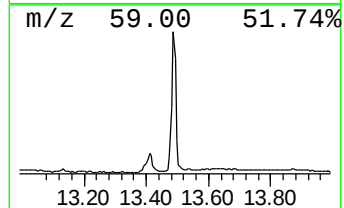
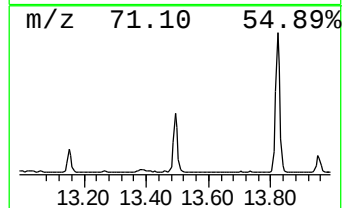
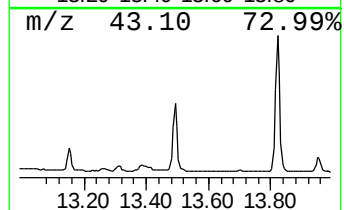
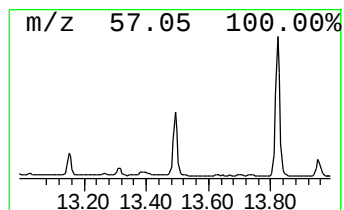
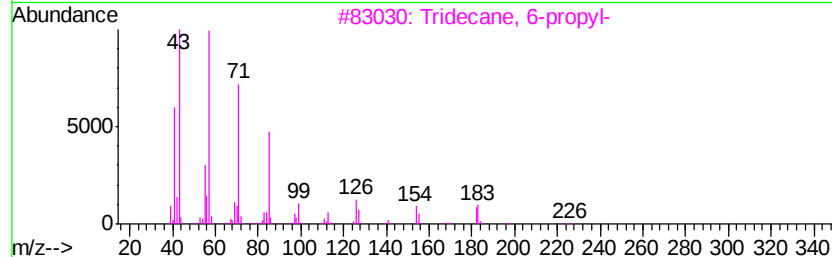
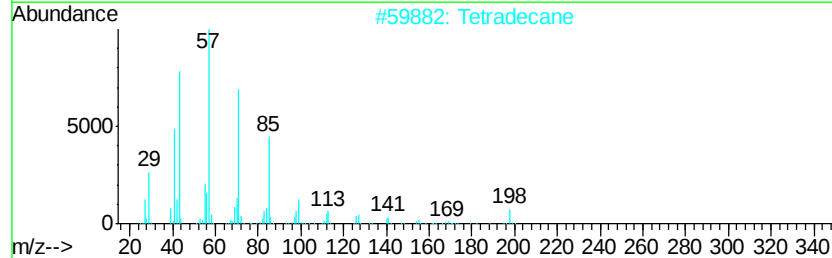
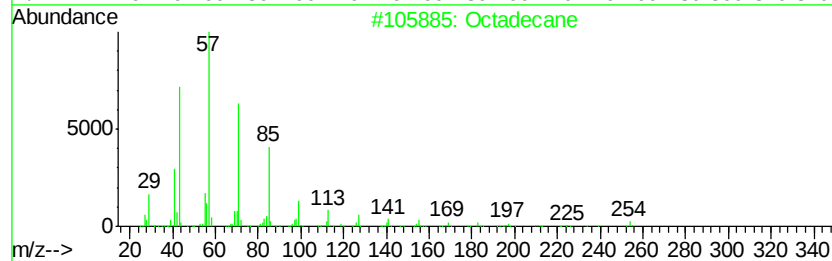
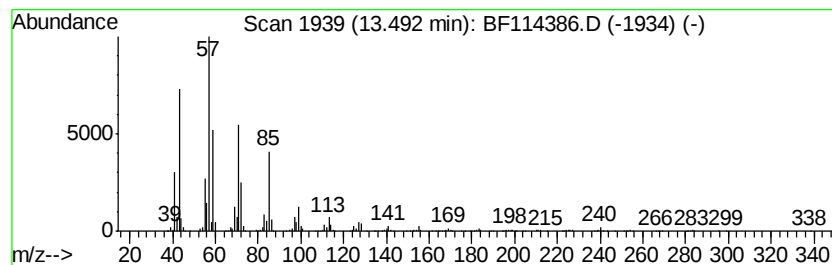
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	37.17 ng	2775790	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	89
2	Tetradecane		198	C14H30	000629-59-4	78
3	Tridecane, 6-propyl-		226	C16H34	055045-10-8	78
4	Heptadecane		240	C17H36	000629-78-7	70
5	Heptacosane		380	C27H56	000593-49-7	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114386.D
Acq On : 18 May 2019 13:06
Operator : JU/SJ
Sample : K2894-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :
TWP-SB-07

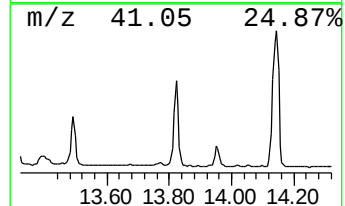
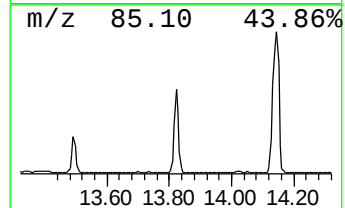
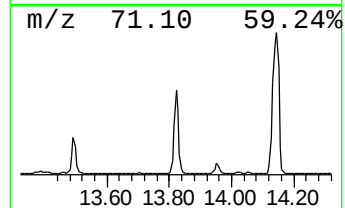
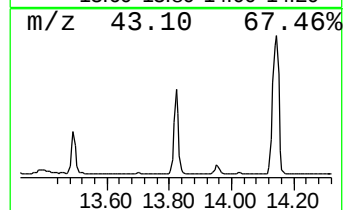
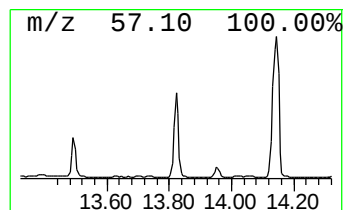
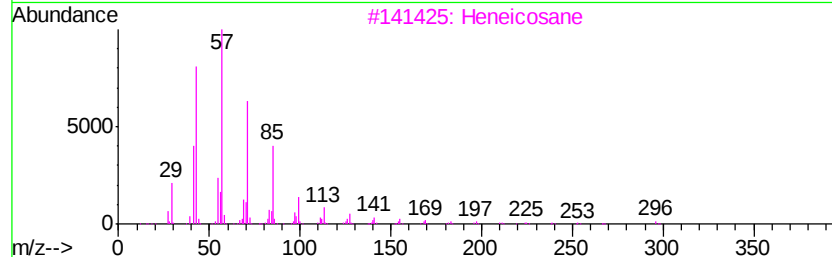
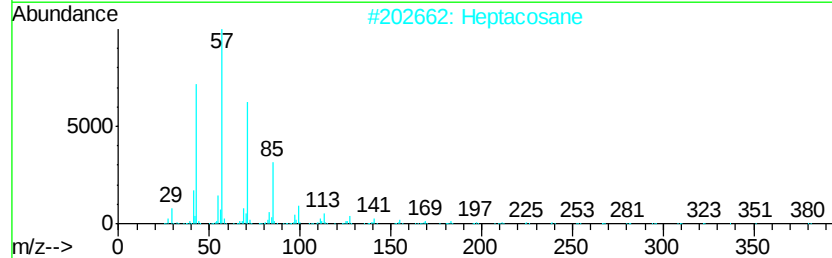
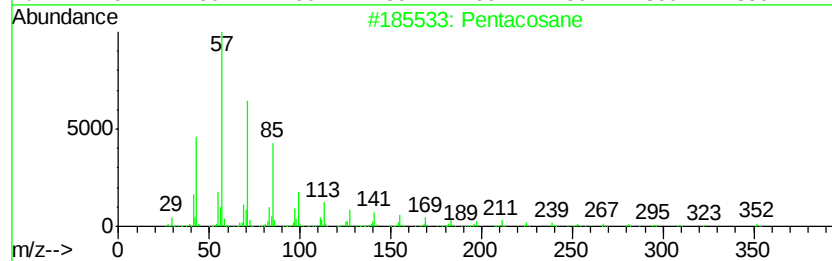
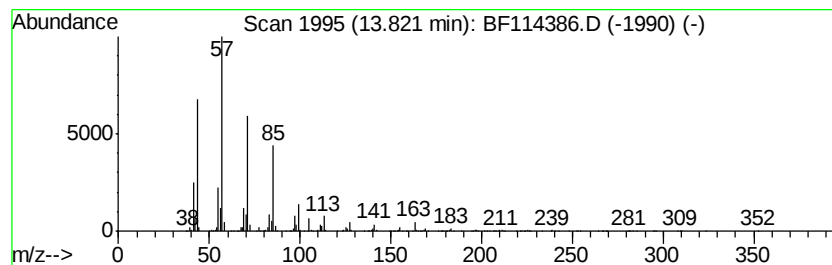
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown13.82 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	66.61 ng	4973940	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	93
2		Heptacosane	380	C27H56	000593-49-7	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114386.D
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Operator : JU/SJ
Sample : K2894-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

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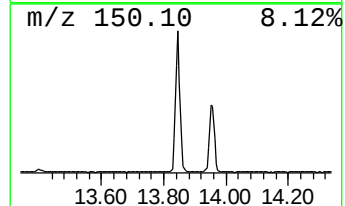
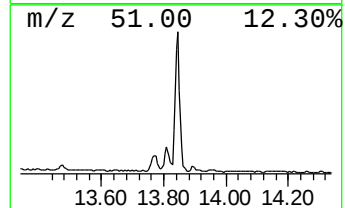
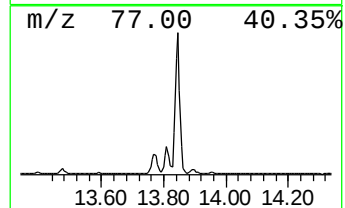
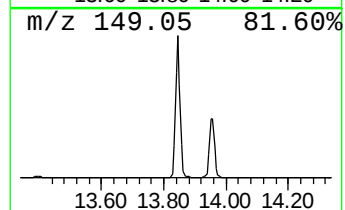
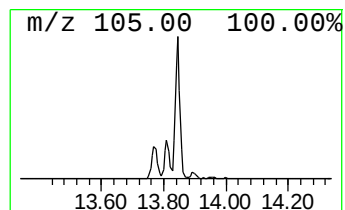
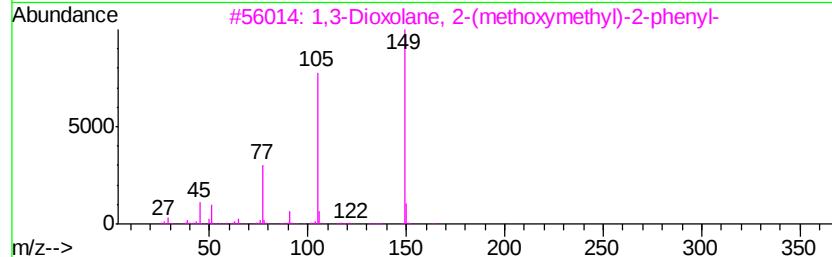
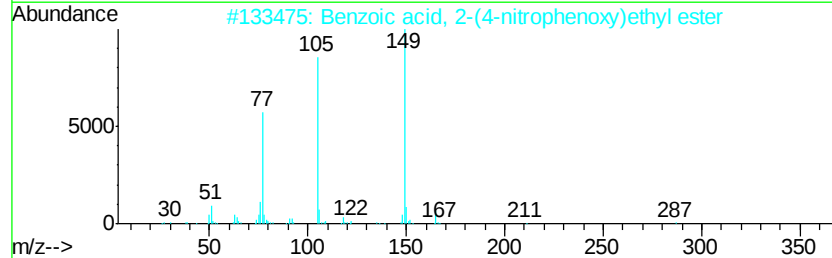
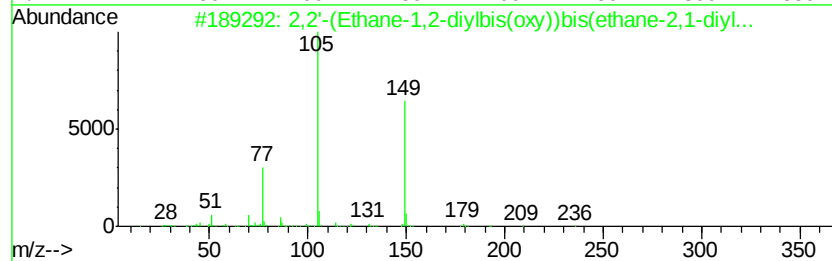
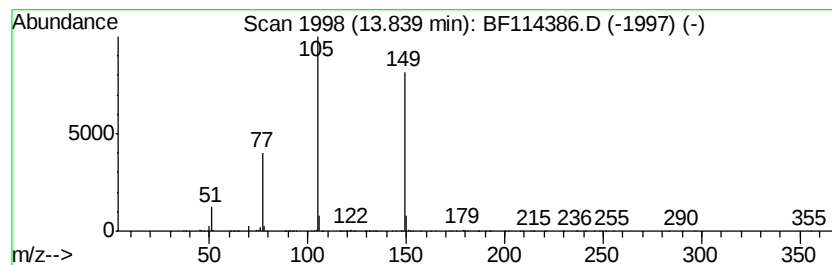
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 2,2'-(Ethane-1,2-diylbis(ox... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	34.07 ng	2544470	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	83
2		Benzoic acid, 2-(4-nitrophenoxy)...	287	C15H13NO5	1000368-92-7	78
3		1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	74
4		2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	52
5		Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114386.D
Acq On : 18 May 2019 13:06
Operator : JU/SJ
Sample : K2894-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

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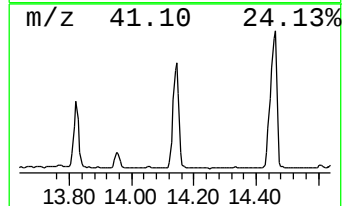
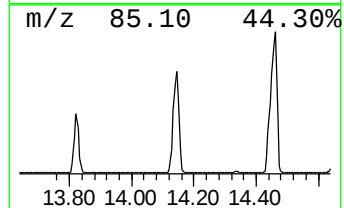
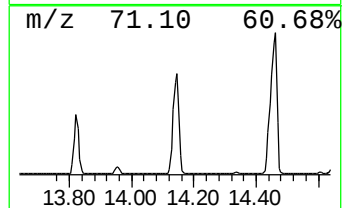
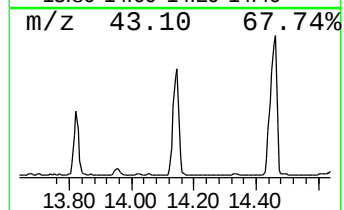
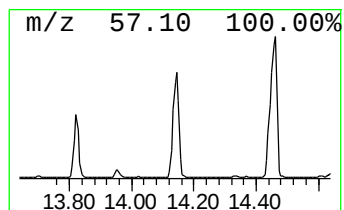
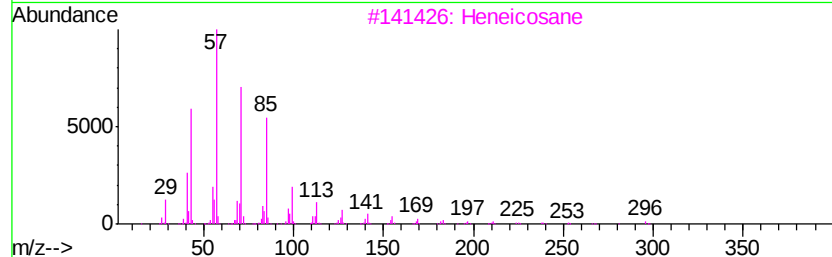
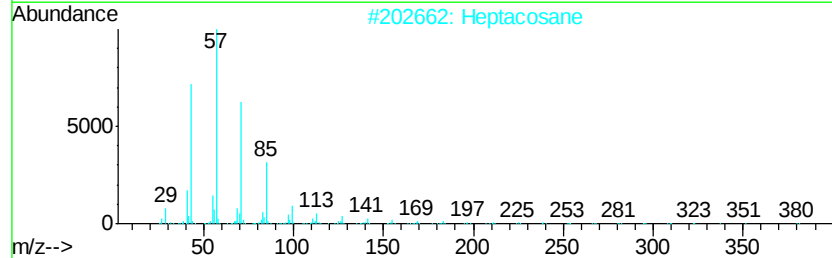
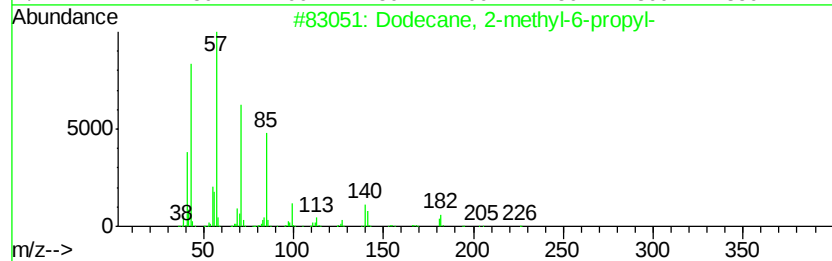
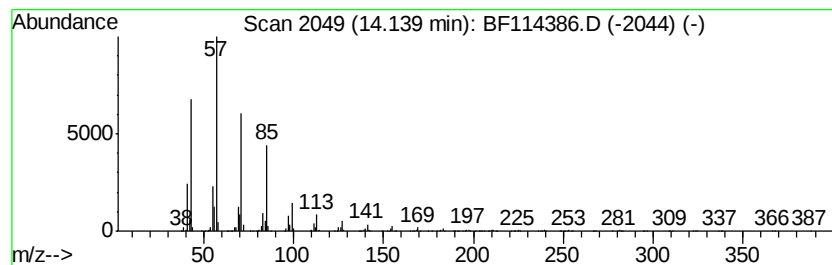
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown14.14 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	130.94 ng	9778010	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2		Heptacosane	380	C27H56	000593-49-7	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114386.D
Acq On : 18 May 2019 13:06
Operator : JU/SJ
Sample : K2894-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TWP-SB-07

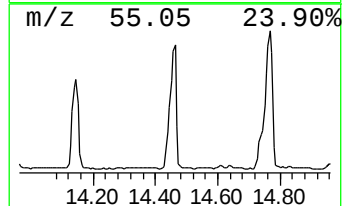
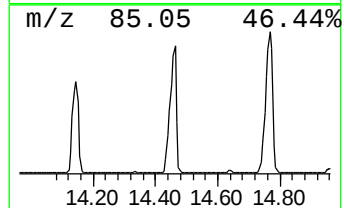
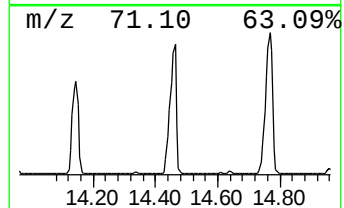
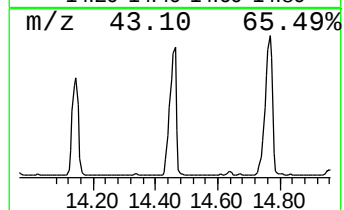
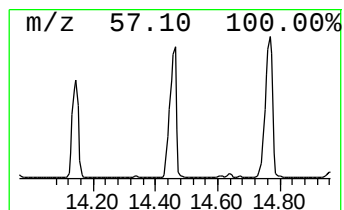
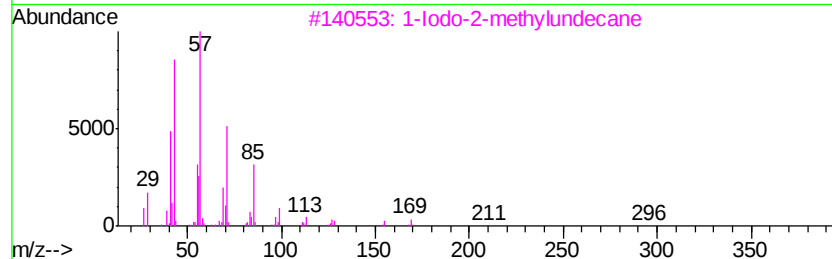
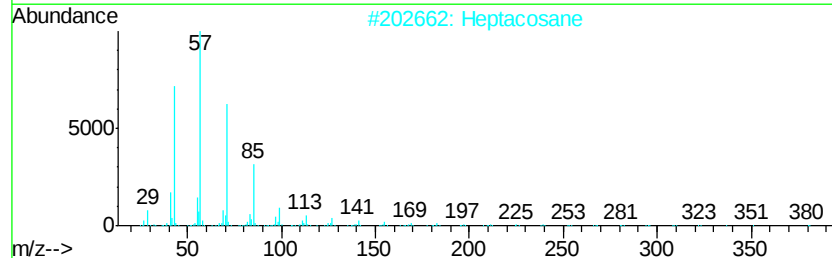
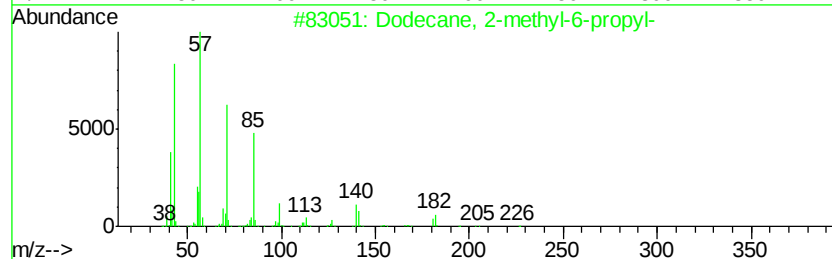
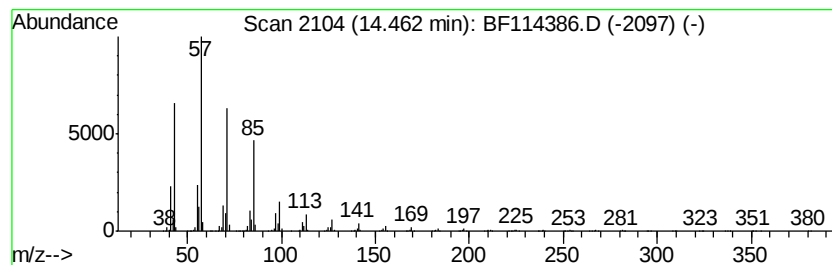
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dodecane, 2-methyl-6-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	187.85 ng	14027400	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2		Heptacosane	380	C27H56	000593-49-7	91
3		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114386.D
Acq On : 18 May 2019 13:06
Operator : JU/SJ
Sample : K2894-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TWP-SB-07

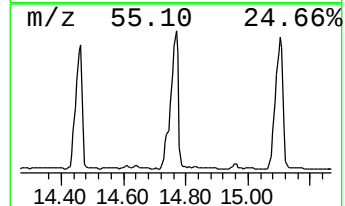
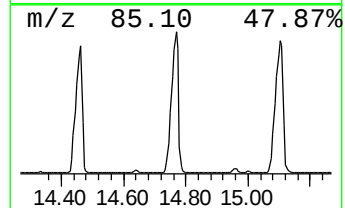
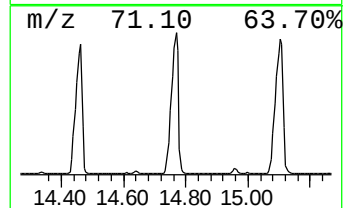
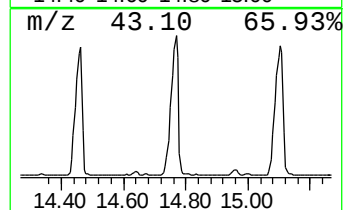
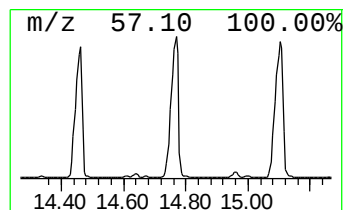
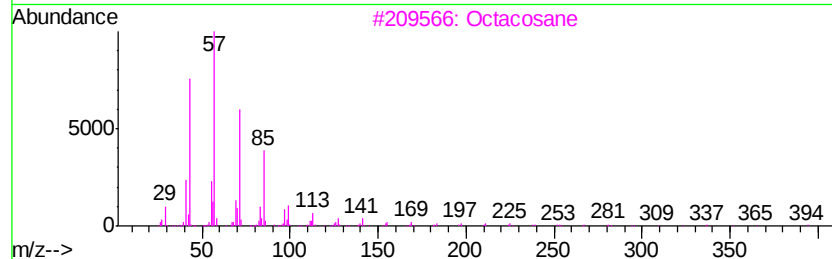
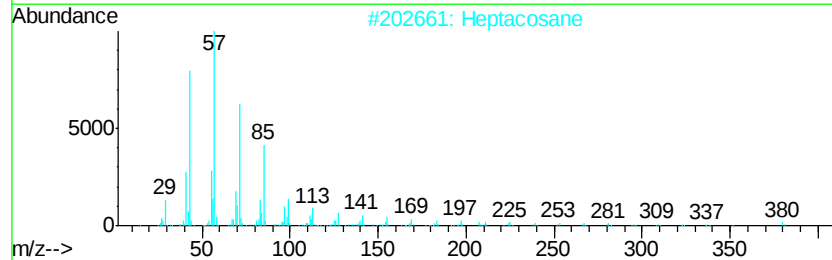
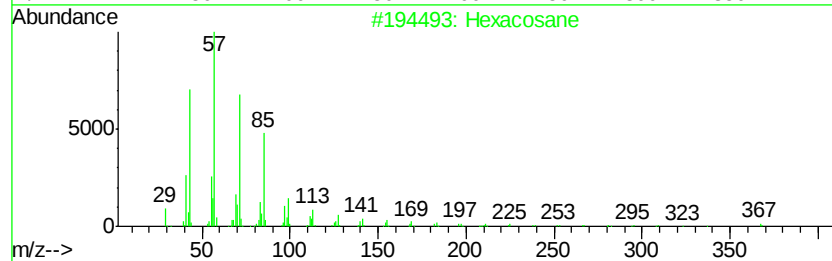
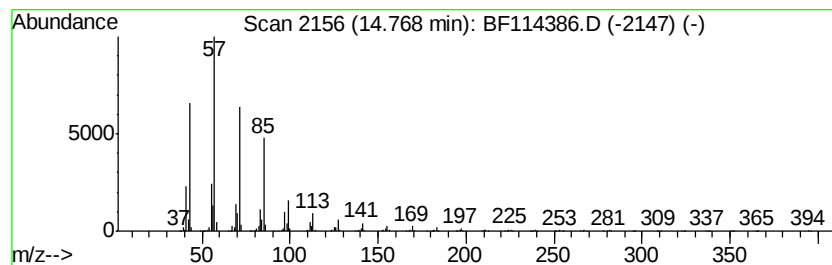
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	18.70 ng	18409500	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114386.D
Acq On : 18 May 2019 13:06
Operator : JU/SJ
Sample : K2894-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TWP-SB-07

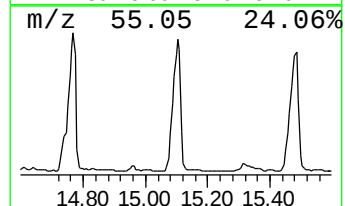
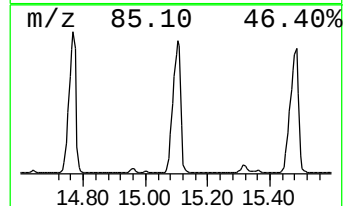
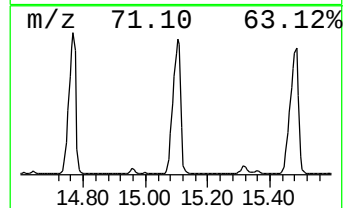
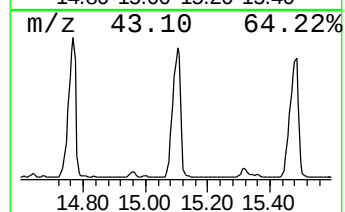
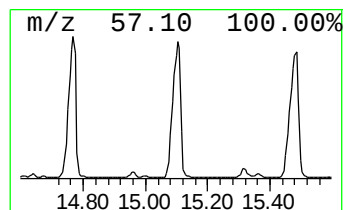
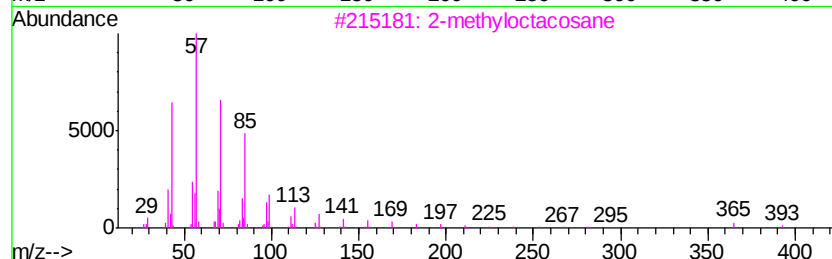
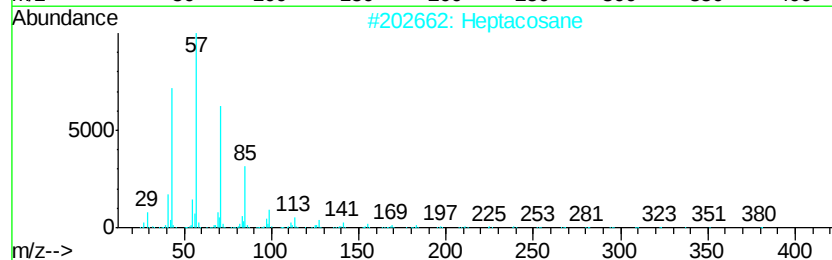
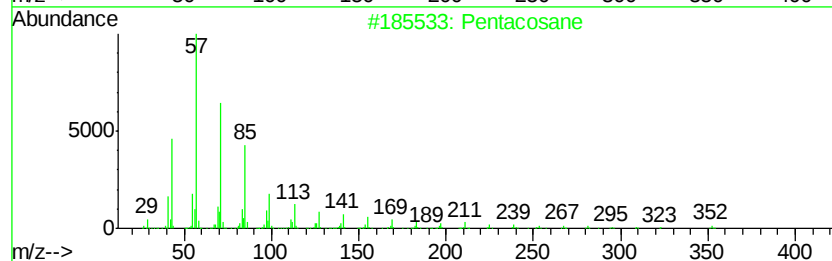
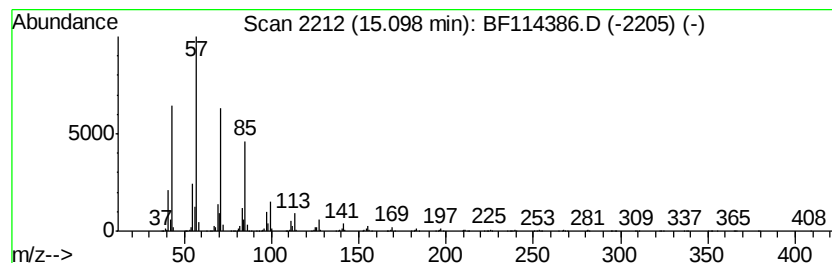
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pentacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	18.65 ng	18364200	Perylene-d12	15.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane		352	C25H52	000629-99-2	97
2	Heptacosane		380	C27H56	000593-49-7	91
3	2-methyloctacosane		408	C29H60	1000376-72-8	91
4	Octacosane		394	C28H58	000630-02-4	91
5	Heneicosane		296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114386.D
 Acq On : 18 May 2019 13:06
 Operator : JU/SJ
 Sample : K2894-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-SB-07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.13	108.9	ng	7186360	1	6.83	1320310	20.0
unknown6.61	6.61	77.8	ng	5135810	1	6.83	1320310	20.0
Benzene, 2,4-diis...	8.73	24.9	ng	2072560	2	8.12	1667200	20.0
2-Hydroxymethylbe...	9.05	35.4	ng	3218790	3	9.87	1819410	20.0
2H-Benzimidazol-2...	9.10	24.5	ng	2227310	3	9.87	1819410	20.0
4-(Methyleneamino...	9.13	20.9	ng	1904620	3	9.87	1819410	20.0
Dodecane, 1-chloro-	9.50	24.9	ng	2264670	3	9.87	1819410	20.0
Dodecanoic acid	9.99	30.7	ng	2791280	3	9.87	1819410	20.0
n-Hexadecanoic acid	11.96	519.6	ng	50624900	4	11.36	1948600	20.0
9,12-Octadecadien...	12.59	54.6	ng	5322200	4	11.36	1948600	20.0
Octadecanoic acid	12.73	542.2	ng	40486900	5	14.00	1493490	20.0
Tris(1,3-dichloro...	13.32	48.4	ng	3614530	5	14.00	1493490	20.0
Octadecane	13.49	37.2	ng	2775790	5	14.00	1493490	20.0
unknown13.82	13.82	66.6	ng	4973940	5	14.00	1493490	20.0
2,2'-(Ethane-1,2-...	13.84	34.1	ng	2544470	5	14.00	1493490	20.0
unknown14.14	14.14	130.9	ng	9778010	5	14.00	1493490	20.0
Dodecane, 2-methy...	14.46	187.8	ng	14027400	5	14.00	1493490	20.0
Hexacosane	14.77	18.7	ng	18409500	6	15.46	19693200	20.0
Pentacosane	15.10	18.6	ng	18364200	6	15.46	19693200	20.0