

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116123.D
 Acq On : 9 Aug 2019 20:12
 Operator : HP/JU
 Sample : K4244-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BERGEN-SP-2

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-BF073019.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	2.140	3	9	32	rVB	1508182	2192979	62.06%	6.513%
2	5.469	571	575	602	rBV	3037435	3180225	90.00%	9.445%
3	6.481	742	747	765	rBV	2909443	3442864	97.43%	10.225%
4	6.616	765	770	773	rBV	3267774	3281829	92.87%	9.747%
5	6.839	805	808	819	rVB	837329	736113	20.83%	2.186%
6	6.992	830	834	852	rVB	2657436	2624381	74.27%	7.794%
7	7.398	899	903	921	rBV	1946996	2204890	62.40%	6.548%
8	8.116	1022	1025	1046	rBV	859796	928657	26.28%	2.758%
9	9.192	1203	1208	1219	rBV	3504189	3533662	100.00%	10.495%
10	9.586	1271	1275	1289	rVB	176252	211482	5.98%	0.628%
11	9.869	1319	1323	1338	rVB	1110071	1080408	30.57%	3.209%
12	10.663	1454	1458	1471	rBV	2038605	2254285	63.79%	6.695%
13	11.357	1572	1576	1585	rBV	1068991	1146779	32.45%	3.406%
14	11.421	1585	1587	1596	rVB3	42412	64048	1.81%	0.190%
15	11.898	1662	1668	1674	rBV8	18879	39919	1.13%	0.119%
16	12.574	1780	1783	1792	rVB	101191	107806	3.05%	0.320%
17	12.804	1817	1822	1829	rBV	95740	111050	3.14%	0.330%
18	12.939	1840	1845	1848	rBV	3472611	3268230	92.49%	9.706%
19	13.857	1994	2001	2012	rBV6	84895	247485	7.00%	0.735%
20	13.998	2021	2025	2037	rVB	812952	930371	26.33%	2.763%
21	14.451	2099	2102	2106	rVB	44134	40429	1.14%	0.120%
22	14.751	2150	2153	2158	rVB	59916	57272	1.62%	0.170%
23	14.827	2162	2166	2172	rVB	180542	177087	5.01%	0.526%
24	15.051	2200	2204	2206	rBV2	46310	65983	1.87%	0.196%
25	15.080	2206	2209	2215	rVB2	80474	106470	3.01%	0.316%
26	15.204	2227	2230	2236	rVB2	46736	60403	1.71%	0.179%
27	15.292	2241	2245	2250	rVV	76206	104984	2.97%	0.312%
28	15.345	2251	2254	2258	rVV	31933	41567	1.18%	0.123%
29	15.404	2261	2264	2268	rVV	38514	55216	1.56%	0.164%
30	15.462	2269	2274	2289	rVB	631140	946648	26.79%	2.811%
31	15.886	2341	2346	2352	rVB	68474	94450	2.67%	0.281%
32	16.374	2424	2429	2441	rVB	51206	113234	3.20%	0.336%
33	16.556	2457	2460	2469	rVB3	26266	46043	1.30%	0.137%
34	16.798	2495	2501	2509	rVB	52599	103589	2.93%	0.308%

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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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35	16.956	2523	2528	2535	rvB3	34436	69942	1.98%	0.208%
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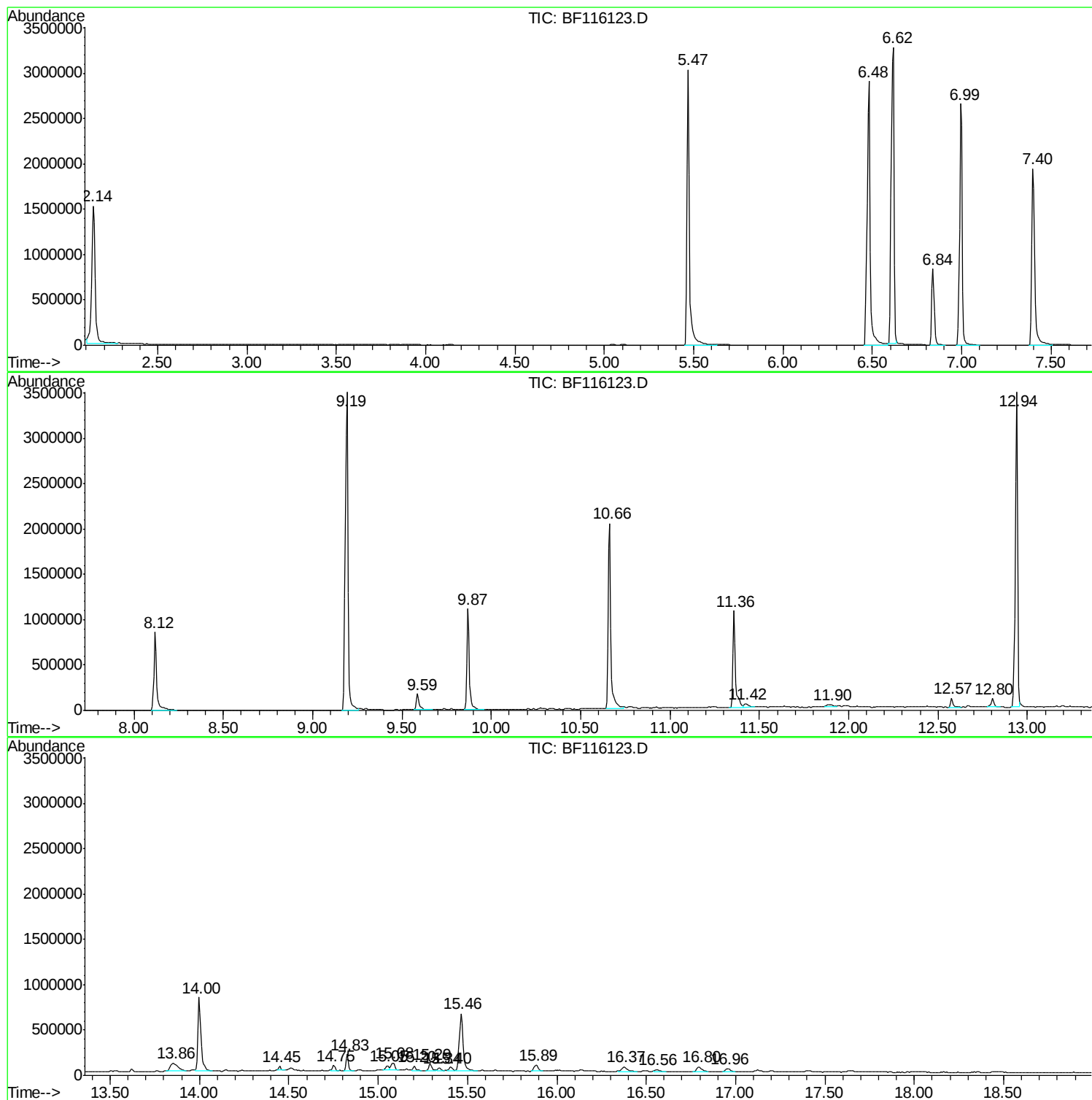
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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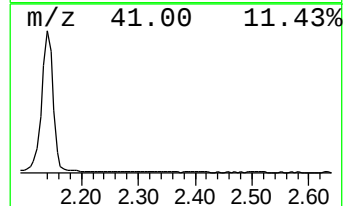
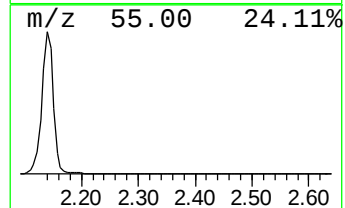
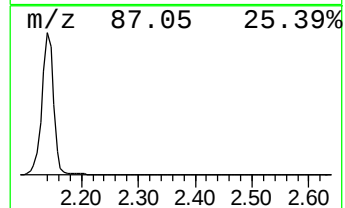
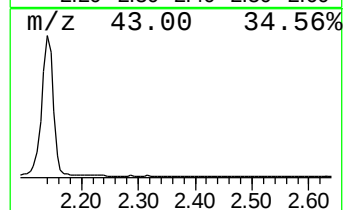
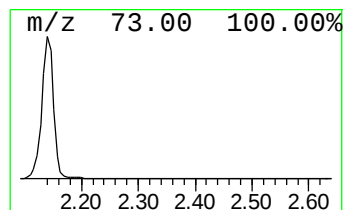
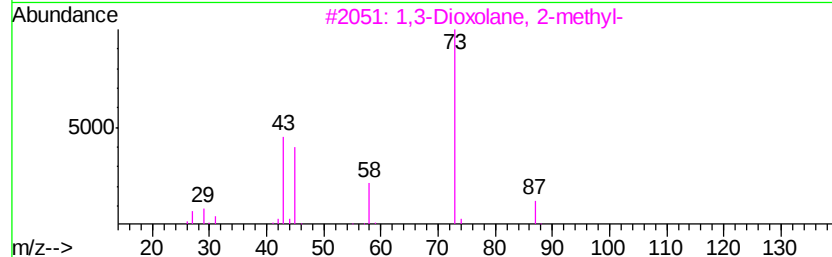
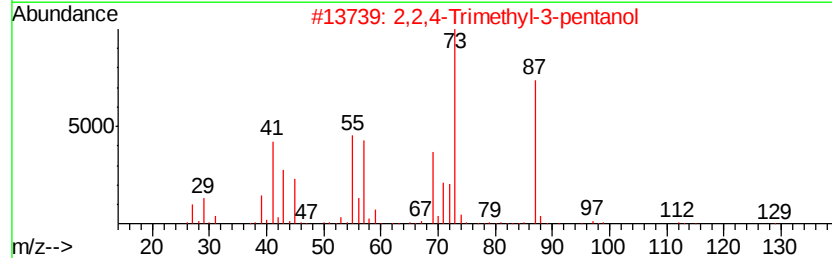
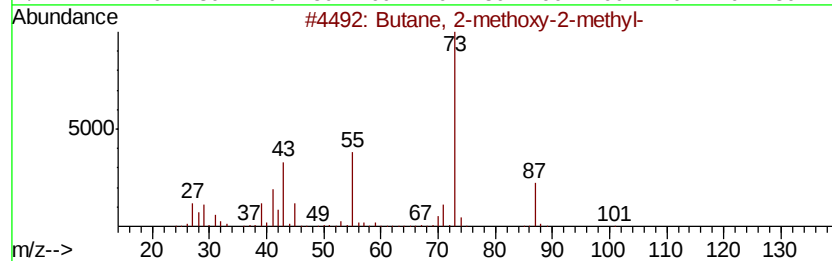
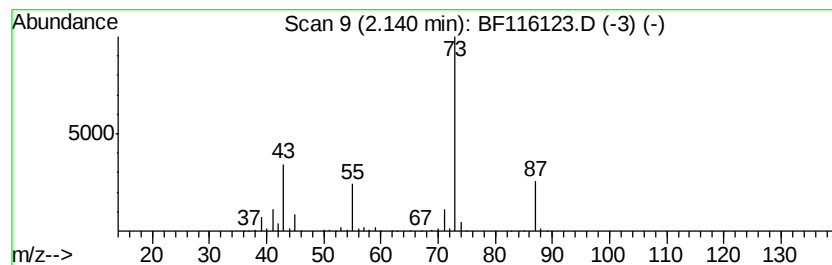
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	59.58 ng	2192980	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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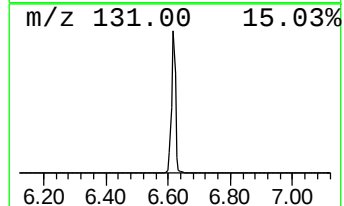
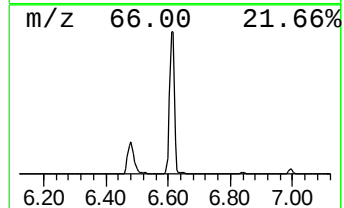
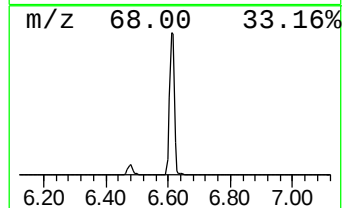
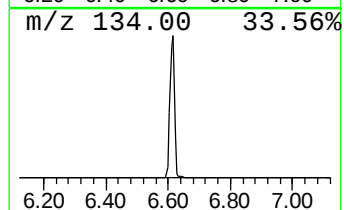
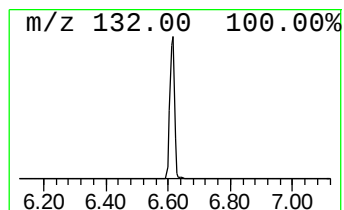
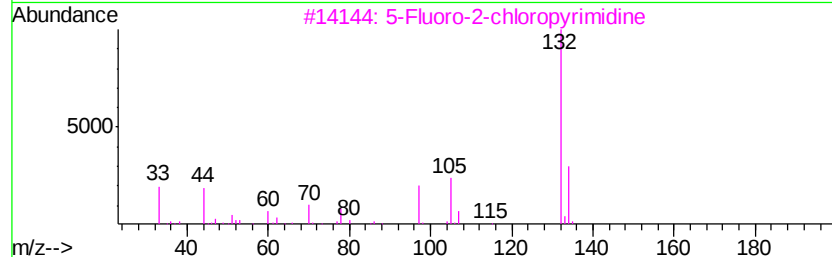
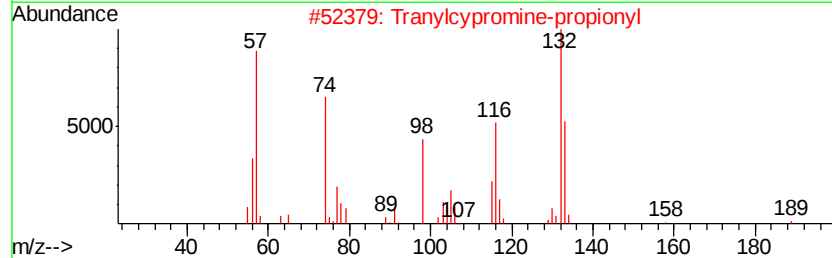
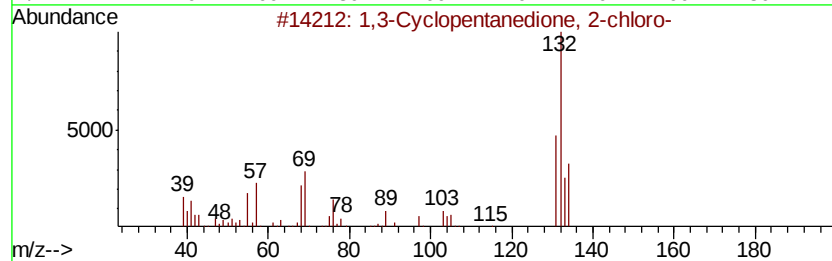
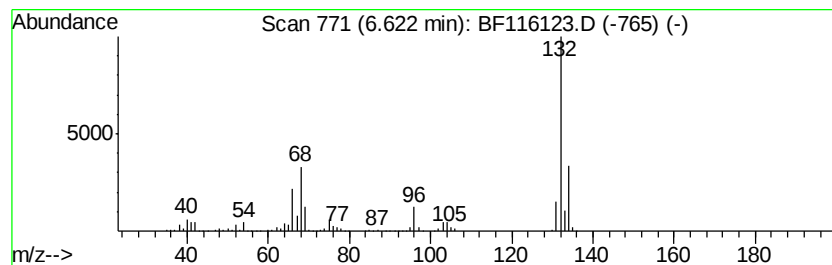
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	89.17 ng	3281830	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
2		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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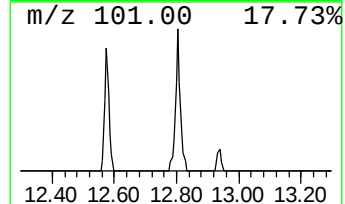
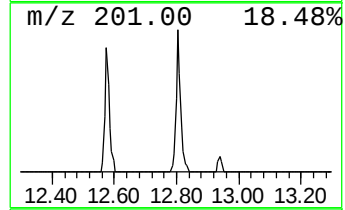
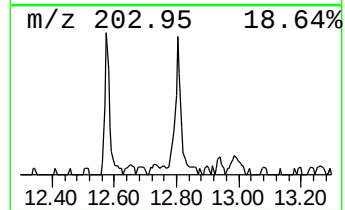
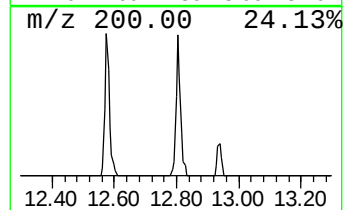
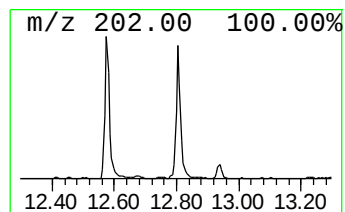
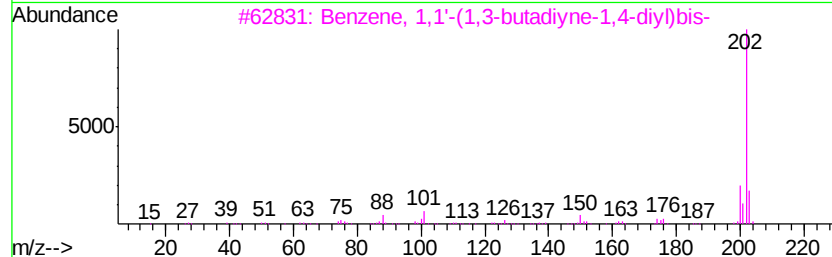
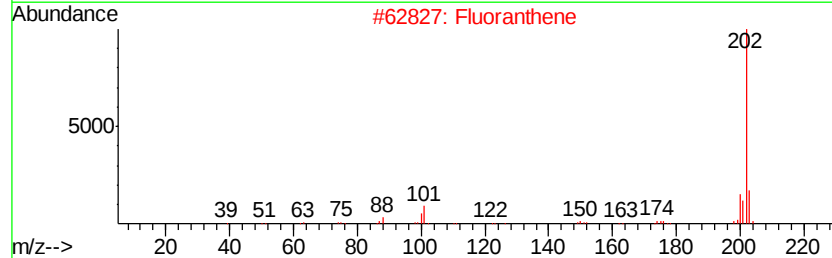
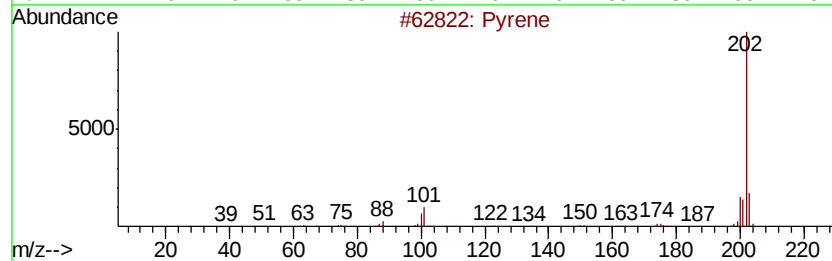
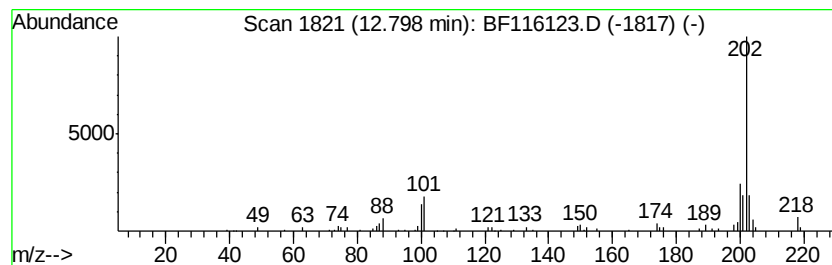
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	2.39 ng	111050	Chrysene-d12	14.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene	202	C16H10	000129-00-0	94
2			Fluoranthene	202	C16H10	000206-44-0	87
3			Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	59
4			l-Leucine, N-methyl-N-(2-methoxy...	359	C19H37NO5	1000328-54-3	40
5			4,5-Dihydronaphtho(2,1-d)thiazol...	202	C11H10N2S	034176-49-3	36



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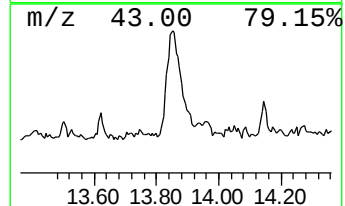
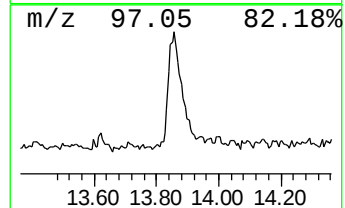
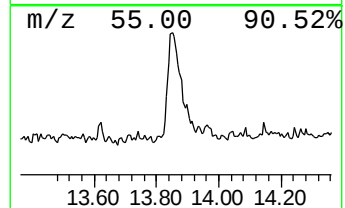
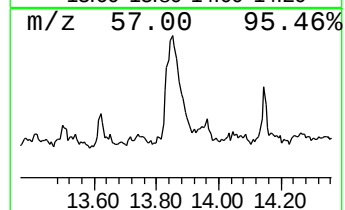
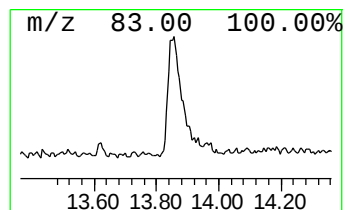
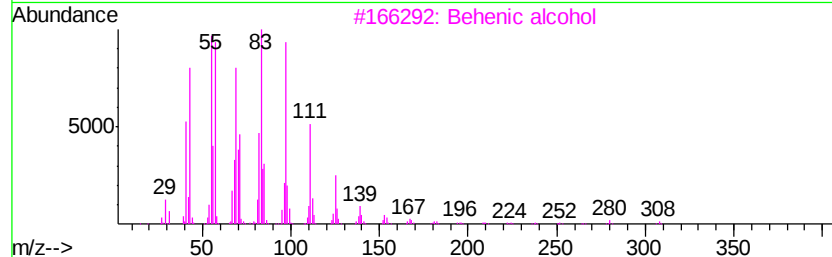
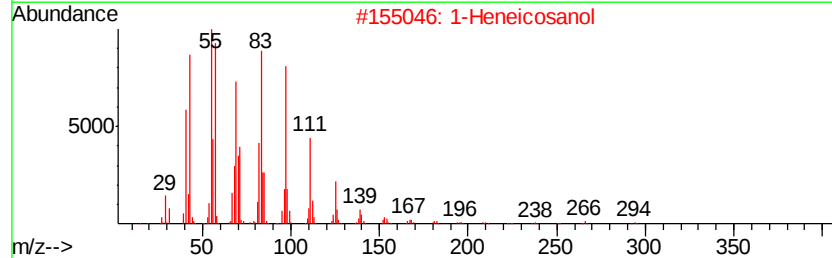
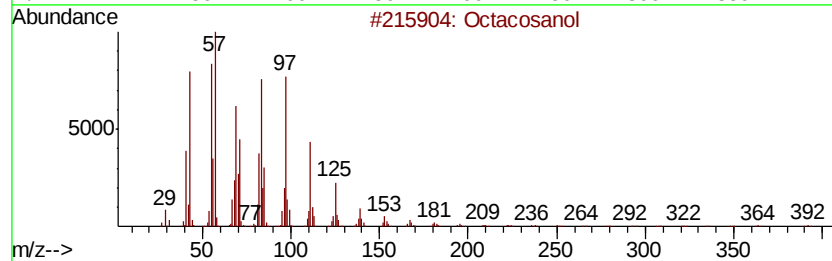
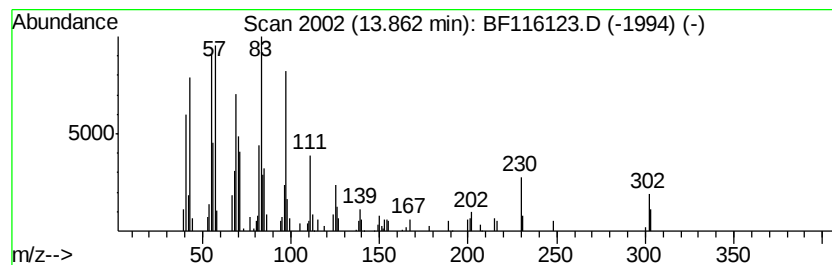
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Octacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.86	5.32 ng	247485	Chrysene-d12		14.00
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	1-Heptacosanol	396	C27H56O	002004-39-9	93
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	87



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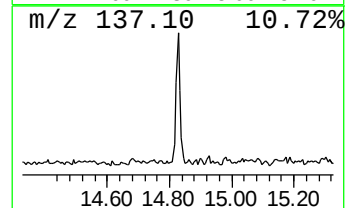
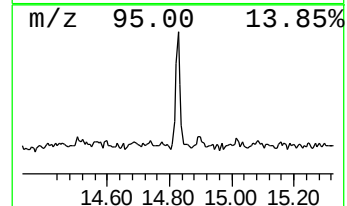
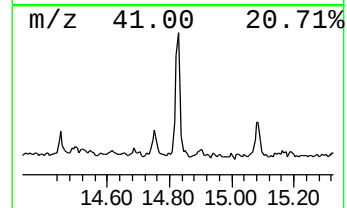
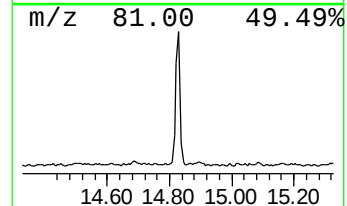
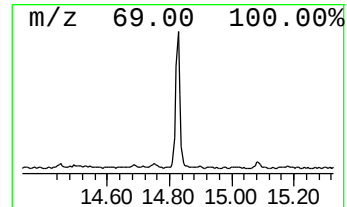
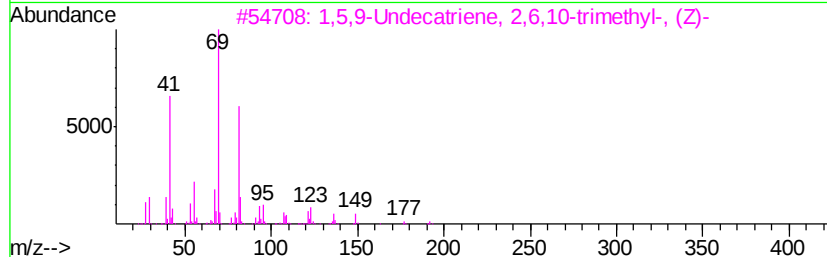
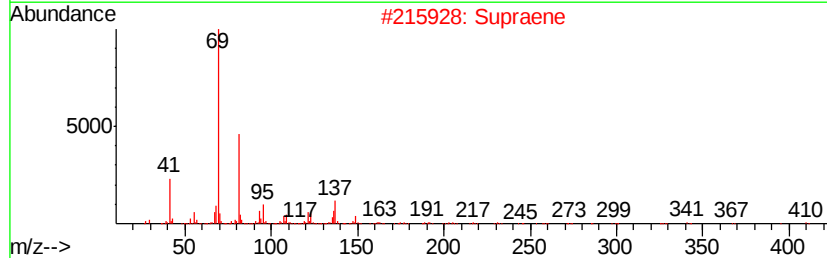
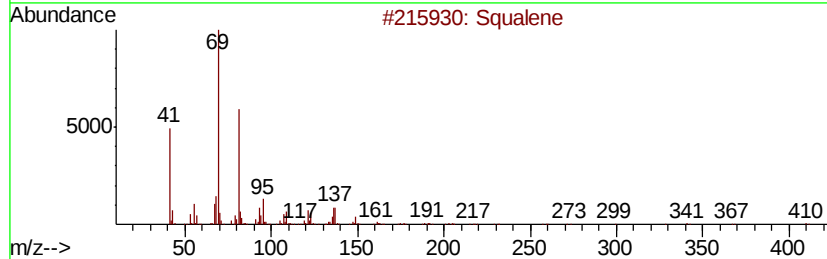
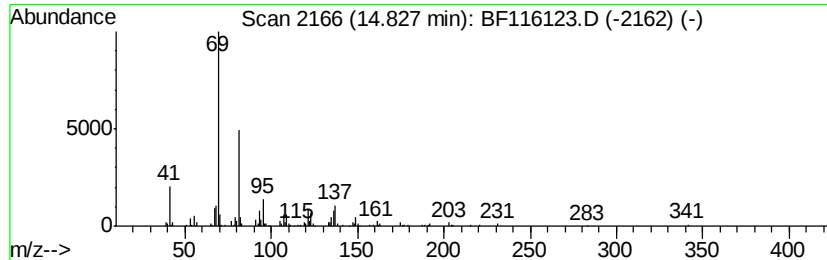
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	3.74 ng	177087	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	91
2		Supraene	410	C30H50	007683-64-9	91
3		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	87
4		2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72
5		2,6-Octadiene, 4,5-dimethyl-	138	C10H18	018476-57-8	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116123.D
Acq On : 9 Aug 2019 20:12
Operator : HP/JU
Sample : K4244-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BERGEN-SP-2

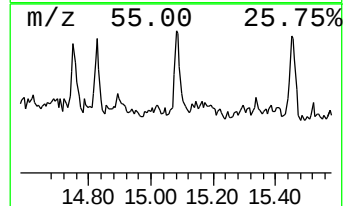
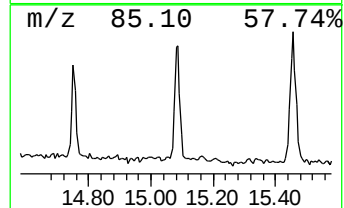
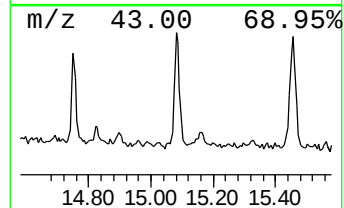
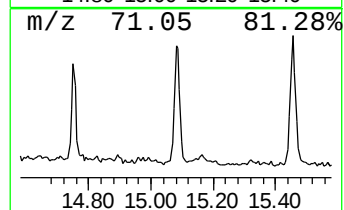
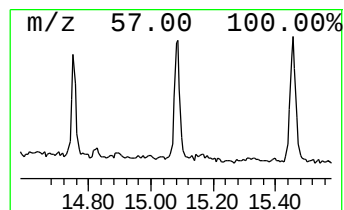
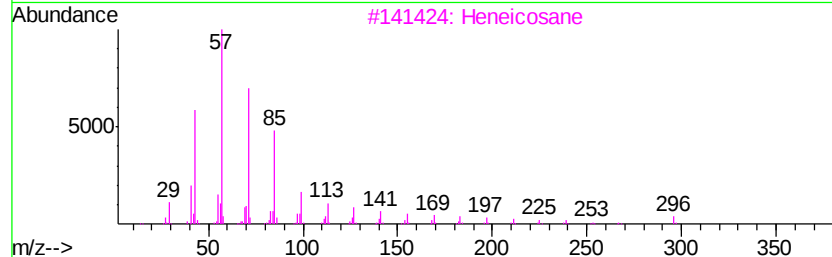
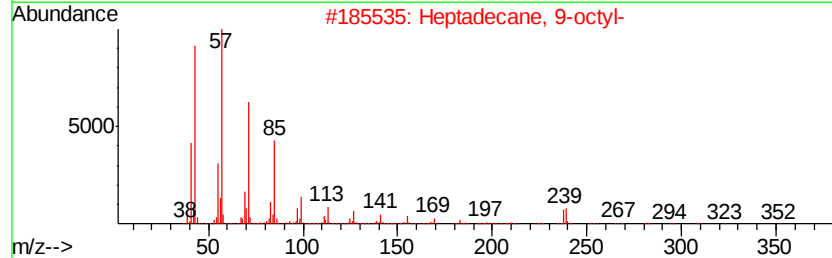
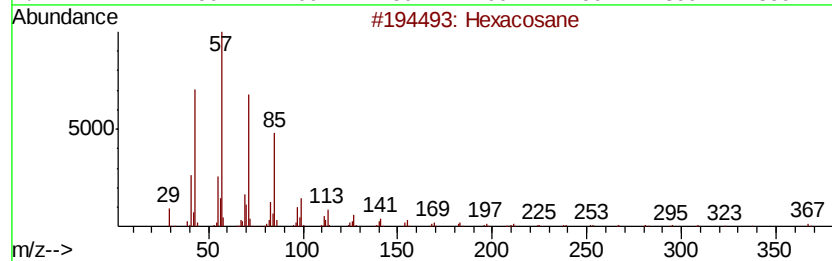
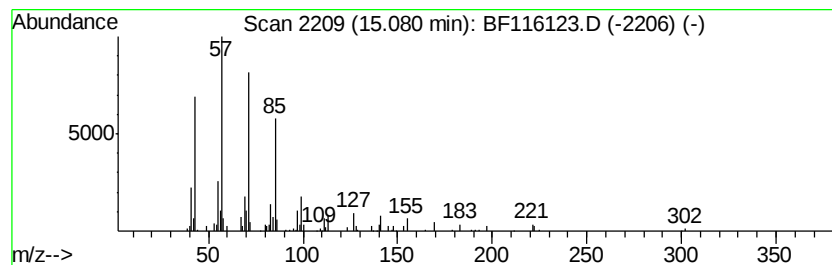
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	2.25 ng	106470	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Pentacosane	352	C25H52	000629-99-2	87
5		Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116123.D
Acq On : 9 Aug 2019 20:12
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Misc :
ALS Vial : 8 Sample Multiplier: 1

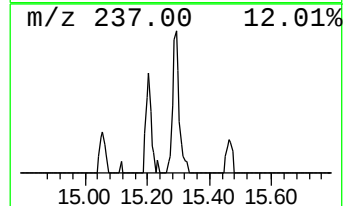
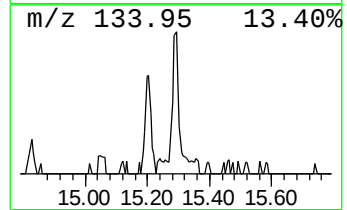
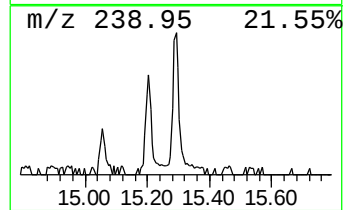
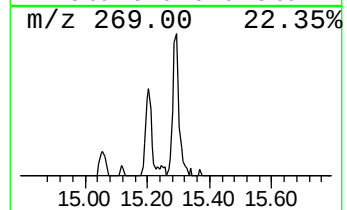
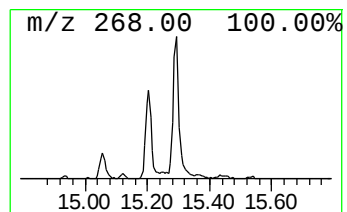
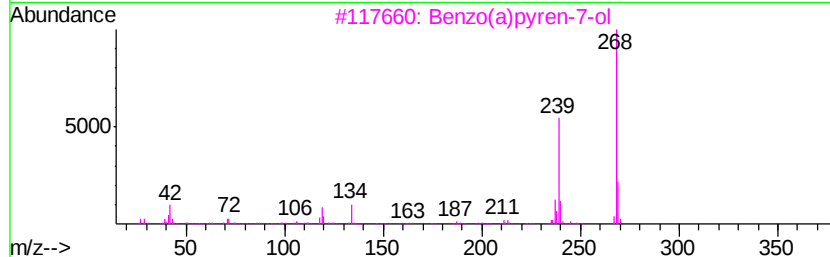
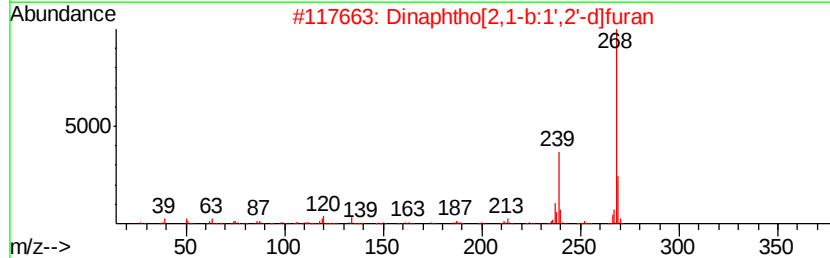
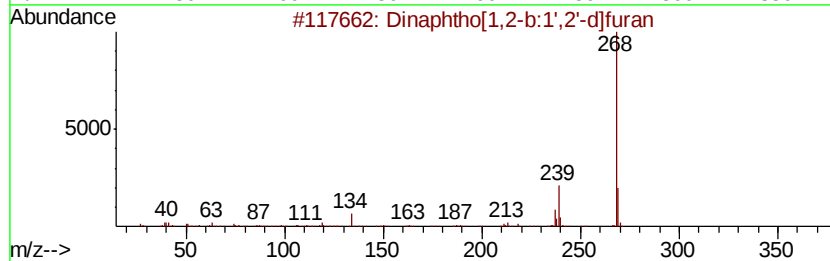
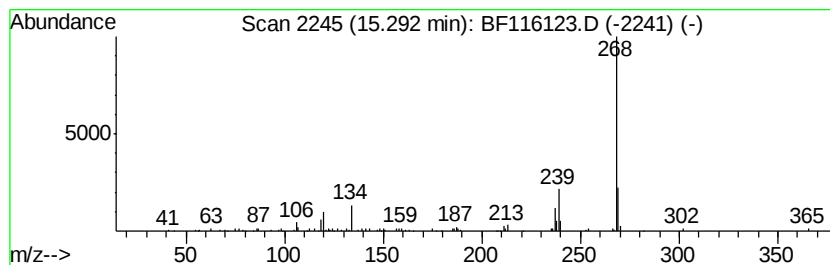
Instrument :
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ClientSampleId :
BERGEN-SP-2

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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 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.			
15.29	2.22 ng	104984	Perylene-d12	15.46			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	94
2			Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	87
3			Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	64
4			9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	64
5			4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116123.D
Acq On : 9 Aug 2019 20:12
Operator : HP/JU
Sample : K4244-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BERGEN-SP-2

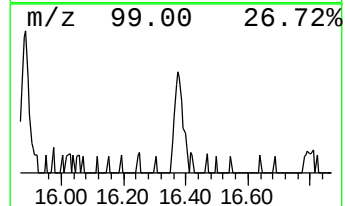
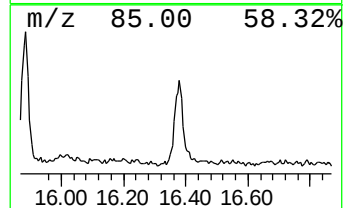
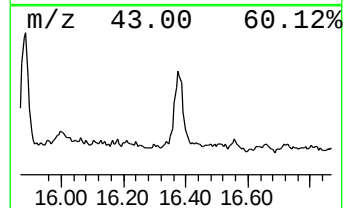
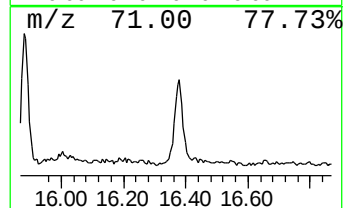
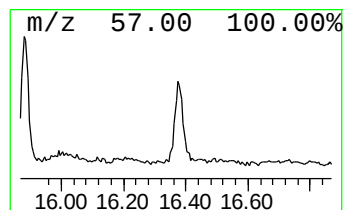
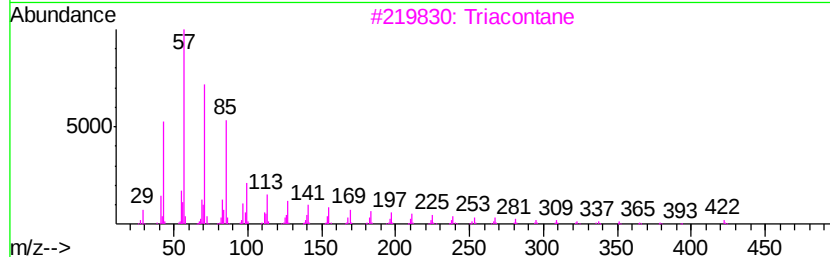
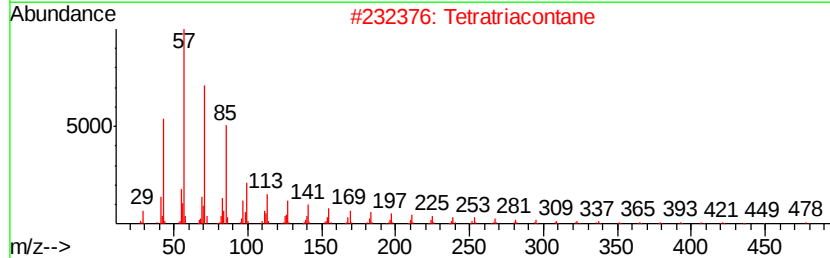
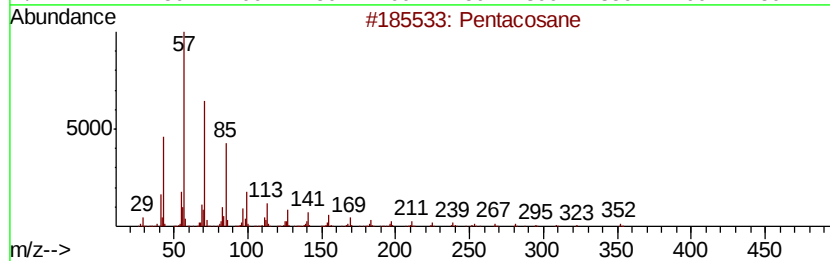
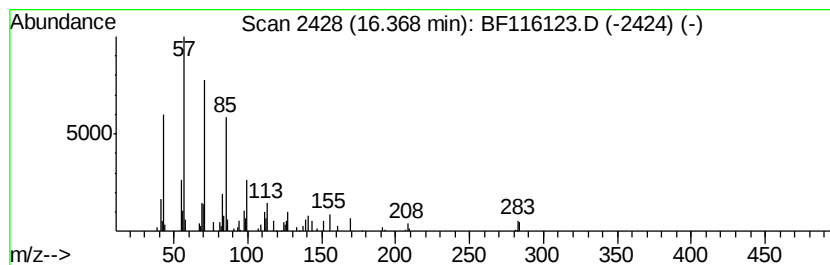
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	2.39 ng	113234	Perylene-d12	15.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane		352	C25H52	000629-99-2	90
2	Tetratriacontane		479	C34H70	014167-59-0	90
3	Triacotane		422	C30H62	000638-68-6	90
4	Octacosane		394	C28H58	000630-02-4	87
5	Hentriacontane		437	C31H64	000630-04-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116123.D
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Operator : HP/JU
Sample : K4244-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

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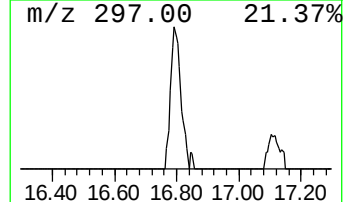
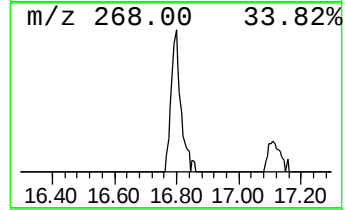
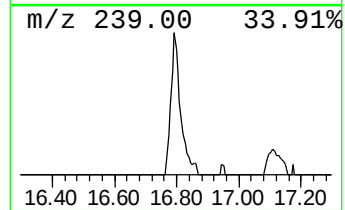
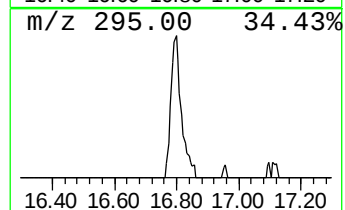
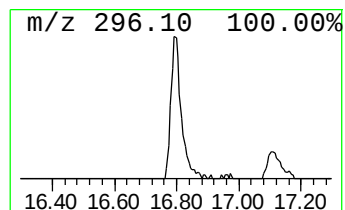
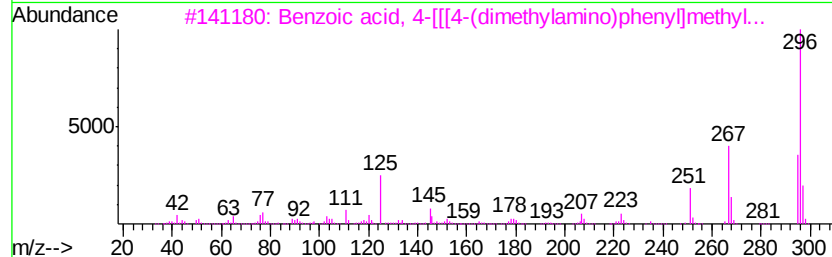
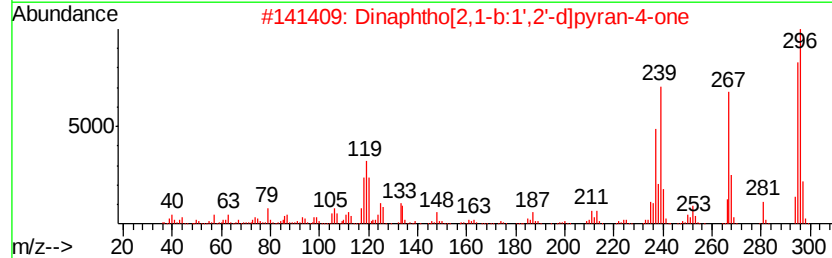
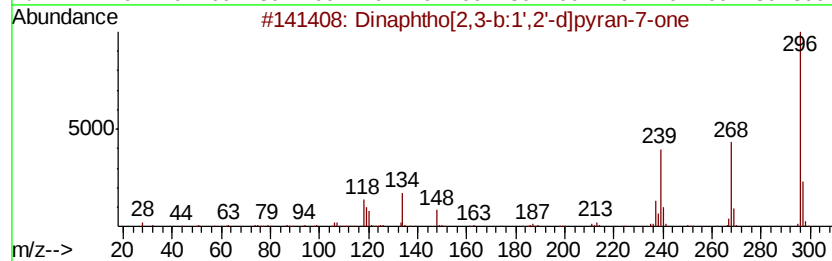
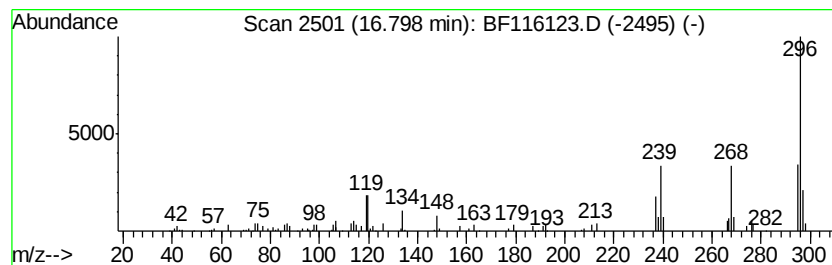
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dinaphtho[2,3-b:1',2'-d]pyr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	2.19 ng	103589	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[2,3-b:1',2'-d]pyran-7-one	296	C21H12O2	154352-87-1	76
2		Dinaphtho[2,1-b:1',2'-d]pyran-4-one	296	C21H12O2	155674-73-0	59
3		Benzoic acid, 4-[[[4-(dimethylamino)phenyl]methyl]oxy]phenyl	296	C18H20N2O2	020534-73-0	50
4		trans-4'-Dimethylamino-3-nitrochalcone	296	C17H16N2O3	1000234-56-7	49
5		Dibenzo[a,c]phenazin-10-ol	296	C20H12N2O	1000300-08-6	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080919\
Data File : BF116123.D
Acq On : 9 Aug 2019 20:12
Operator : HP/JU
Sample : K4244-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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...	2.14	59.6	ng	2192980	1	6.84	736113	20.0
unknown6.62	6.62	89.2	ng	3281830	1	6.84	736113	20.0
Benzene, 1,1'-(1,...	12.80	2.4	ng	111050	5	14.00	930371	20.0
Octacosanol	13.86	5.3	ng	247485	5	14.00	930371	20.0
Squalene	14.83	3.7	ng	177087	6	15.46	946648	20.0
Hexacosane	15.08	2.3	ng	106470	6	15.46	946648	20.0
Dinaphtho[1,2-b:1...	15.29	2.2	ng	104984	6	15.46	946648	20.0
Pentacosane	16.37	2.4	ng	113234	6	15.46	946648	20.0
Dinaphtho[2,3-b:1...	16.80	2.2	ng	103589	6	15.46	946648	20.0