

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
 Data File : BF116052.D
 Acq On : 7 Aug 2019 17:33
 Operator : HP/JU
 Sample : K4154-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-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: BF116053.D

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	31	rVB	912817	1363365	16.10%	2.762%
2	5.475	571	576	599	rBV	2745909	3054734	36.08%	6.188%
3	6.481	742	747	766	rBV	2899093	3230718	38.16%	6.544%
4	6.616	766	770	773	rBV	3372758	3142551	37.12%	6.366%
5	6.845	805	809	818	rBV	911007	864422	10.21%	1.751%
6	6.998	831	835	848	rBV	2322960	2127442	25.13%	4.310%
7	7.404	900	904	920	rBV	1930525	2008299	23.72%	4.068%
8	8.122	1022	1026	1047	rBV	1130002	1130768	13.36%	2.291%
9	9.198	1205	1209	1219	rBV	2509214	2502713	29.56%	5.070%
10	9.592	1272	1276	1285	rBV	665556	734365	8.67%	1.488%
11	9.875	1321	1324	1335	rVB	1465027	1307629	15.45%	2.649%
12	10.663	1454	1458	1475	rVB	1443339	1576017	18.62%	3.193%
13	11.363	1573	1577	1584	rBV	1243153	1214698	14.35%	2.461%
14	12.669	1796	1799	1808	rBV2	57731	99118	1.17%	0.201%
15	12.939	1841	1845	1855	rBV	1887161	1759883	20.79%	3.565%
16	13.527	1939	1945	1949	rVB2	149634	162271	1.92%	0.329%
17	13.727	1976	1979	1982	rVV2	534303	569382	6.73%	1.153%
18	13.757	1982	1984	1989	rVB3	140170	164655	1.94%	0.334%
19	13.822	1992	1995	2000	rBV2	362197	420940	4.97%	0.853%
20	13.898	2005	2008	2012	rVV2	220171	243972	2.88%	0.494%
21	13.939	2012	2015	2018	rVV	118936	109111	1.29%	0.221%
22	13.974	2018	2021	2023	rVV2	228034	219501	2.59%	0.445%
23	14.004	2023	2026	2034	rVB	800711	830162	9.81%	1.682%
24	14.457	2097	2103	2106	rBV2	264717	337398	3.99%	0.683%
25	14.492	2106	2109	2112	rVV3	67732	118625	1.40%	0.240%
26	14.527	2112	2115	2122	rVB	624027	602624	7.12%	1.221%
27	15.092	2207	2211	2216	rVB	719036	795496	9.40%	1.611%
28	15.468	2269	2275	2285	rBV	774168	1140408	13.47%	2.310%
29	15.663	2304	2308	2315	rBV	87348	123955	1.46%	0.251%
30	15.892	2343	2347	2356	rVB	237255	353859	4.18%	0.717%
31	15.992	2357	2364	2365	rBV4	48929	89518	1.06%	0.181%
32	16.168	2390	2394	2406	rVB2	76495	162750	1.92%	0.330%
33	16.392	2427	2432	2444	rVB3	81197	172503	2.04%	0.349%
34	16.686	2476	2482	2489	rVB	111160	211020	2.49%	0.427%

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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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.980	2526	2532	2540	rVB3	55258	121814	1.44%	0.247%
36	17.551	2618	2629	2637	rBV3	95476	326311	3.85%	0.661%
37	17.692	2647	2653	2661	rVB5	141419	348288	4.11%	0.706%
38	18.068	2702	2717	2731	rVB	2920161	8466028	100.00%	17.150%
39	18.298	2742	2756	2786	rBV2	1952891	7158683	84.56%	14.501%

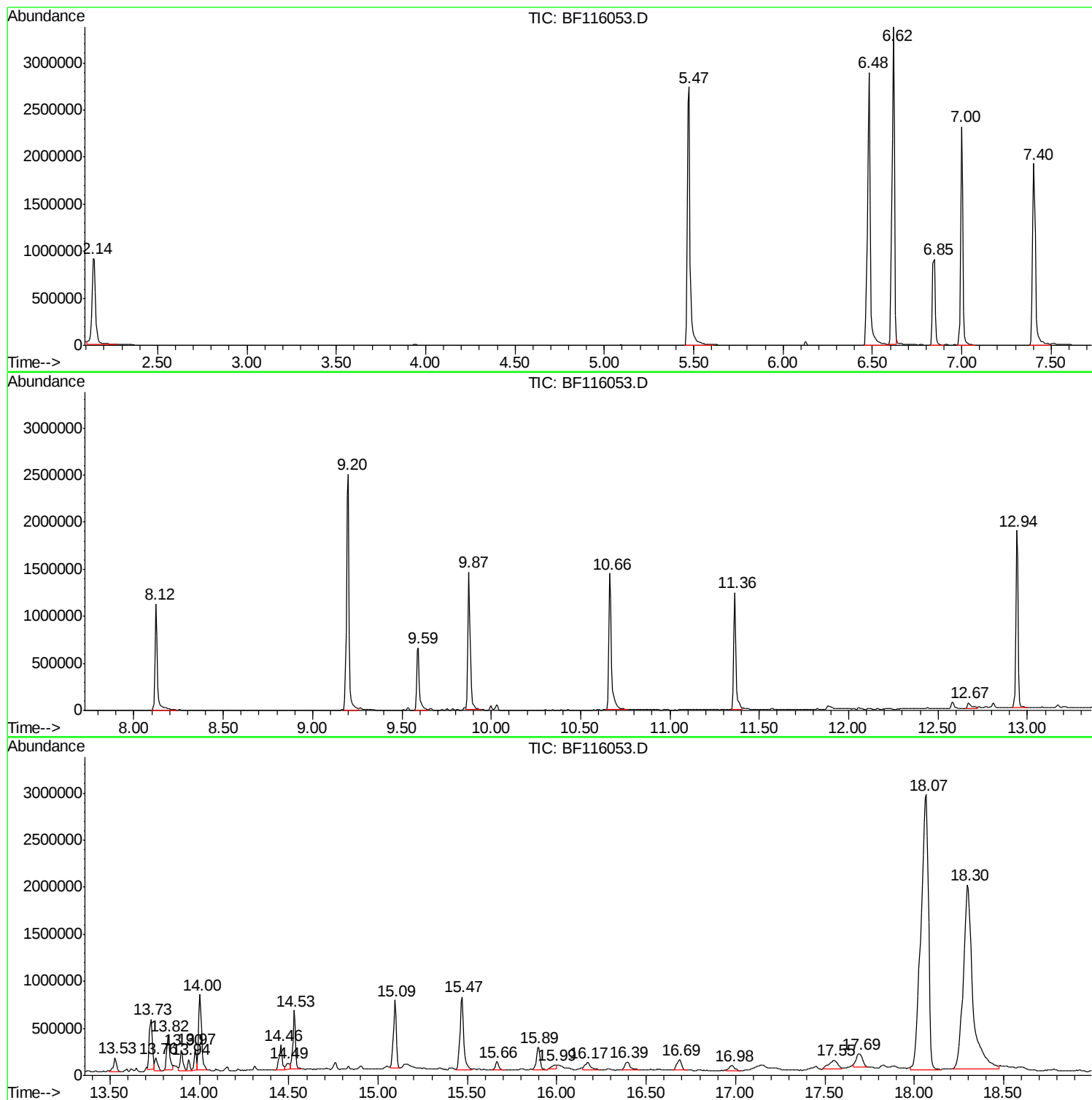
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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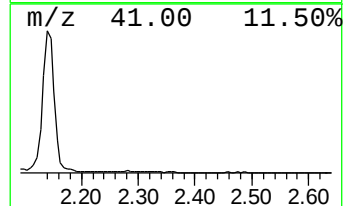
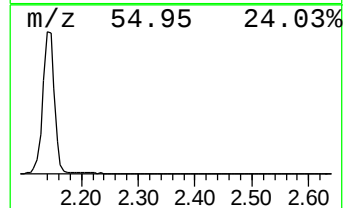
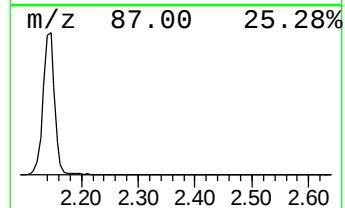
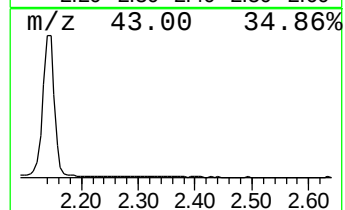
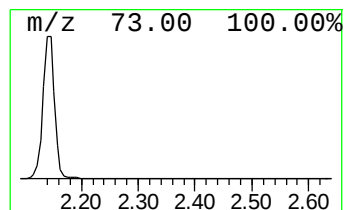
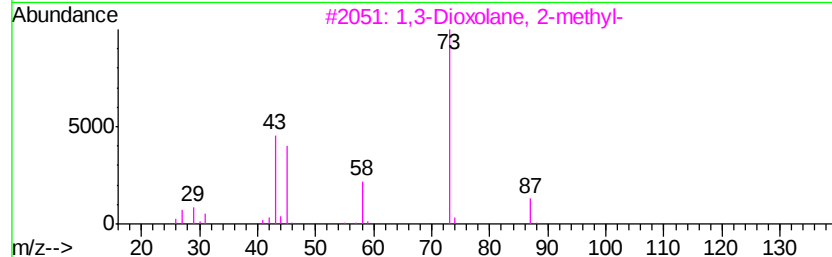
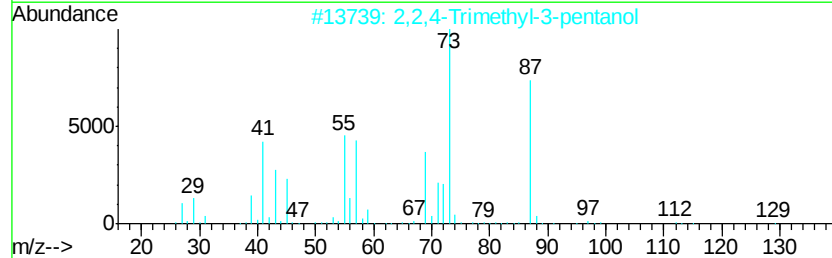
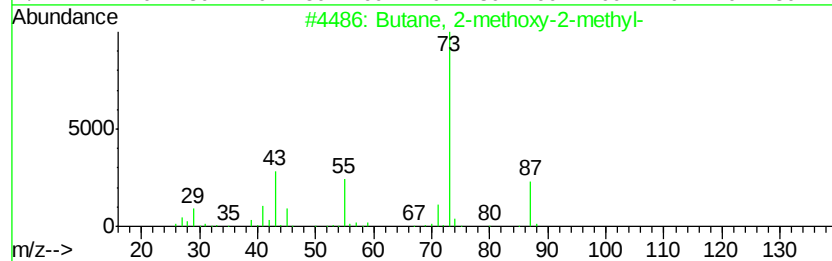
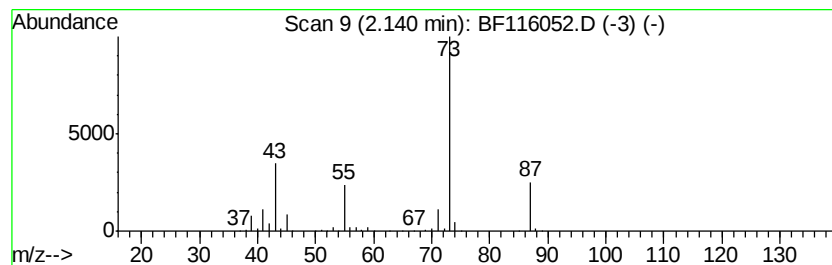
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.14	31.54 ng	1363370	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
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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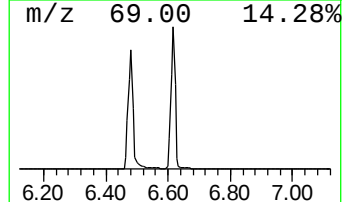
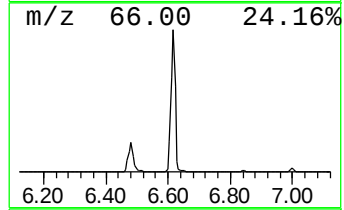
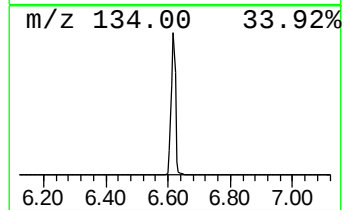
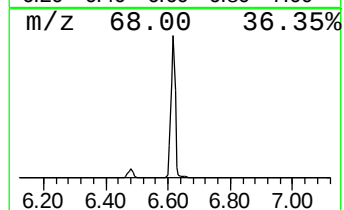
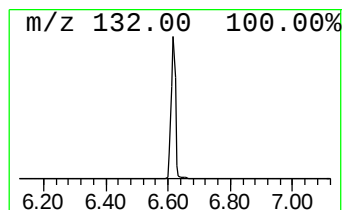
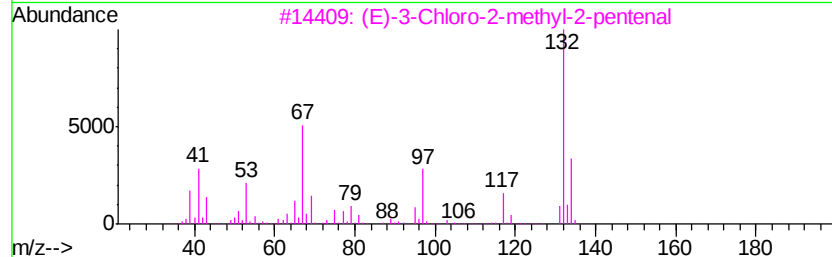
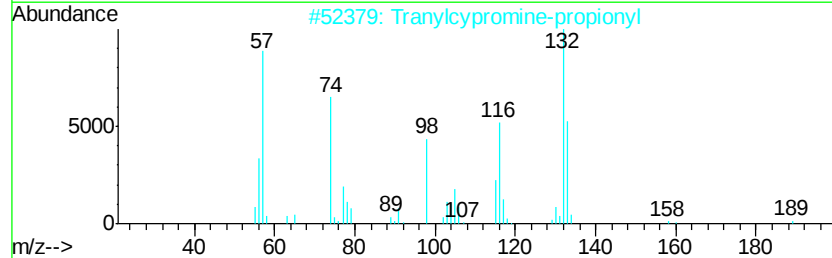
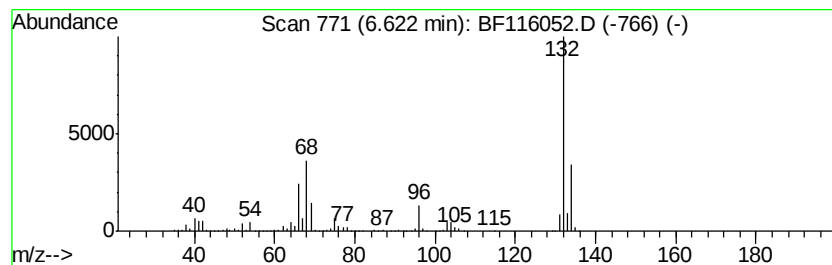
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.62 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	72.71 ng	3142550	1,4-Dichlorobenzene-d4	6.85

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	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
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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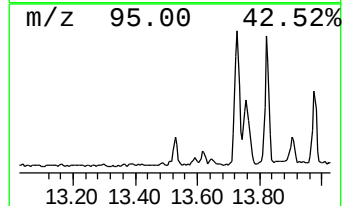
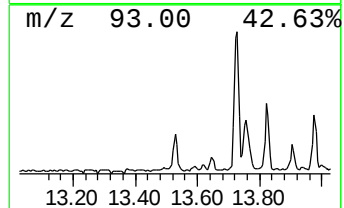
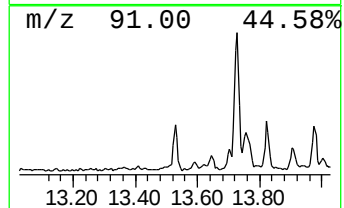
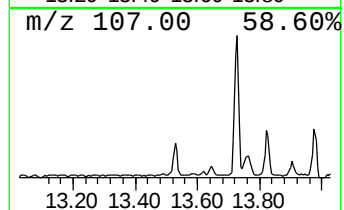
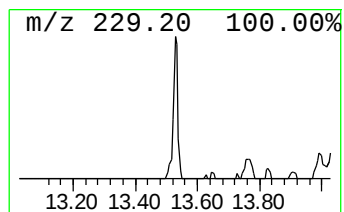
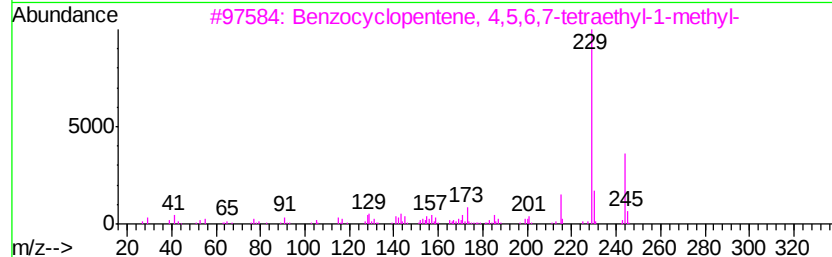
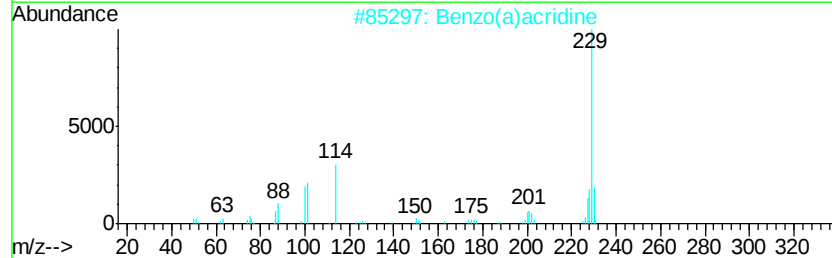
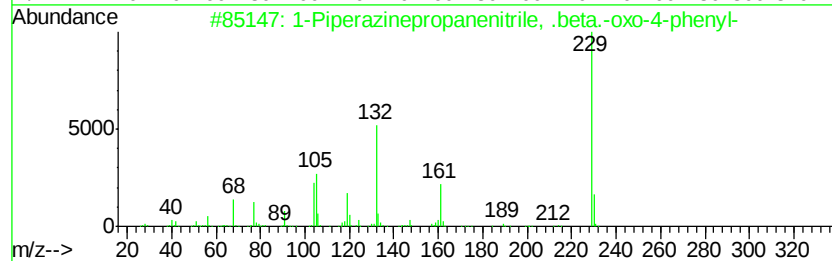
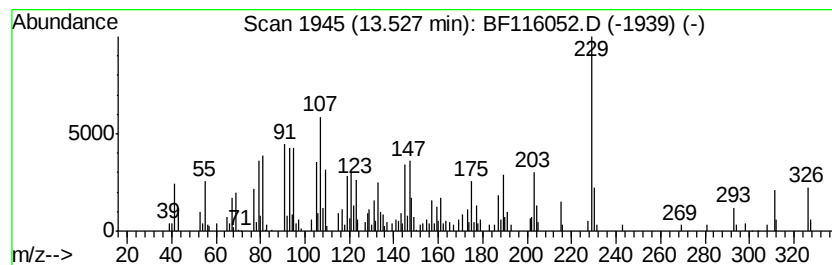
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown13.53 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	3.91 ng	162271	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Piperazinepropanenitrile, .bet...	229	C13H15N3O	014761-40-1	25
2		Benzo(a)acridine	229	C17H11N	000225-11-6	25
3		Benzocyclopentene, 4,5,6,7-tetra...	244	C18H28	1000156-41-4	25
4		2-Hydroxy-3,4-tetramethylene-6-m...	229	C14H15NO2	004562-57-6	25
5		2,6-Lutidine 4-[p-tolylthio]-	229	C14H15NS	1000252-20-5	22



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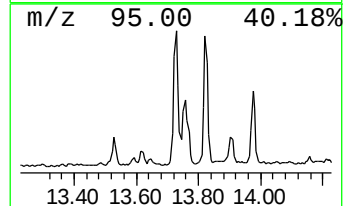
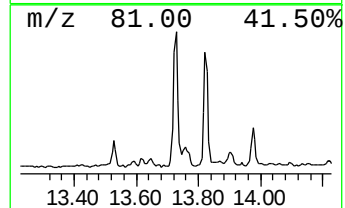
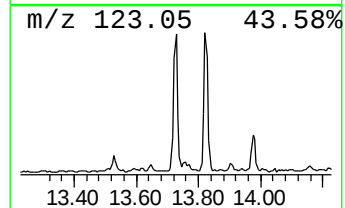
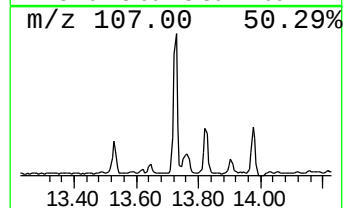
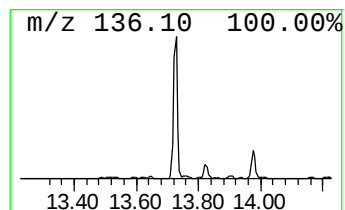
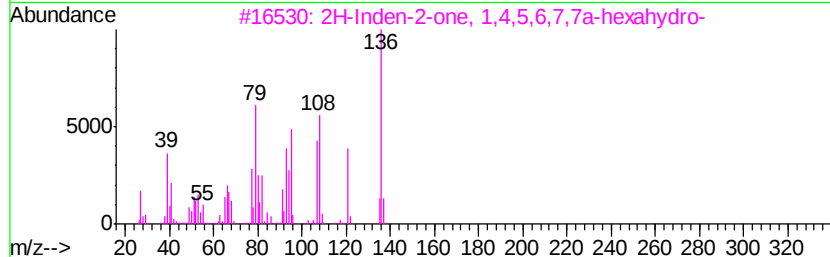
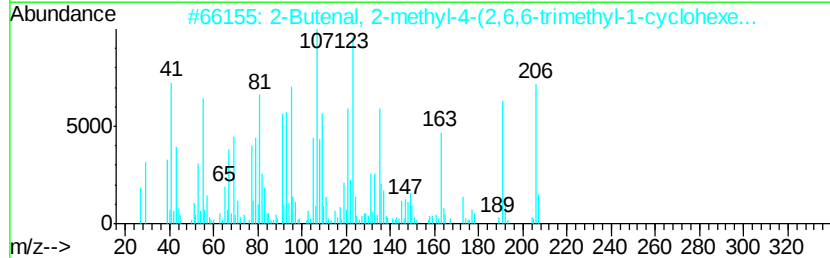
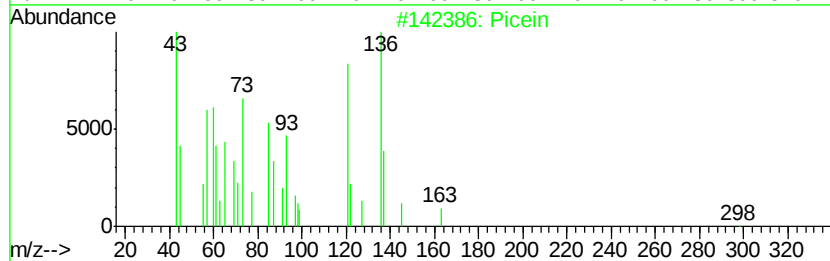
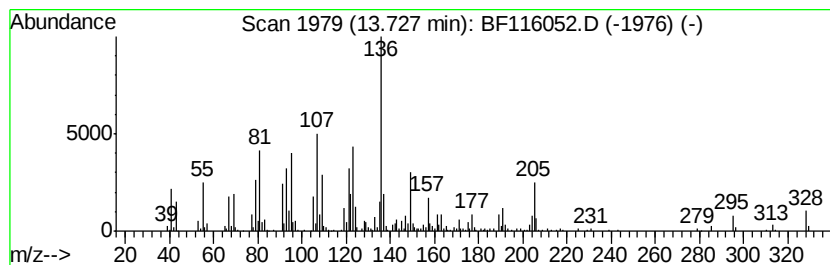
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Picein Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	13.72 ng	569382	Chrysene-d12	14.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Picein		298 C14H18O7	000530-14-3 92
2	2-Butenal, 2-methyl-4-(2,6,6-tri...		206 C14H22O	003155-71-3 42
3	2H-Inden-2-one, 1,4,5,6,7,7a-hex...		136 C9H12O	039163-29-6 38
4	Benzenemethanol, 3,5-dimethyl-		136 C9H12O	027129-87-9 25
5	Benzoic acid, o-mercapto-, methy...		168 C8H8O2S	004892-02-8 22



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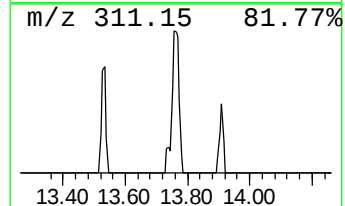
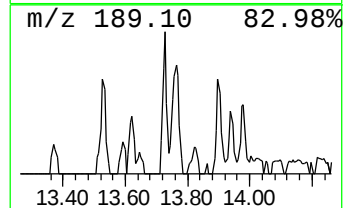
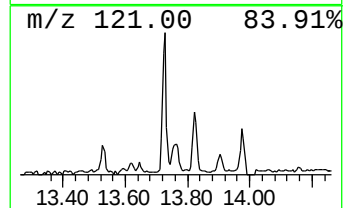
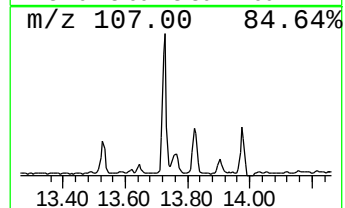
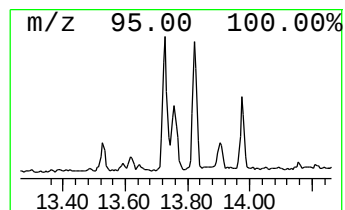
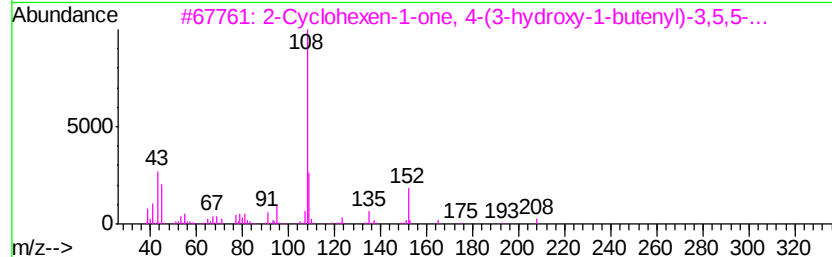
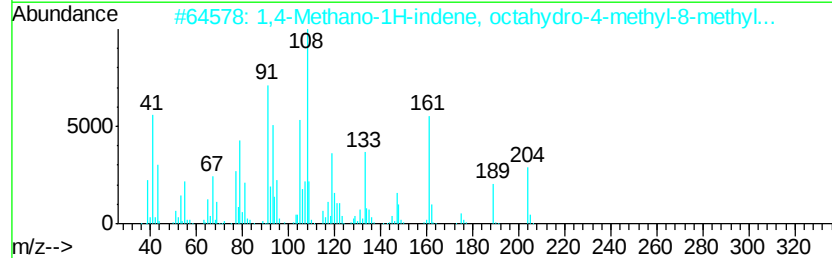
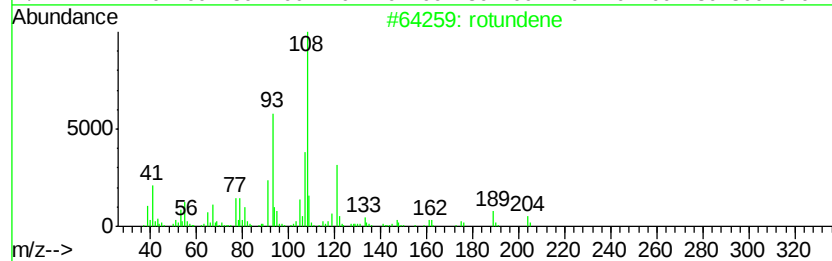
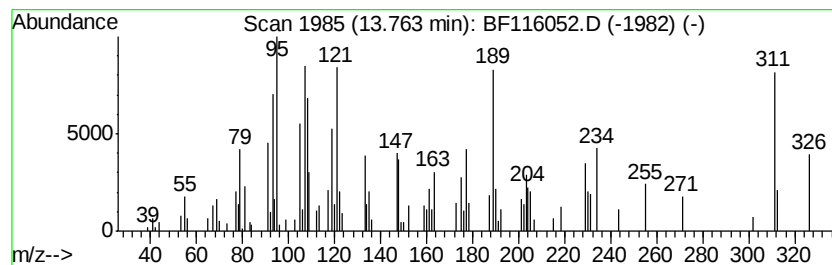
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 rotundene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	3.97 ng	164655	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	rotundene	204	C15H24	1000374-17-0	83
2		1,4-Methano-1H-indene, octahydro...	204	C15H24	003650-28-0	43
3		2-Cyclohexen-1-one, 4-(3-hydroxy...	208	C13H20O2	034318-21-3	22
4		Butanoic acid, 4-methylphenyl ester	178	C11H14O2	014617-92-6	18
5		Decanesulfonamide, N-(4-hydroxy...	313	C16H27NO3S	1000293-99-1	14



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Data File : BF116052.D
Acq On : 7 Aug 2019 17:33
Operator : HP/JU
Sample : K4154-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

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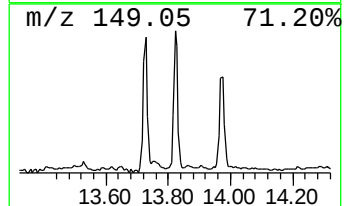
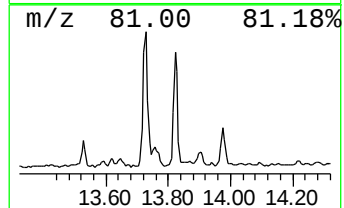
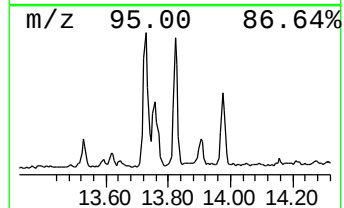
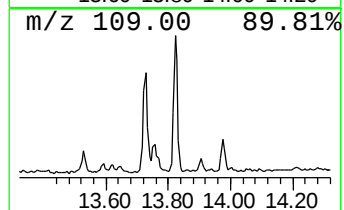
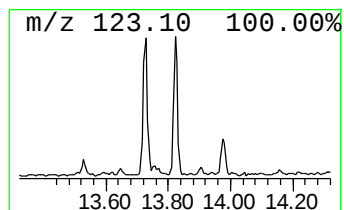
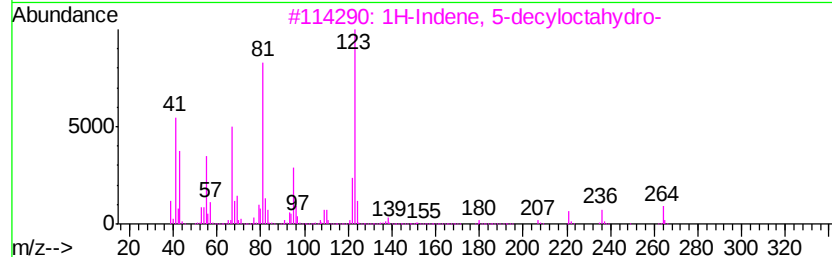
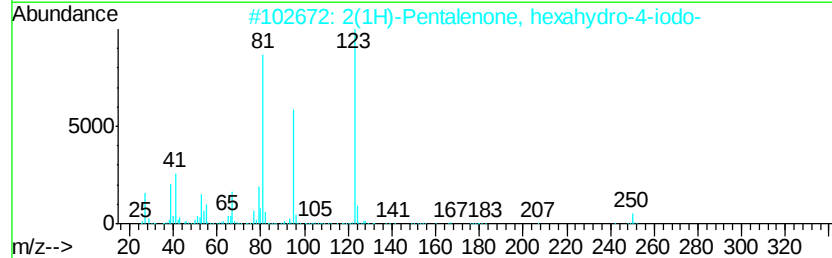
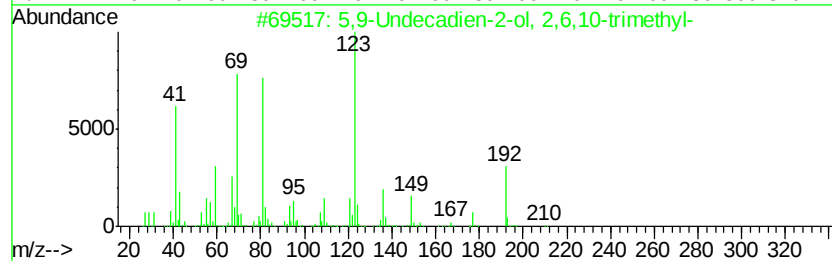
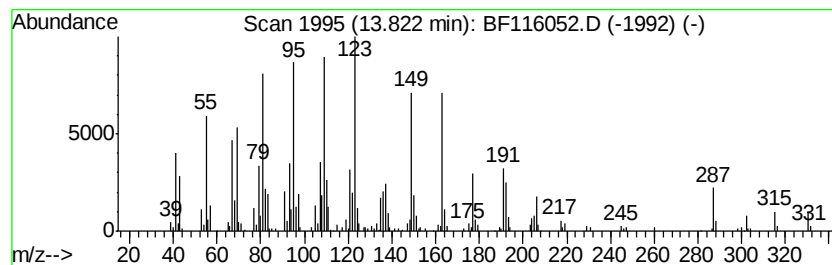
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown13.82 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	10.14 ng	420940	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,9-Undecadien-2-ol, 2,6,10-trim...	210	C14H26O	021980-62-1	35
2		2(1H)-Pentalenone, hexahydro-4-i...	250	C8H11IO	077070-56-5	27
3		1H-Indene, 5-decyloctahydro-	264	C19H36	055044-35-4	27
4		di-t-Butylacetylene	138	C10H18	017530-24-4	27
5		Hexahydroindole	123	C8H13N	018159-32-5	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116052.D
Acq On : 7 Aug 2019 17:33
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Instrument :
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ClientSampleId :
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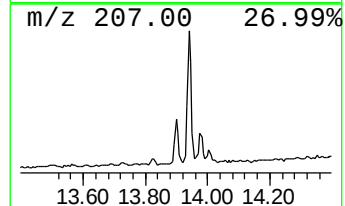
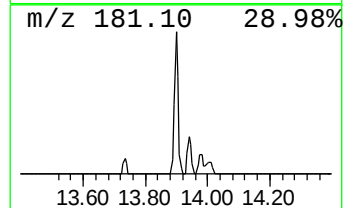
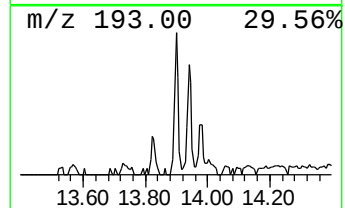
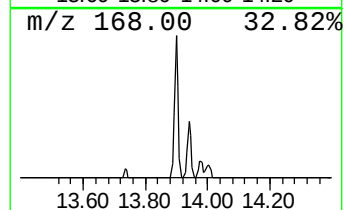
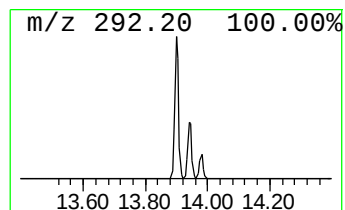
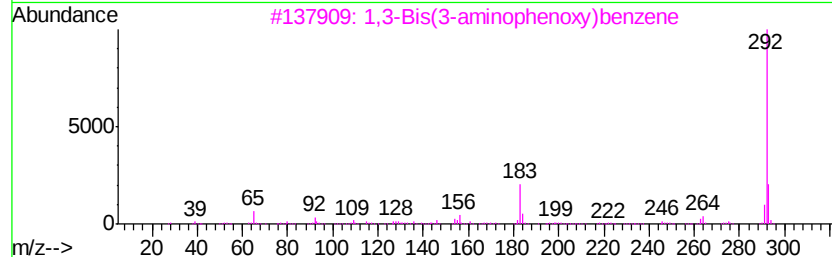
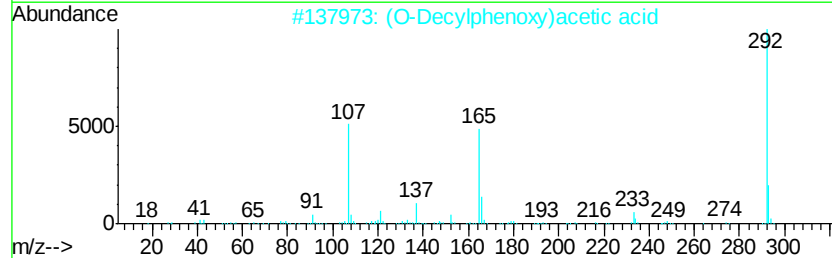
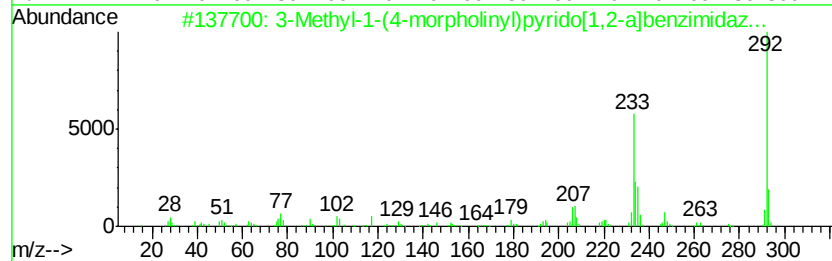
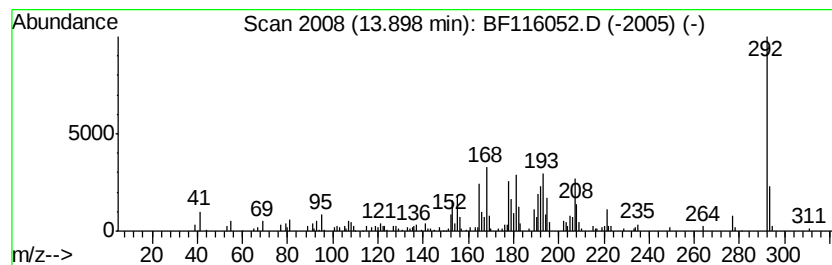
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown13.90 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	5.88 ng	243972	Chrysene-d12	14.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Methyl-1-(4-morpholinyl)pyrido...	292	C17H16N4O	1000331-84-7	35
2			(O-Decylphenoxy)acetic acid	292	C18H28O3	014353-81-2	35
3			1,3-Bis(3-aminophenoxy)benzene	292	C18H16N2O2	010526-07-5	30
4			1,1'-Biphenyl, 4,4-bis(1-pyrroli...	292	C20H24N2	1000193-54-6	30
5			Benzoxazole, 2-[(2,3-dihydro-3,5...	292	C18H16N2O2	024261-18-5	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116052.D
Acq On : 7 Aug 2019 17:33
Operator : HP/JU
Sample : K4154-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

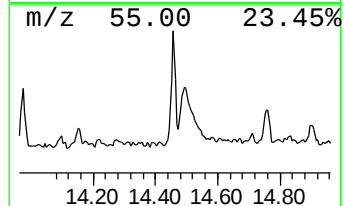
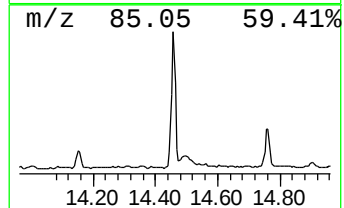
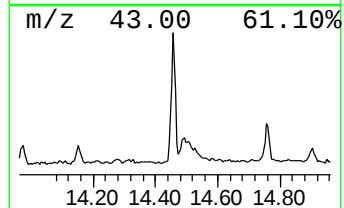
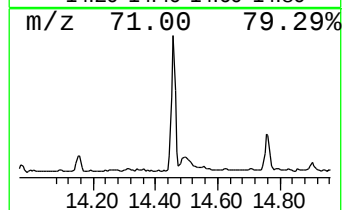
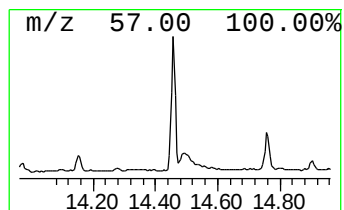
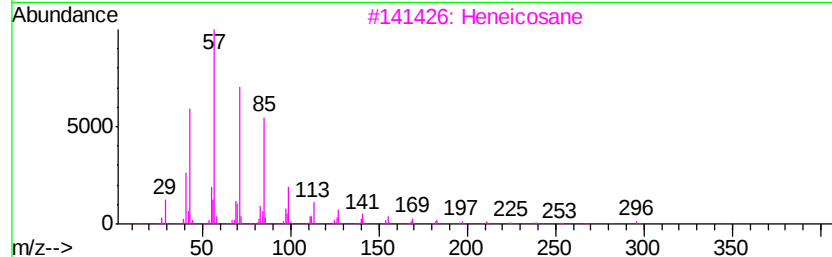
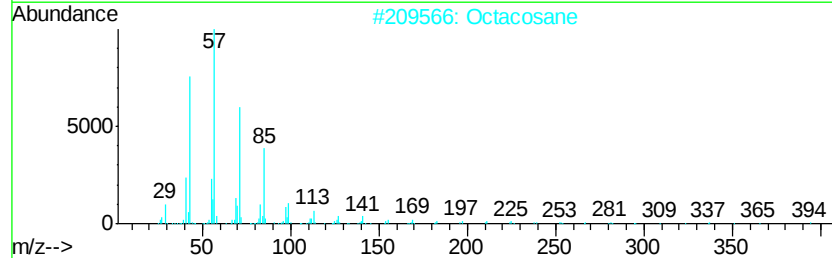
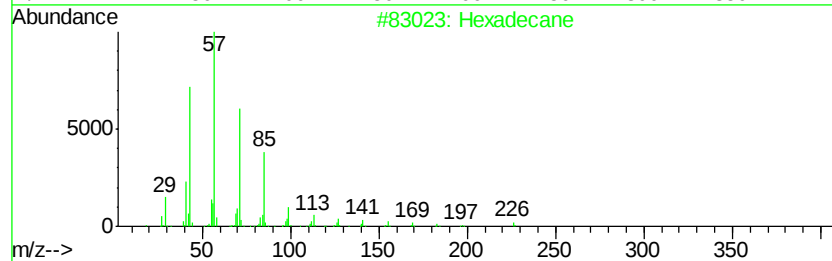
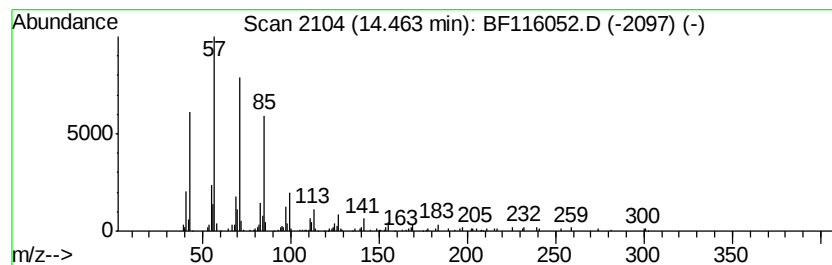
Instrument :
BNA_F
ClientSampleId :
PS-2

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

Peak Number 9 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.46	8.13 ng	337398	Chrysene-d12	14.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116052.D
Acq On : 7 Aug 2019 17:33
Operator : HP/JU
Sample : K4154-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

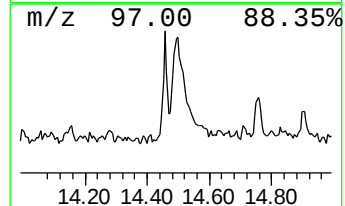
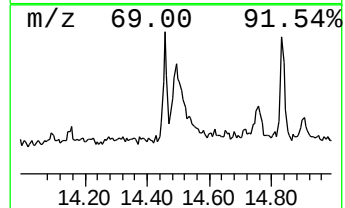
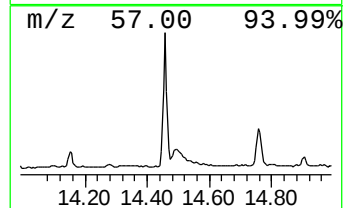
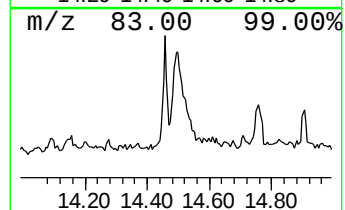
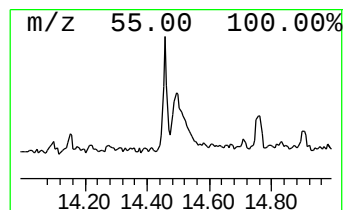
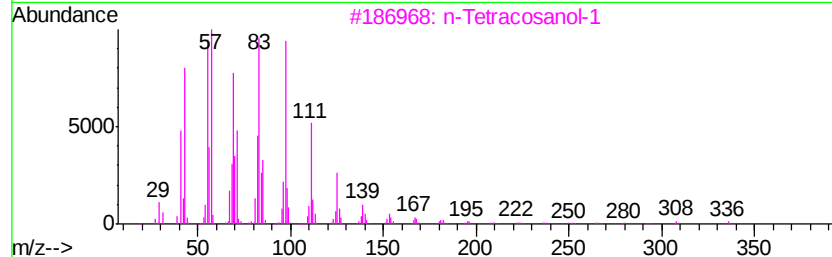
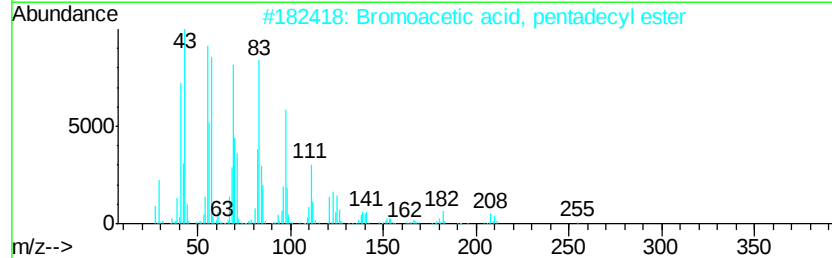
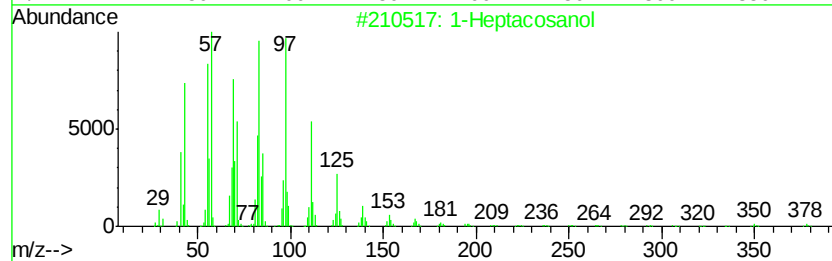
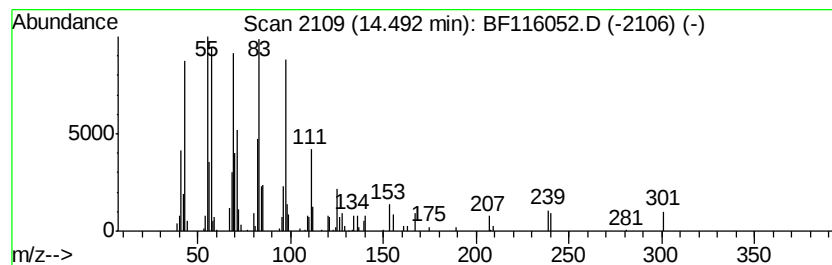
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Heptacosanol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.49	2.86 ng	118625	Chrysene-d12	14.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	90
2	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	87
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	76
4	Behenic alcohol	326	C22H46O	000661-19-8	62
5	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116052.D
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Sample : K4154-02
Misc :
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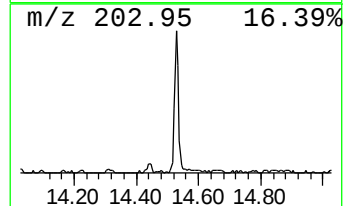
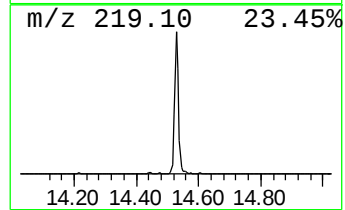
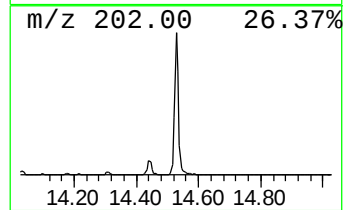
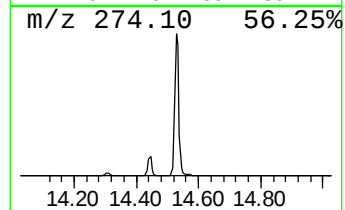
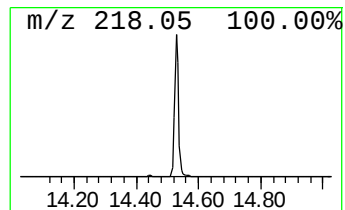
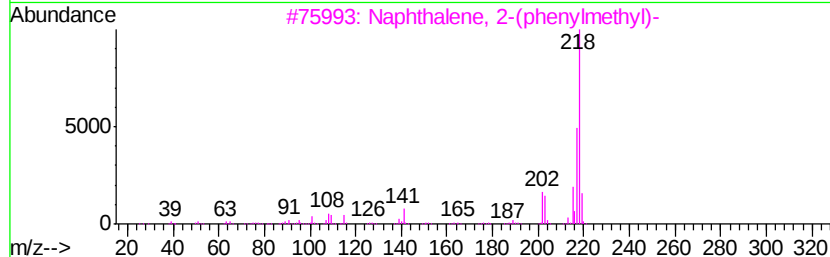
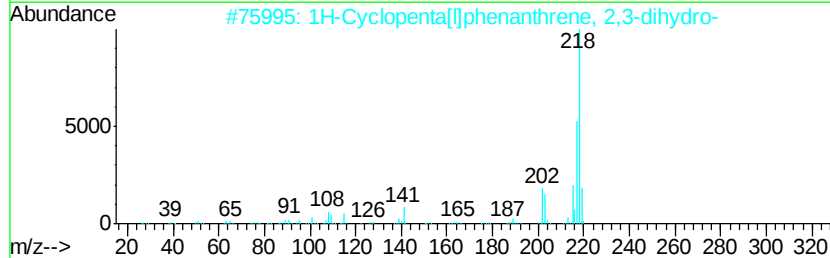
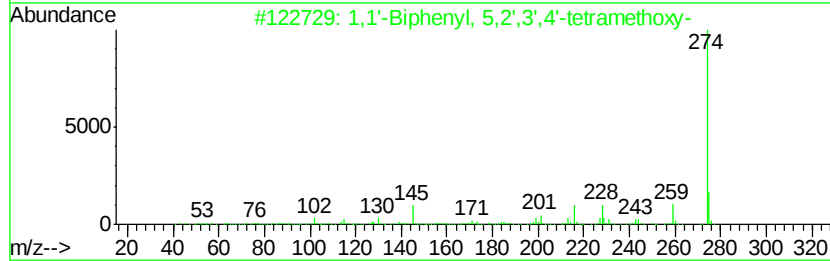
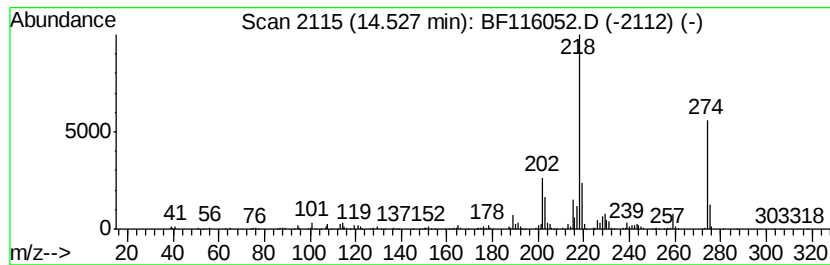
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 5,2',3',4'-t... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.53	14.52 ng	602624	Chrysene-d12		14.00	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,1'-Biphenyl, 5,2',3',4'-tetram...	274	C16H18O4	119101-30-3	56
2		1H-Cyclopenta[1]phenanthrene, 2,...	218	C17H14	000723-98-8	49
3		Naphthalene, 2-(phenylmethvl)-	218	C17H14	000613-59-2	46
4		Benzenamine, 2-bromo-4-nitro-	216	C6H5BrN2O2	013296-94-1	46
5		Pyrrolo[2,3-b]indol-5-ol, 1,2,3,...	218	C13H18N2O	000469-22-7	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116052.D
Acq On : 7 Aug 2019 17:33
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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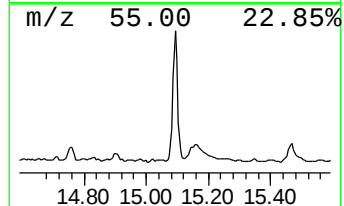
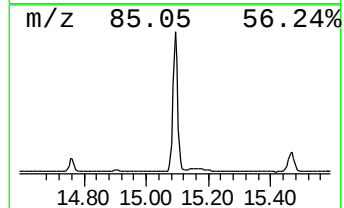
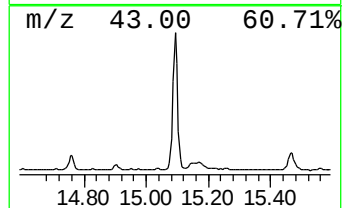
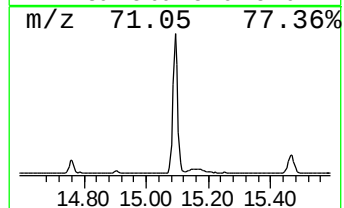
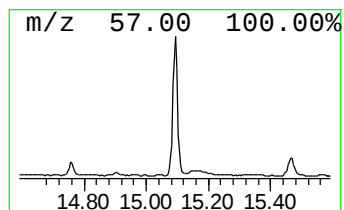
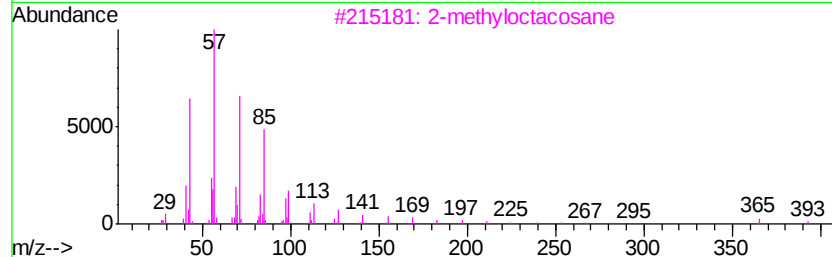
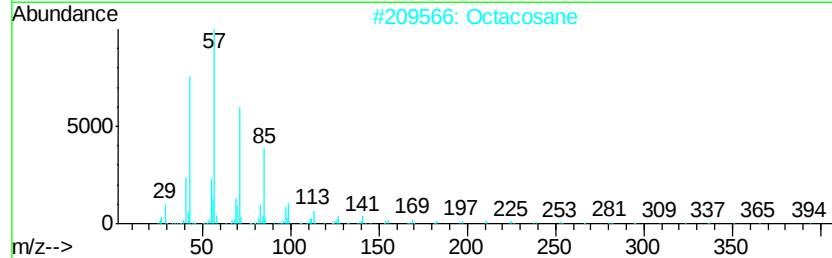
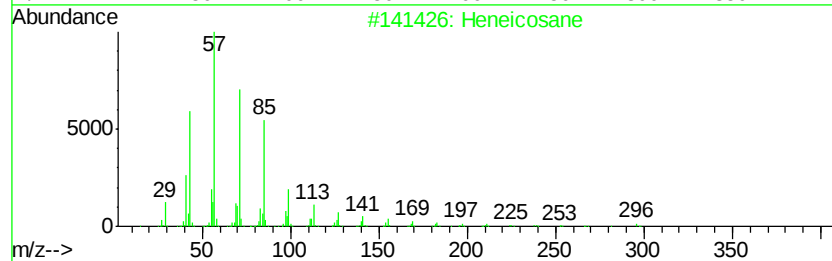
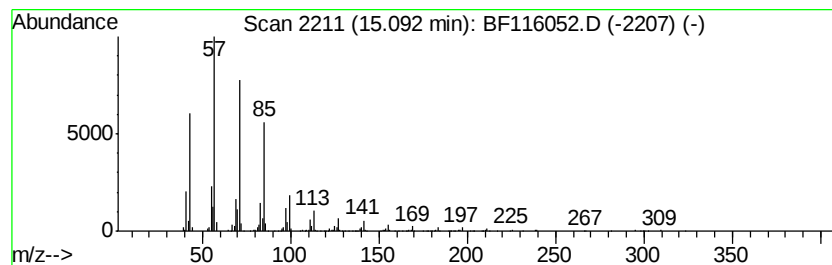
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	13.95 ng	795496	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116052.D
Acq On : 7 Aug 2019 17:33
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Sample : K4154-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

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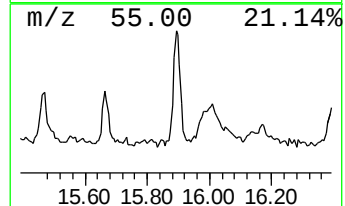
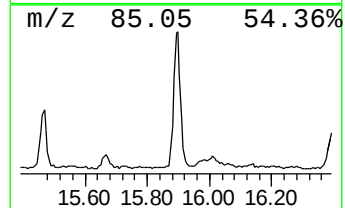
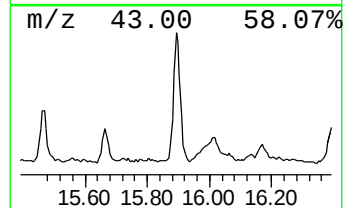
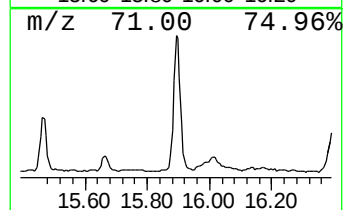
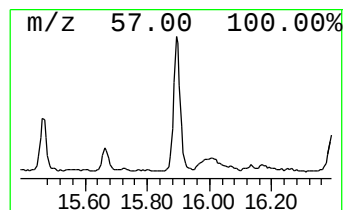
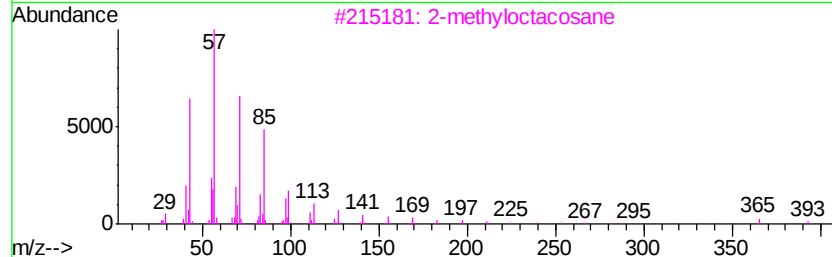
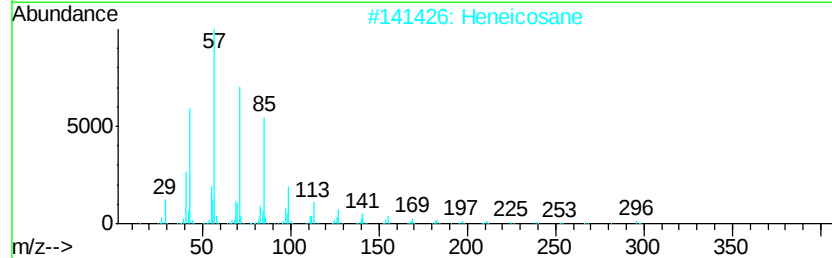
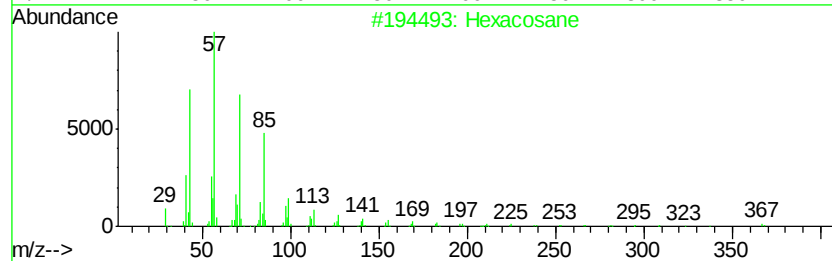
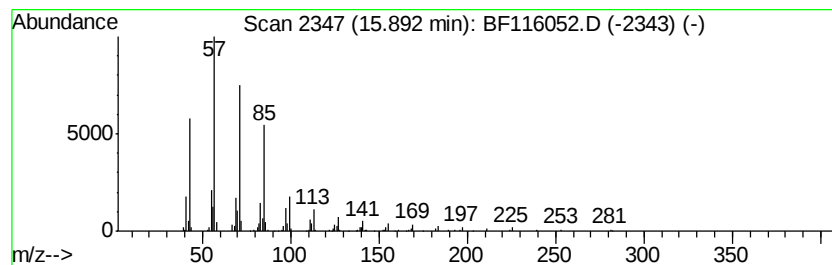
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	6.21 ng	353859	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116052.D
Acq On : 7 Aug 2019 17:33
Operator : HP/JU
Sample : K4154-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PS-2

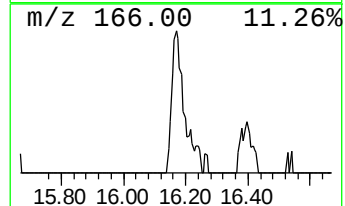
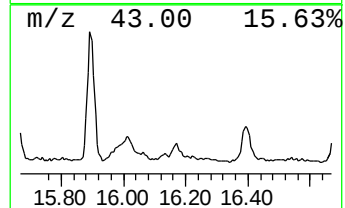
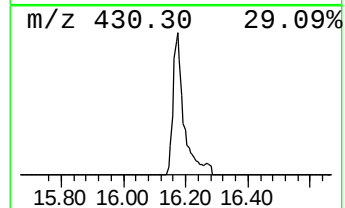
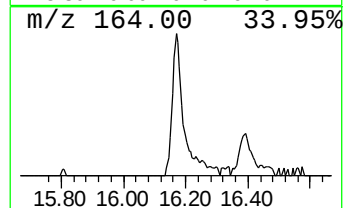
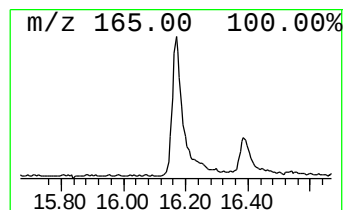
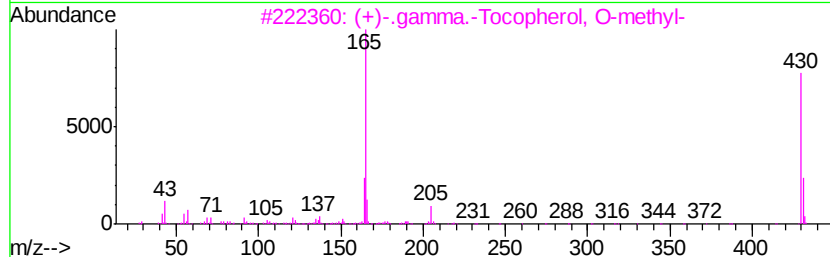
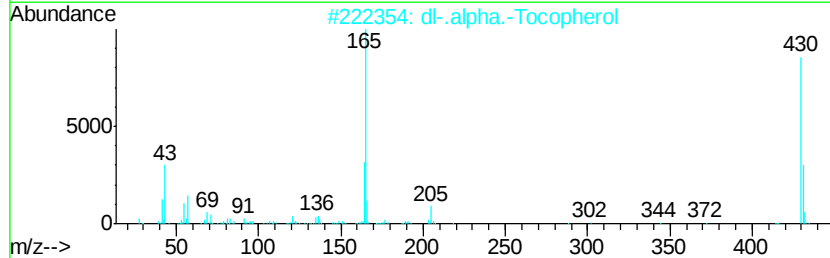
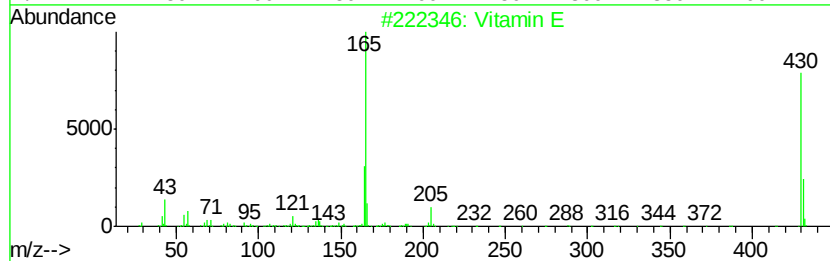
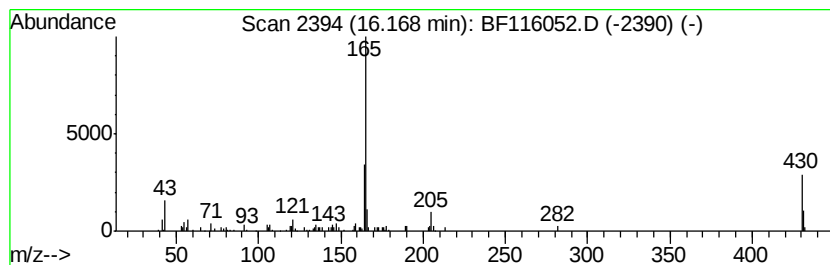
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Vitamin E Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	2.85 ng	162750	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Vitamin E	430	C29H50O2	000059-02-9	94
2		dl-.alpha.-Tocopherol	430	C29H50O2	010191-41-0	94
3		(+)-.gamma.-Tocopherol, 0-methyl-	430	C29H50O2	1000374-72-2	91
4		7-Methyl-8-oxo-1,2,3,4-tetrahydr...	165	C8H11N3O	026955-10-2	50
5		Isoxaben	332	C18H24N2O4	082558-50-7	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
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Sample : K4154-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

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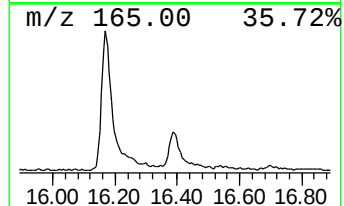
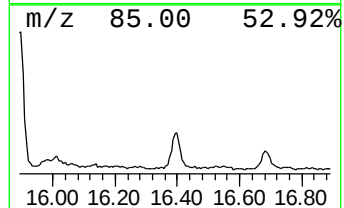
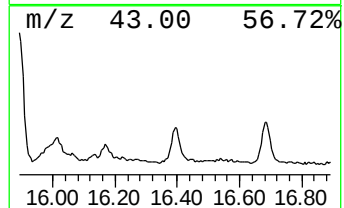
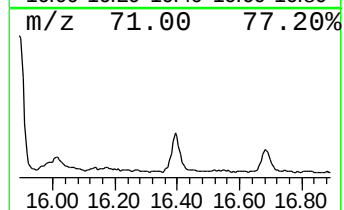
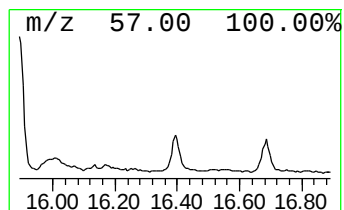
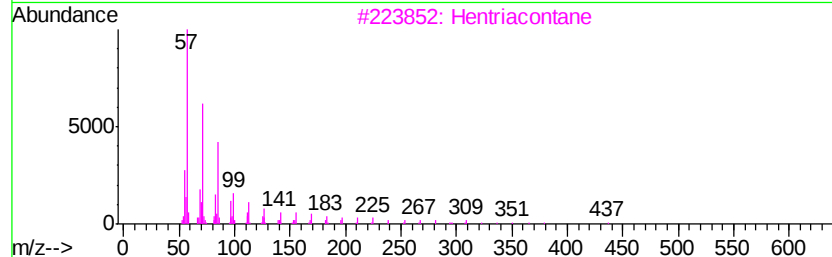
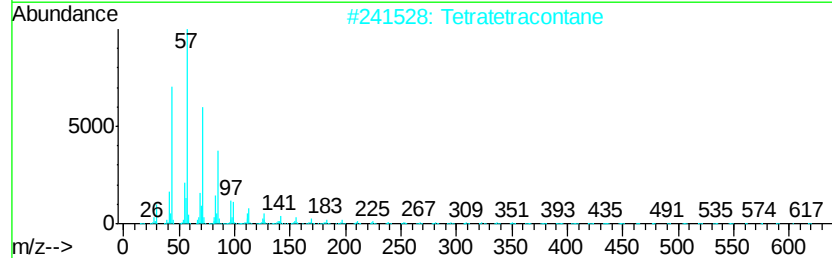
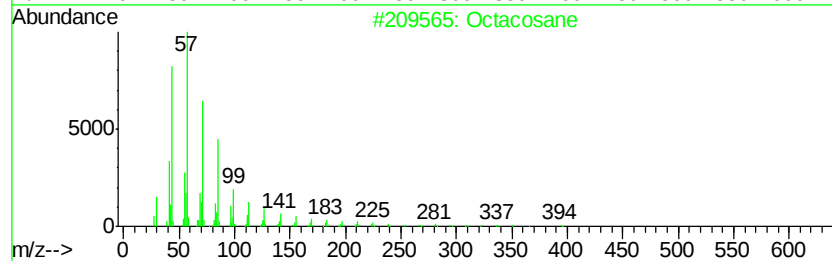
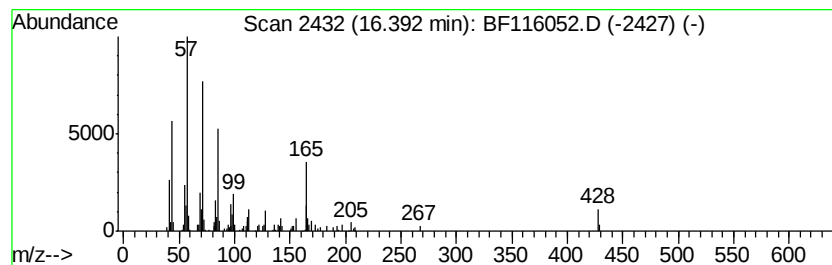
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	3.03 ng	172503	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	81
2		Tetratetracontane	619	C44H90	007098-22-8	81
3		Hentriacontane	437	C31H64	000630-04-6	81
4		Hexacosane	366	C26H54	000630-01-3	81
5		Heptacosane	380	C27H56	000593-49-7	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
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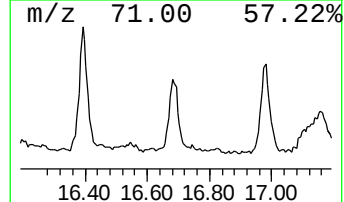
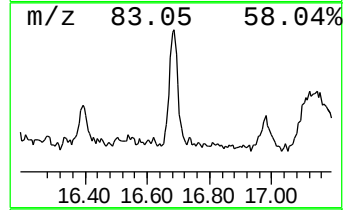
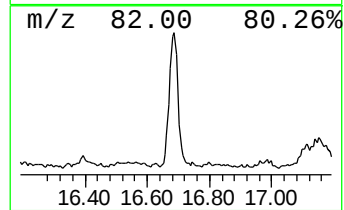
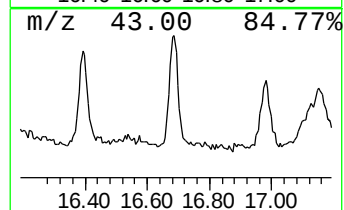
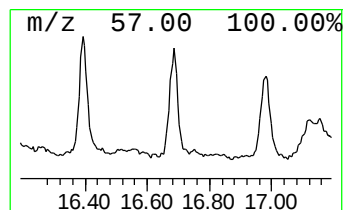
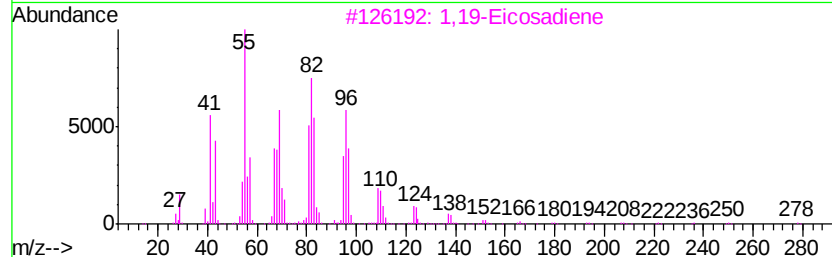
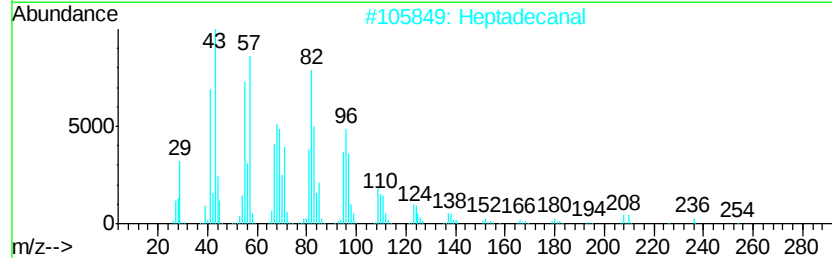
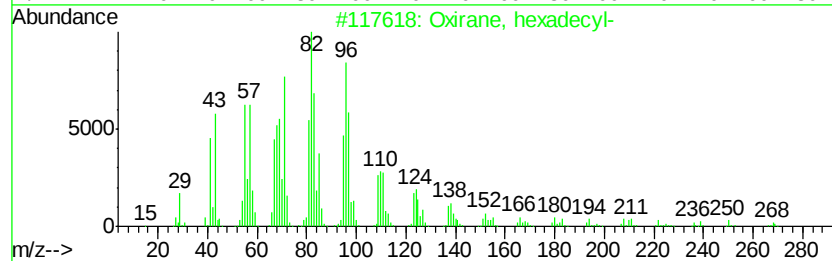
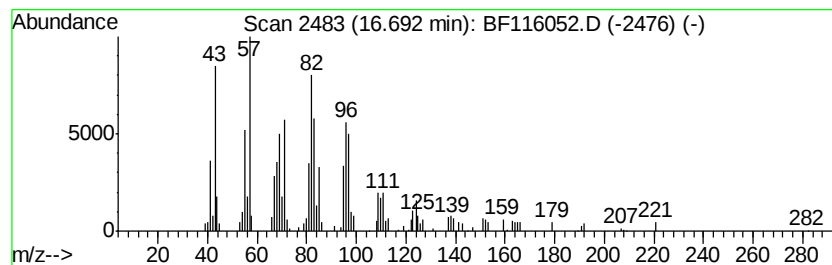
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 16 Oxirane, hexadecyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	3.70 ng	211020	Perylene-d12	15.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Oxirane, hexadecyl-	268 C18H36O	007390-81-0 93
2		Heptadecanal	254 C17H34O	1000376-70-0 91
3		1,19-Eicosadiene	278 C20H38	014811-95-1 68
4		1,16-Hexadecanediol	258 C16H34O2	007735-42-4 64
5		Dodecane, 6-cyclohexyl-	252 C18H36	013151-86-5 58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
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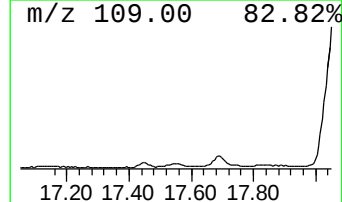
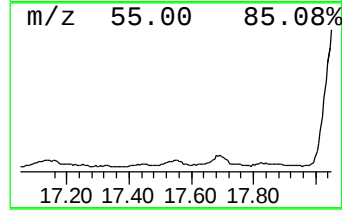
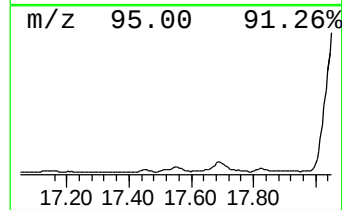
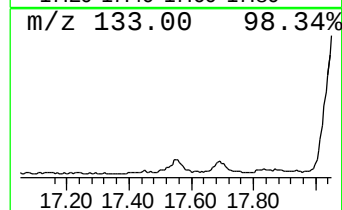
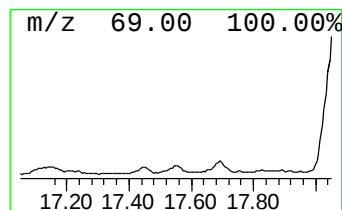
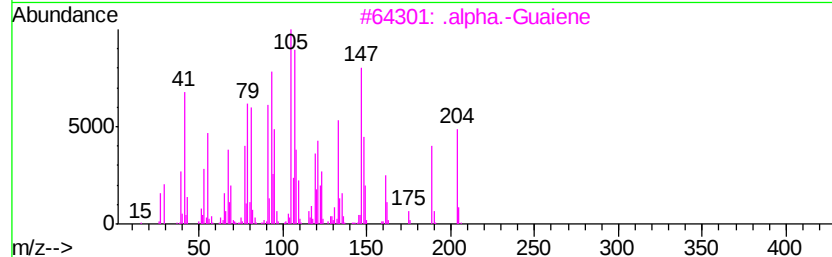
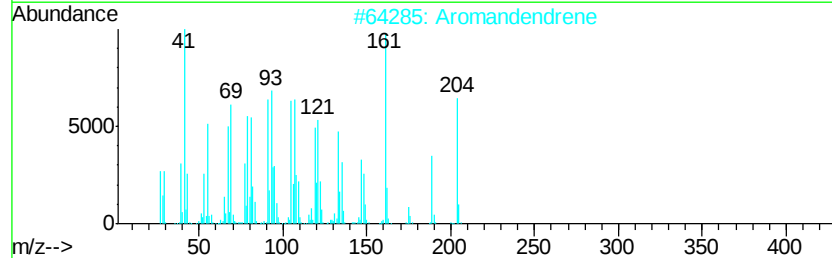
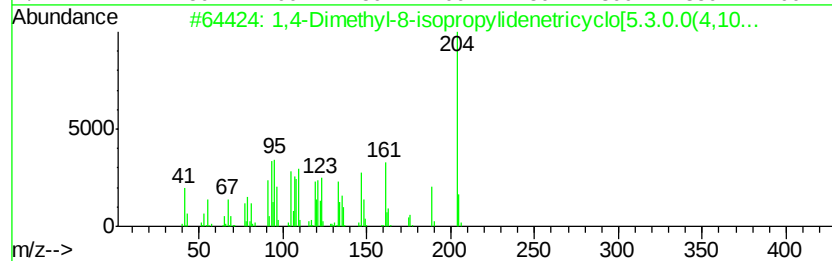
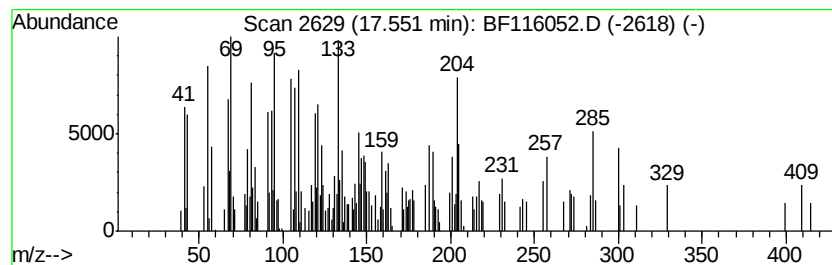
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1,4-Dimethyl-8-isopropylide... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.55	5.72 ng	326311	Perylene-d12	15.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	53
2			Aromandendrene	204	C15H24	000489-39-4	46
3			.alpha.-Guaiene	204	C15H24	003691-12-1	45
4			1,3-Dimethyl-5-(propen-1-yl)adam...	204	C15H24	057040-48-9	43
5			cis-(-)-2,4a,5,6,9a-Hexahydro-3,...	204	C15H24	1000104-20-1	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
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Acq On : 7 Aug 2019 17:33
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ClientSampleId :
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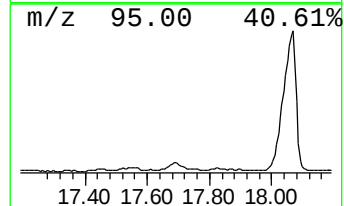
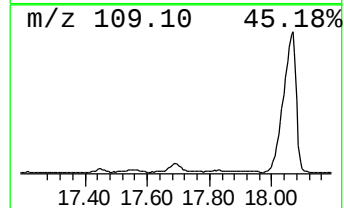
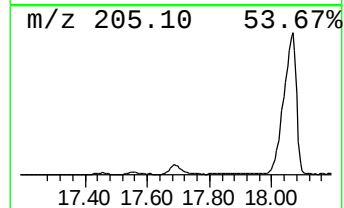
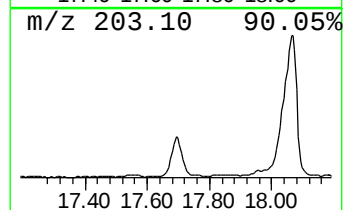
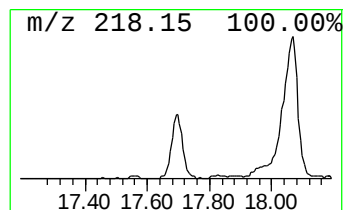
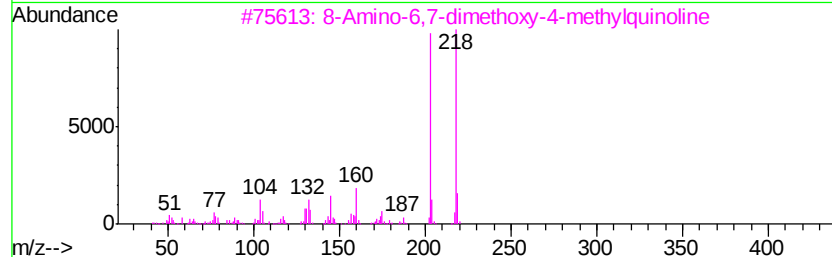
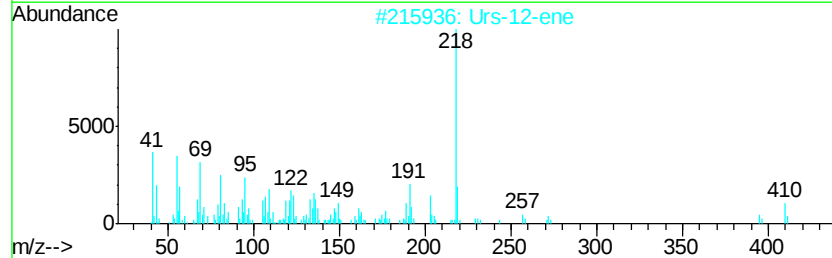
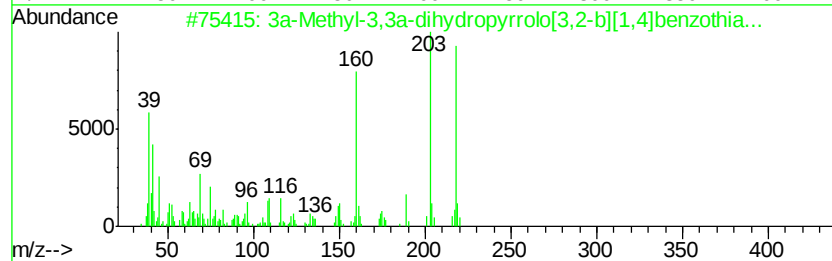
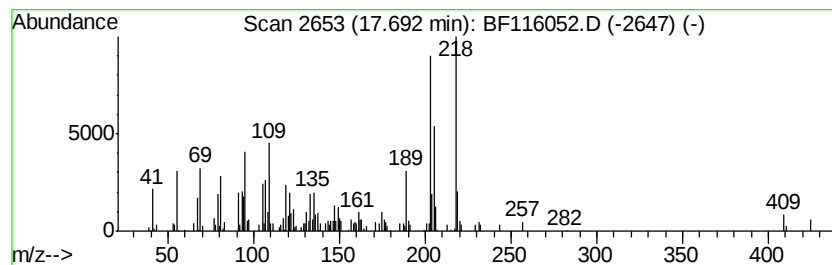
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown17.69 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	6.11 ng	348288	Perylene-d12	15.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3a-Methyl-3,3a-dihydroprrolo[3,...	218	C11H10N2O5	017163-68-7	43
2			Urs-12-ene	410	C30H50	000464-97-1	43
3			8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	43
4			3-Amino-5-piperonyl-1,2,4-triazole	218	C10H10N4O2	014730-92-8	35
5			Anthracene, 9-(2-propenyl)-	218	C17H14	023707-65-5	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
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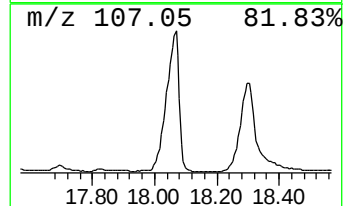
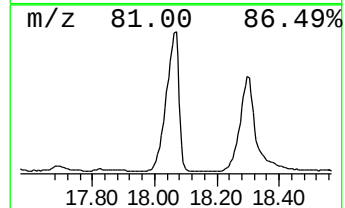
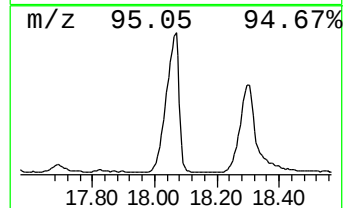
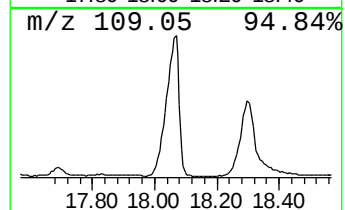
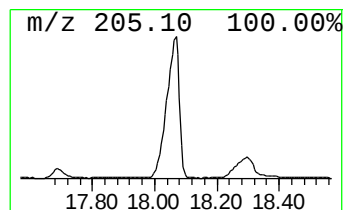
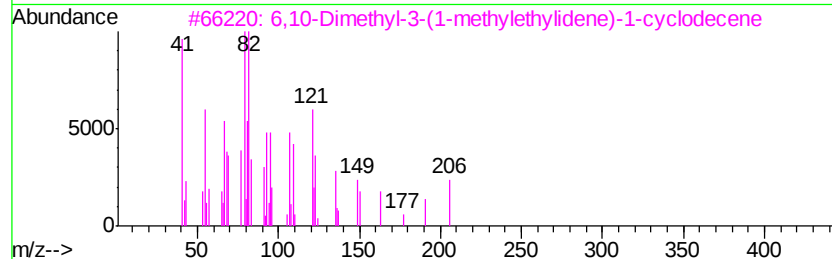
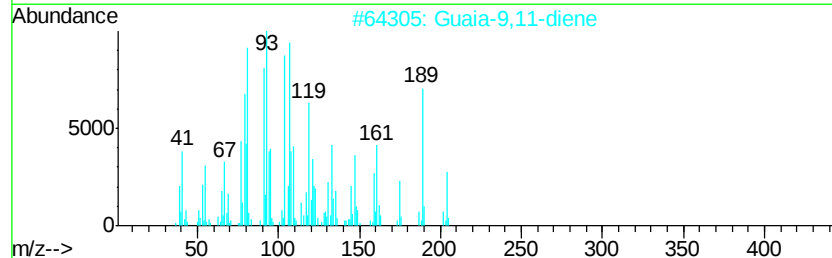
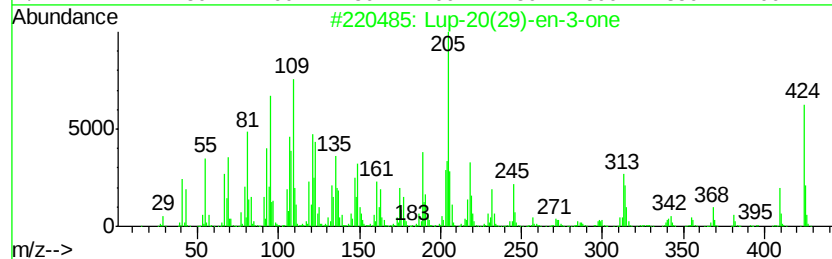
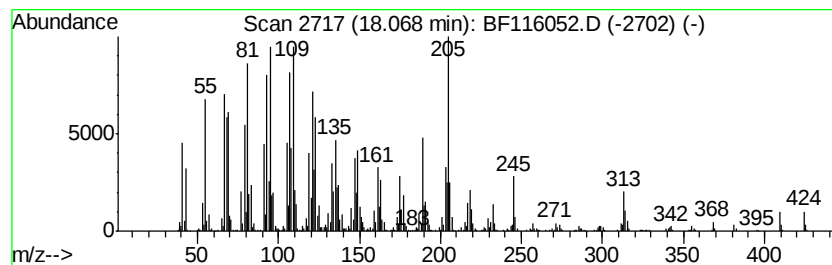
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Lup-20(29)-en-3-one Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	148.47 ng	8466030	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	86
2		Guaia-9,11-diene	204	C15H24	1000374-19-8	70
3		6,10-Dimethyl-3-(1-methylethylidene)-1-cyclodecene	206	C15H26	069239-71-0	55
4		2,6,6,9,2',6',9'-Octamethyl-1-cyclodecene	410	C30H50	1000189-48-2	46
5		1-Isopropenyl-3-propenylcyclopent-1-ene	150	C11H18	1000192-81-2	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116052.D
Acq On : 7 Aug 2019 17:33
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Sample : K4154-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

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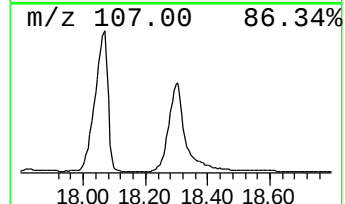
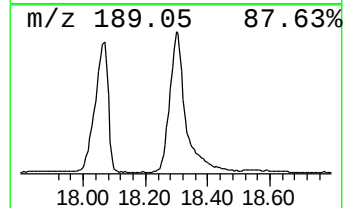
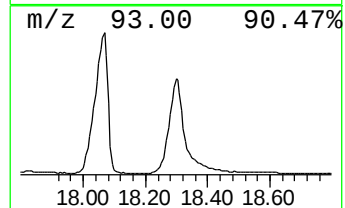
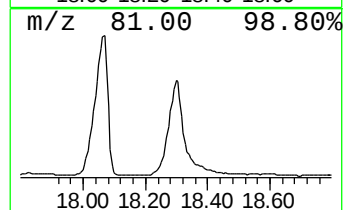
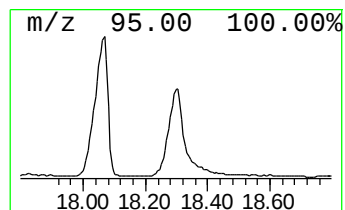
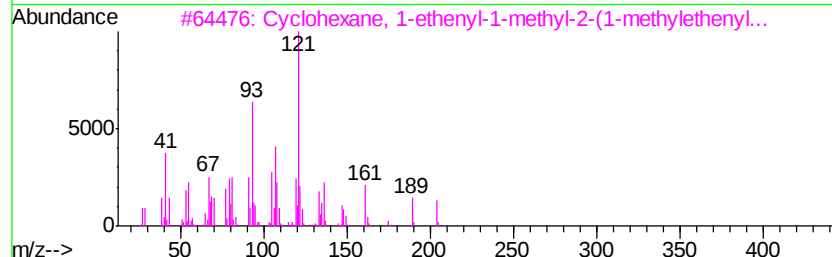
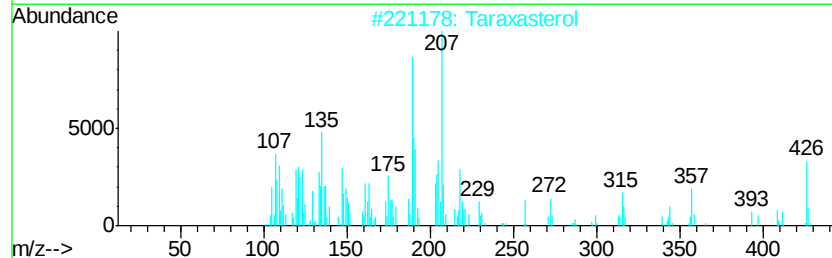
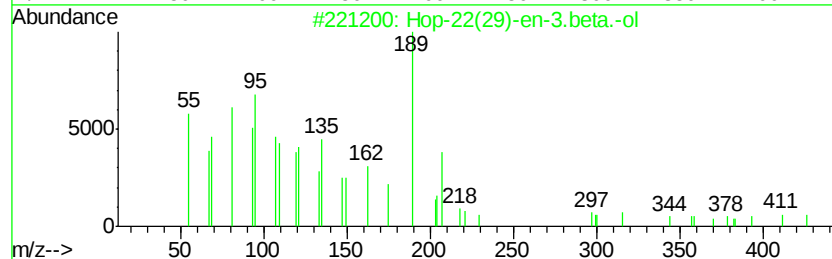
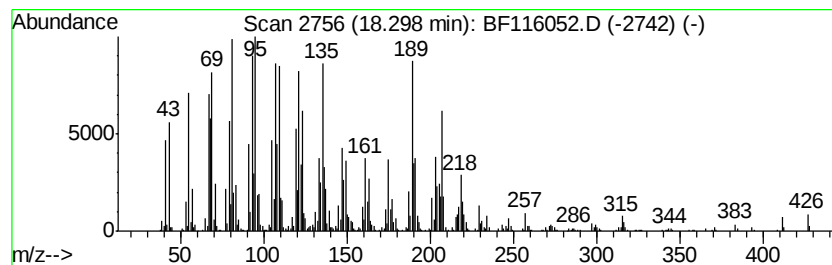
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hop-22(29)-en-3.beta.-ol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	125.55 ng	7158680	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hop-22(29)-en-3.beta.-ol	426	C30H500	058801-23-3	90
2		Taraxasterol	426	C30H500	001059-14-9	72
3		Cyclohexane, 1-ethenvl-1-methyl-...	204	C15H24	003242-08-8	46
4		Guaia-9,11-diene	204	C15H24	1000374-19-8	42
5		Longifolenaldehyde	220	C15H240	019890-84-7	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080719\
 Data File : BF116052.D
 Acq On : 7 Aug 2019 17:33
 Operator : HP/JU
 Sample : K4154-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-2

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	31.5	ng	1363370	1	6.85	864422	20.0
unknown6.62	6.62	72.7	ng	3142550	1	6.85	864422	20.0
unknown13.53	13.53	3.9	ng	162271	5	14.00	830162	20.0
Picein	13.73	13.7	ng	569382	5	14.00	830162	20.0
rotundene	13.76	4.0	ng	164655	5	14.00	830162	20.0
unknown13.82	13.82	10.1	ng	420940	5	14.00	830162	20.0
unknown13.90	13.90	5.9	ng	243972	5	14.00	830162	20.0
Hexadecane	14.46	8.1	ng	337398	5	14.00	830162	20.0
1-Heptacosanol	14.49	2.9	ng	118625	5	14.00	830162	20.0
1,1'-Biphenyl, 5,...	14.53	14.5	ng	602624	5	14.00	830162	20.0
Heneicosane	15.09	13.9	ng	795496	6	15.47	1140410	20.0
Hexacosane	15.89	6.2	ng	353859	6	15.47	1140410	20.0
Vitamin E	16.17	2.9	ng	162750	6	15.47	1140410	20.0
Octacosane	16.39	3.0	ng	172503	6	15.47	1140410	20.0
Oxirane, hexadecyl-	16.69	3.7	ng	211020	6	15.47	1140410	20.0
1,4-Dimethyl-8-is...	17.55	5.7	ng	326311	6	15.47	1140410	20.0
unknown17.69	17.69	6.1	ng	348288	6	15.47	1140410	20.0
Lup-20(29)-en-3-one	18.07	148.5	ng	8466030	6	15.47	1140410	20.0
Hop-22(29)-en-3.b...	18.30	125.6	ng	7158680	6	15.47	1140410	20.0