

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
 Data File : BF116326.D
 Acq On : 16 Aug 2019 19:12
 Operator : HP/JU
 Sample : K4356-11
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

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	2.110	3	4	18	rVB	1315248	1362712	55.29%	4.488%
2	5.446	568	571	601	rBV	1994281	2310111	93.73%	7.608%
3	6.457	739	743	762	rBV	2271571	2434146	98.77%	8.017%
4	6.593	762	766	773	rVB	2584601	2464571	100.00%	8.117%
5	6.816	801	804	816	rBV	869193	819198	33.24%	2.698%
6	6.969	827	830	849	rBV	1842120	1871121	75.92%	6.163%
7	7.381	897	900	921	rBV	1535031	1638320	66.47%	5.396%
8	8.098	1019	1022	1044	rVB	1023536	1050289	42.62%	3.459%
9	9.169	1200	1204	1216	rBV	2450415	2272953	92.23%	7.486%
10	9.563	1268	1271	1294	rBV	470825	508647	20.64%	1.675%
11	9.845	1316	1319	1334	rBV	1274705	1236747	50.18%	4.073%
12	10.639	1450	1454	1470	rBV	1558141	1657829	67.27%	5.460%
13	11.339	1569	1573	1583	rBV	1075033	1250076	50.72%	4.117%
14	11.857	1658	1661	1670	rBV2	36425	60966	2.47%	0.201%
15	12.410	1752	1755	1760	rVB	37999	29629	1.20%	0.098%
16	12.910	1837	1840	1852	rBV	1988537	1896264	76.94%	6.245%
17	13.133	1874	1878	1884	rBV	57831	62309	2.53%	0.205%
18	13.474	1933	1936	1939	rBV	38515	35318	1.43%	0.116%
19	13.804	1988	1992	2000	rBV2	216537	387834	15.74%	1.277%
20	13.863	2000	2002	2012	rVV	57662	82537	3.35%	0.272%
21	13.945	2012	2016	2018	rVV	68450	65960	2.68%	0.217%
22	13.980	2018	2022	2034	rVB	884595	984306	39.94%	3.242%
23	14.116	2042	2045	2049	rBV	63845	64084	2.60%	0.211%
24	14.245	2064	2067	2070	rBV	44016	41463	1.68%	0.137%
25	14.439	2098	2100	2110	rVB	134685	246685	10.01%	0.812%
26	14.721	2143	2148	2153	rBV	153692	161140	6.54%	0.531%
27	14.863	2169	2172	2178	rVB2	37568	37805	1.53%	0.125%
28	15.051	2198	2204	2208	rBV	223232	269244	10.92%	0.887%
29	15.439	2260	2270	2292	rVB2	518718	1047233	42.49%	3.449%
30	15.833	2332	2337	2344	rBV	152475	225376	9.14%	0.742%
31	16.110	2381	2384	2390	rVB5	14545	24994	1.01%	0.082%
32	16.321	2415	2420	2429	rVB	73698	129555	5.26%	0.427%
33	16.739	2484	2491	2504	rVB7	15428	55226	2.24%	0.182%
34	16.892	2512	2517	2524	rVB2	28151	58786	2.39%	0.194%

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Start Thrs: 0.2 Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	17.474	2601	2616	2625	rBV2	680882	1552522	62.99%	5.113%
36	17.721	2651	2658	2685	rBV5	107816	471865	19.15%	1.554%
37	17.933	2686	2694	2705	rVB2	420406	979364	39.74%	3.226%
38	18.192	2726	2738	2745	rBV2	36872	161364	6.55%	0.531%
39	18.280	2746	2753	2764	rVB4	137111	354153	14.37%	1.166%

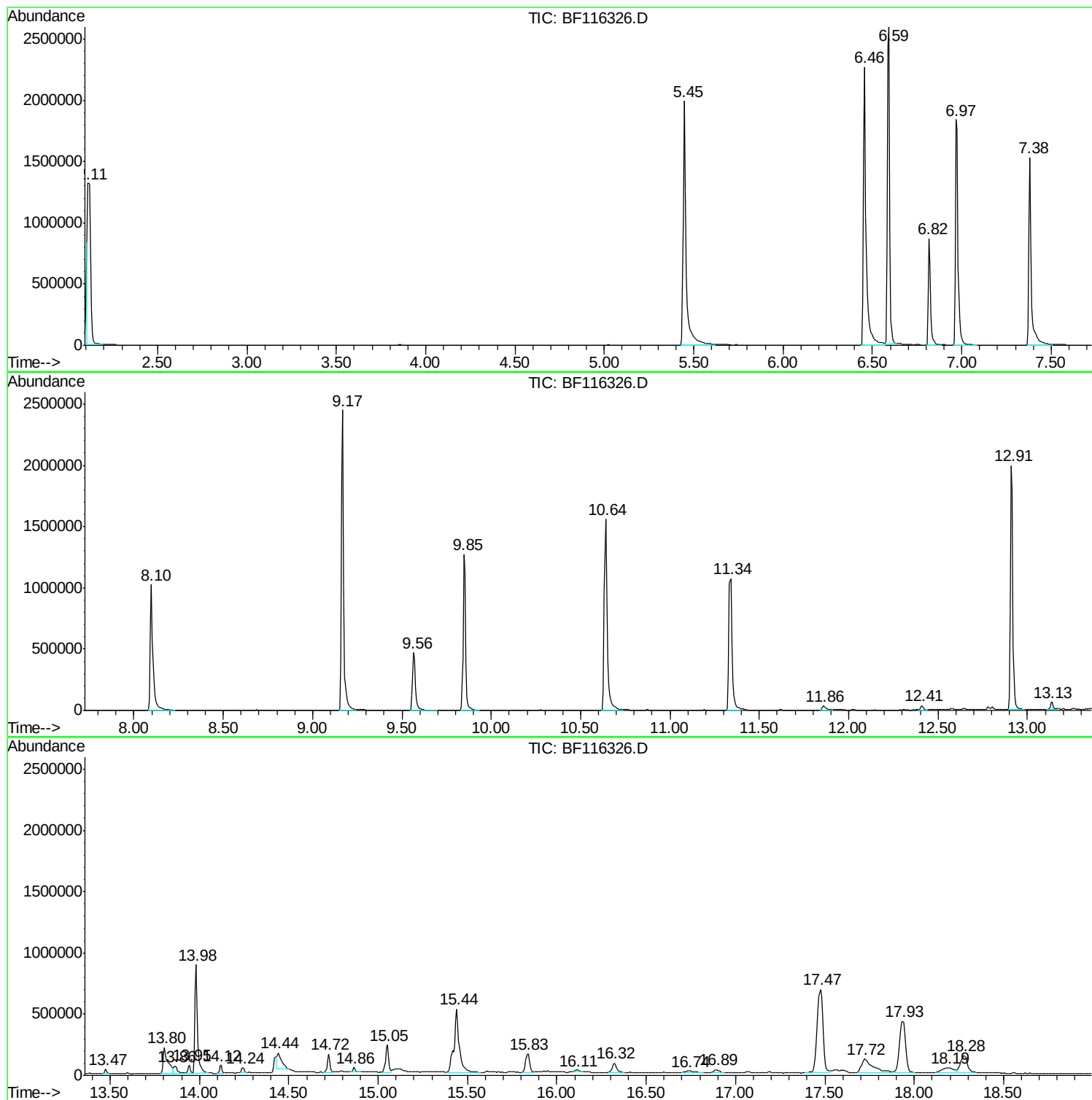
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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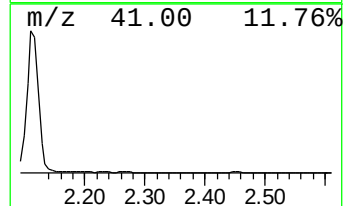
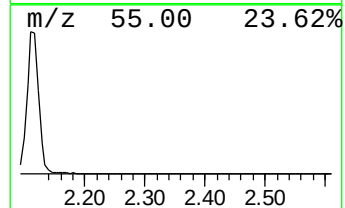
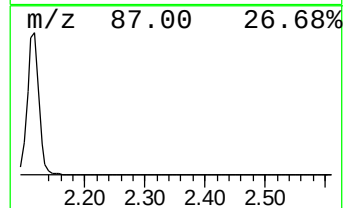
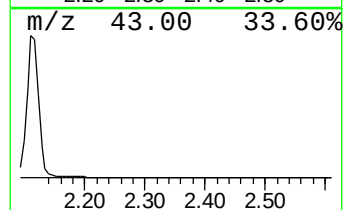
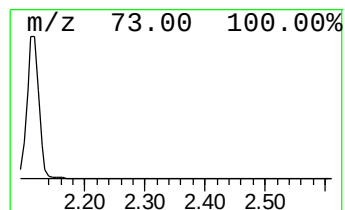
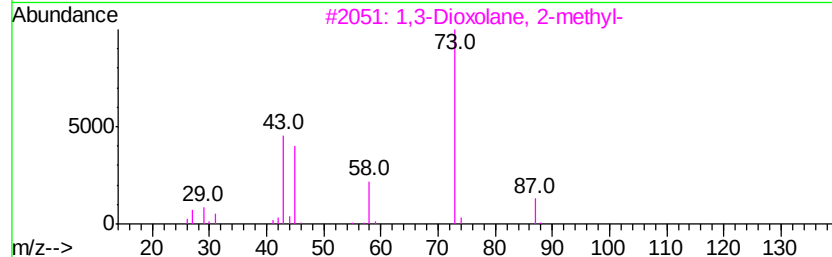
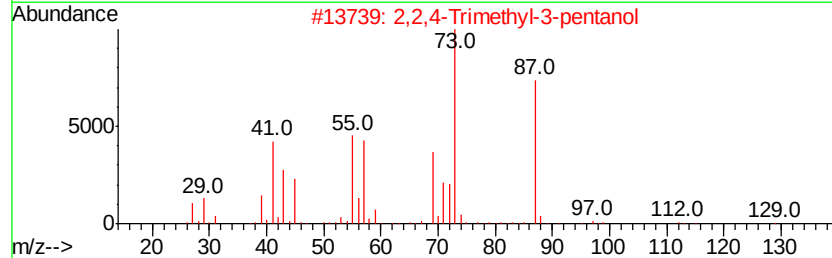
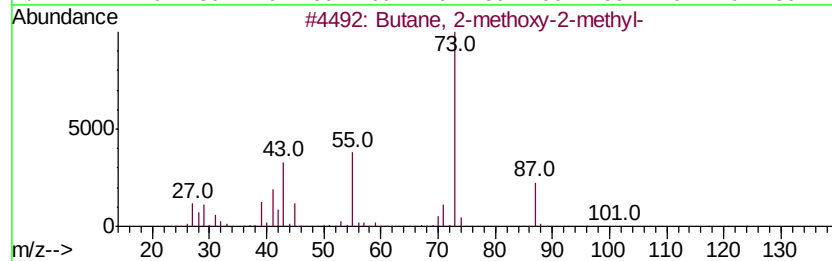
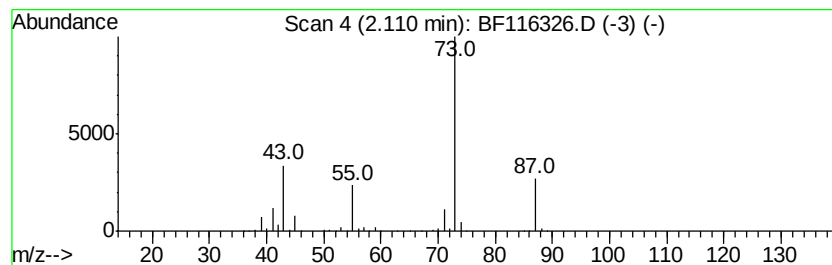
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.11	33.27 ng	1362710	1,4-Dichlorobenzene-d4	6.82

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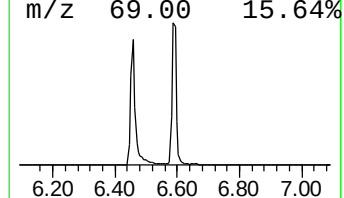
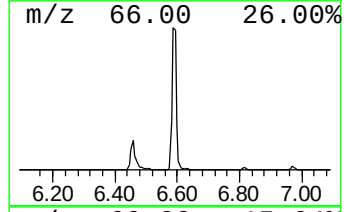
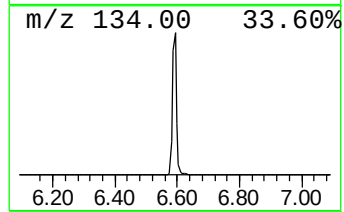
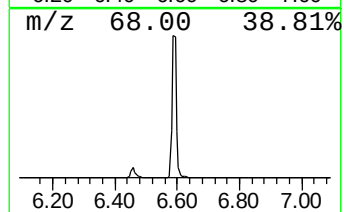
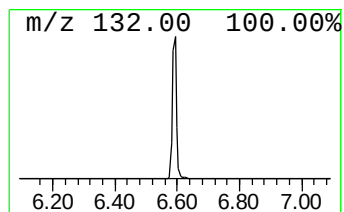
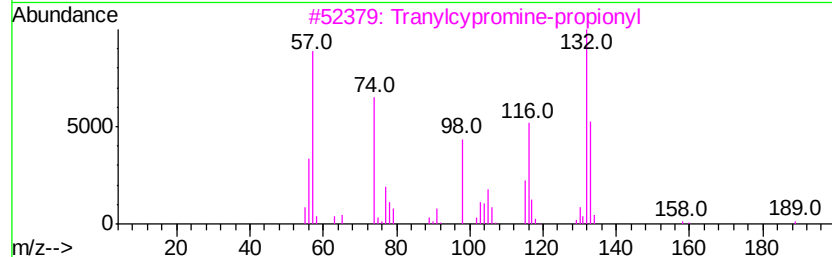
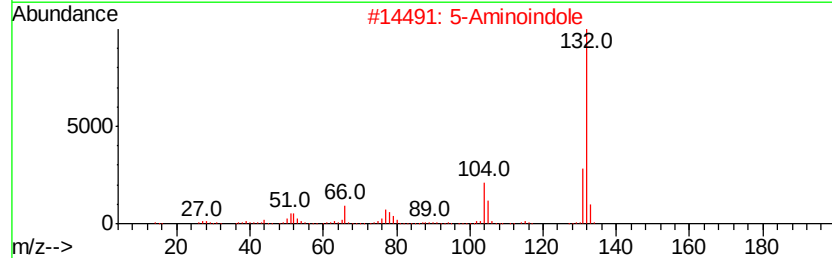
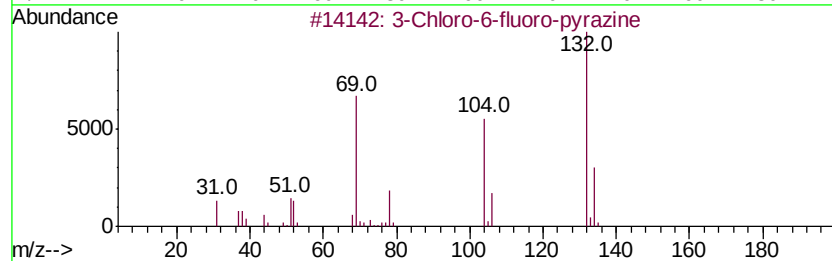
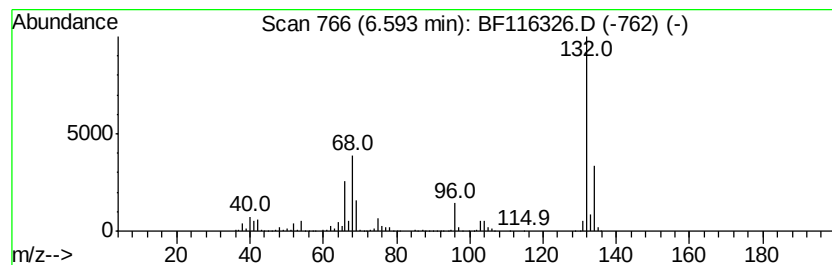
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	60.17 ng	2464570	1,4-Dichlorobenzene-d4	6.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			5-Aminoindole	132	C8H8N2	005192-03-0	22
3			Tranvlcypramine-propionyl	189	C12H15NO	1000123-86-3	12
4			Xenon	132	Xe	007440-63-3	9
5			1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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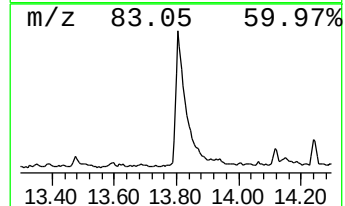
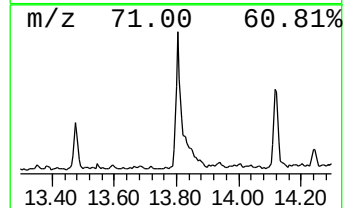
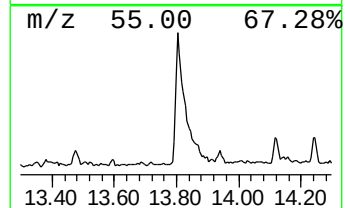
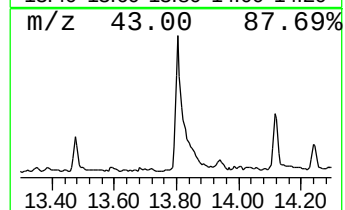
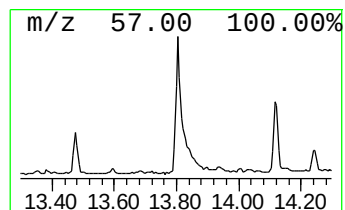
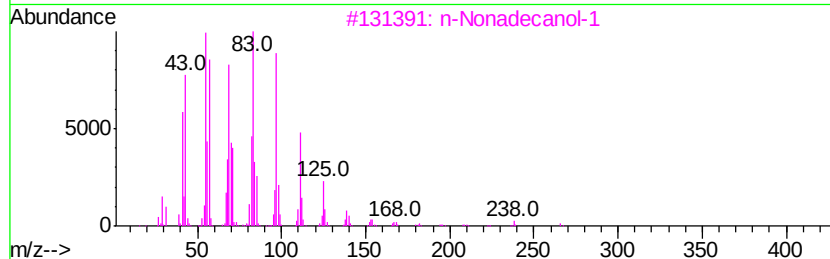
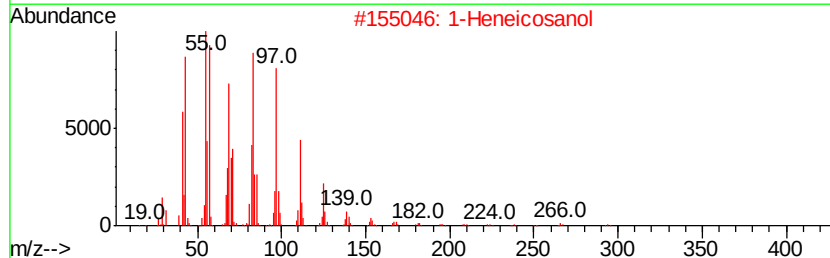
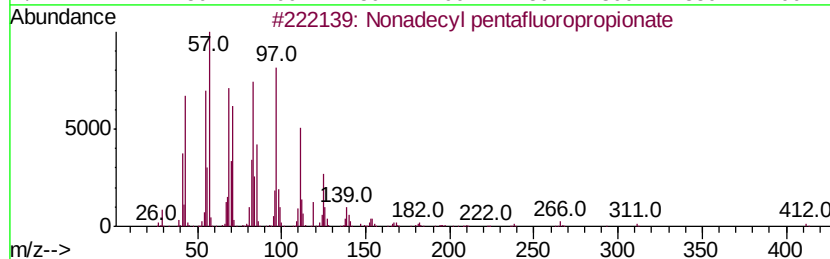
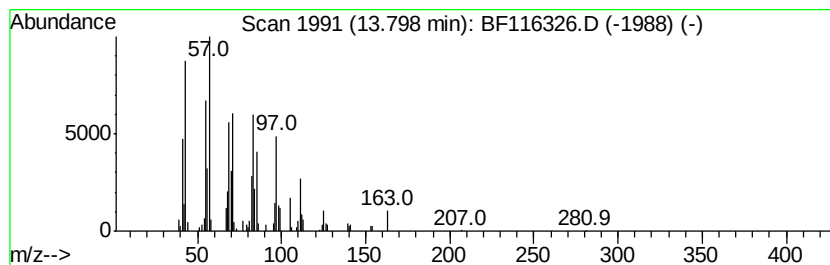
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Nonadecyl pentafluoropropio... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	7.88 ng	387834	Chrysene-d12	13.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	87
2			1-Heneicosanol	312	C21H44O	015594-90-8	76
3			n-Nonadecanol-1	284	C19H40O	001454-84-8	76
4			Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	76
5			Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	76



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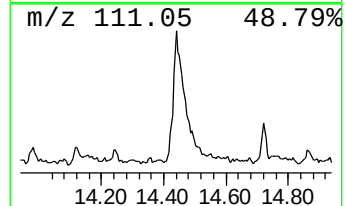
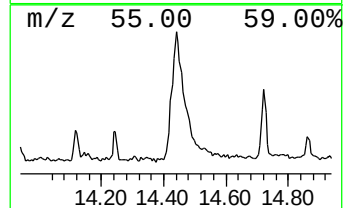
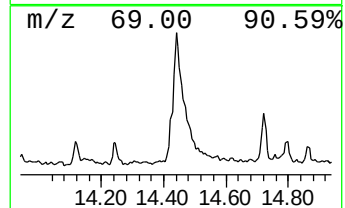
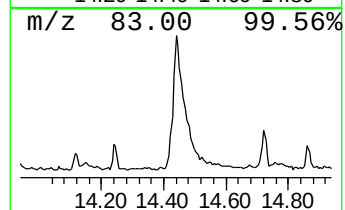
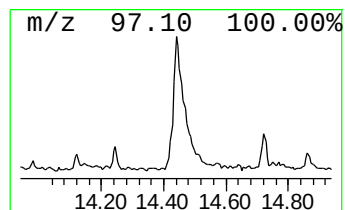
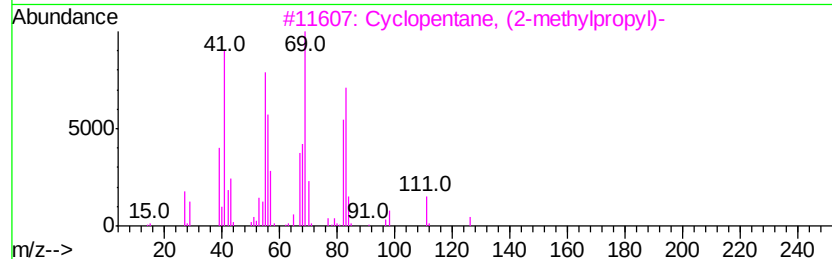
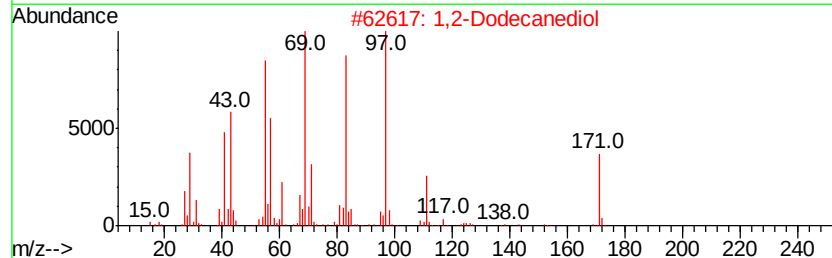
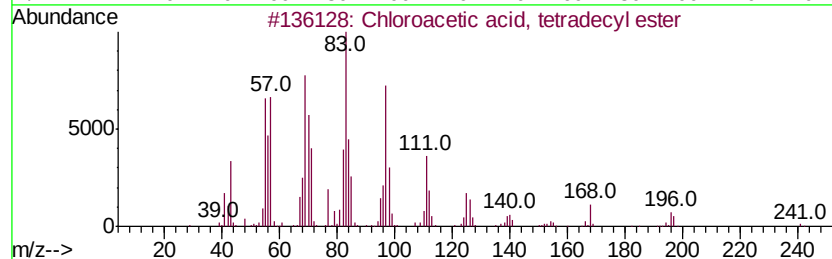
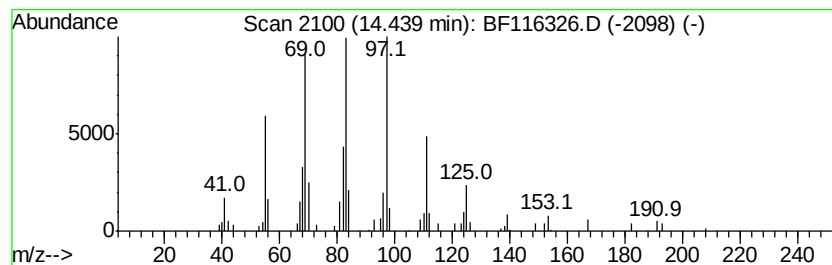
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Chloroacetic acid, tetradec... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.44	5.01 ng	246685	Chrysene-d12		13.98
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chloroacetic acid, tetradecyl ester	290	C16H31ClO2	018277-86-6	78
2	1,2-Dodecanediol	202	C12H26O2	001119-87-5	50
3	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	38
4	Cyclopentane, 1,2-dibutyl-	182	C13H26	062199-52-4	38
5	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	38



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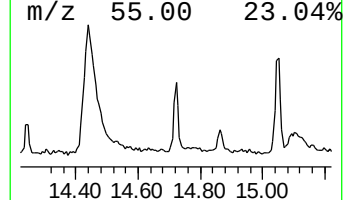
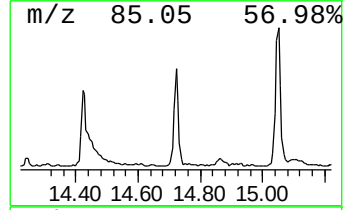
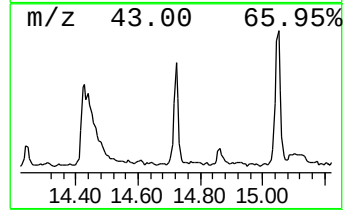
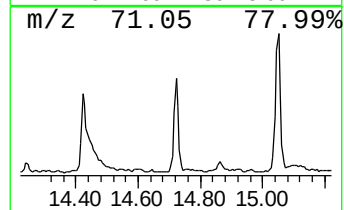
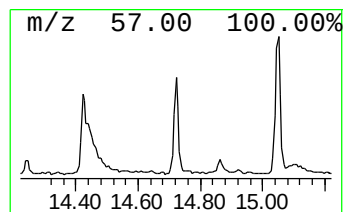
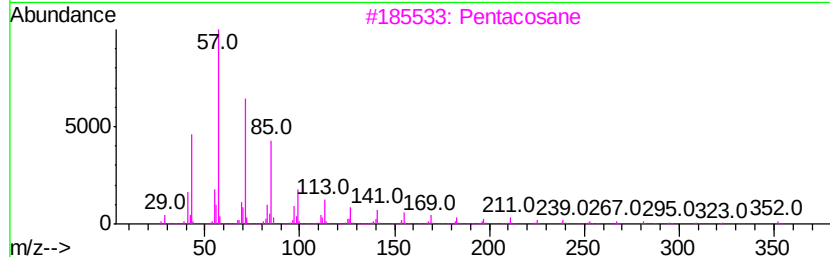
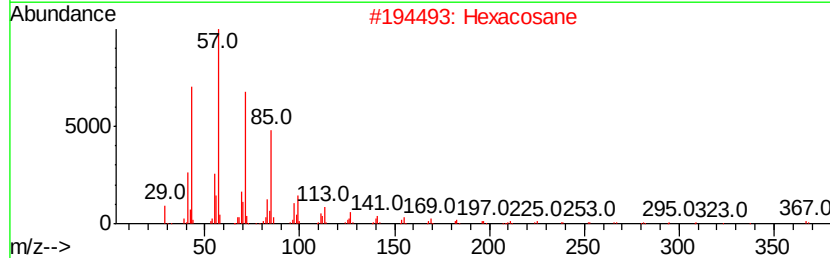
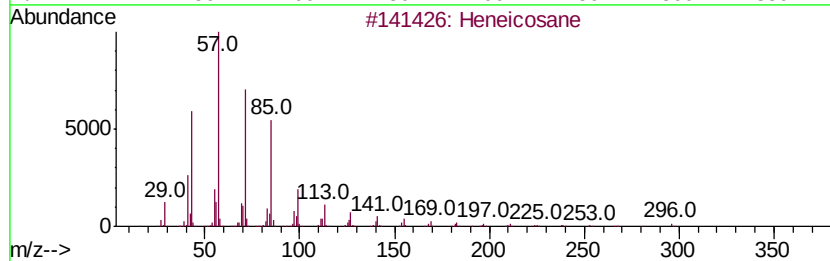
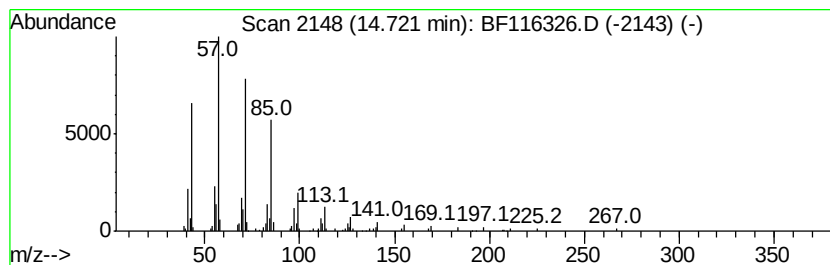
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Peak Number 6 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	3.08 ng	161140	Perylene-d12	15.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Hexacosane		366	C26H54	000630-01-3	90
3	Pentacosane		352	C25H52	000629-99-2	86
4	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	83
5	Octacosane		394	C28H58	000630-02-4	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116326.D
Acq On : 16 Aug 2019 19:12
Operator : HP/JU
Sample : K4356-11
Misc :
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Instrument :
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ClientSampleId :
TP-6

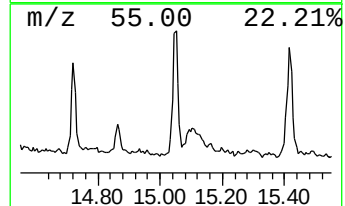
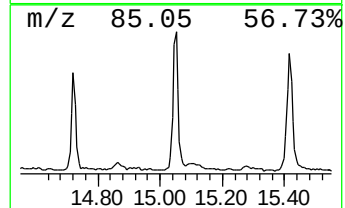
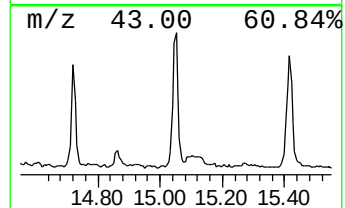
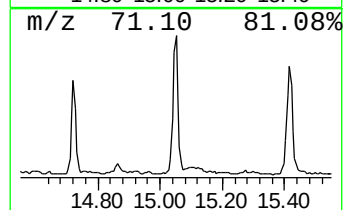
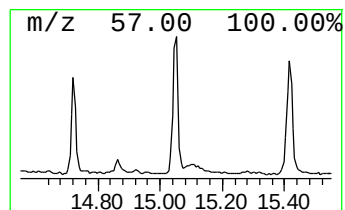
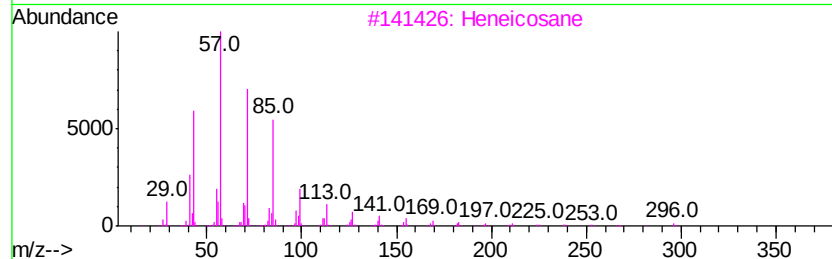
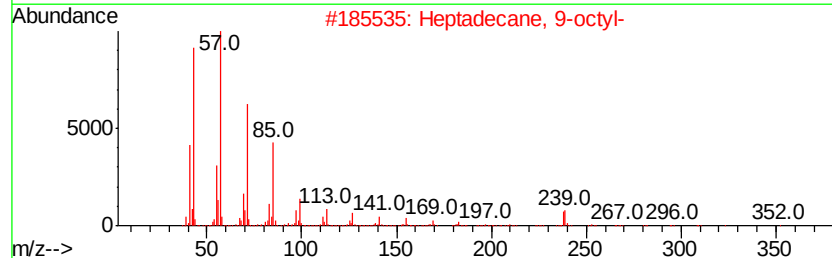
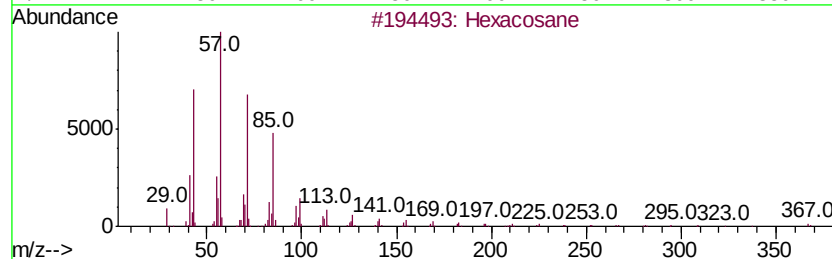
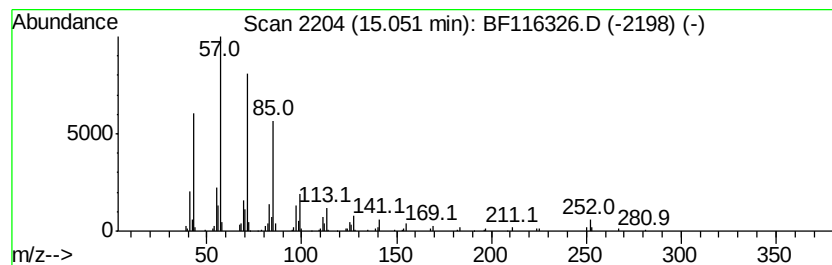
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	5.14 ng	269244	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	93
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
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Acq On : 16 Aug 2019 19:12
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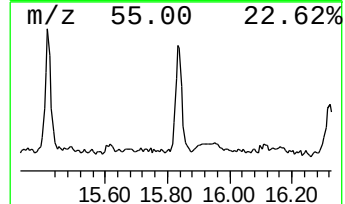
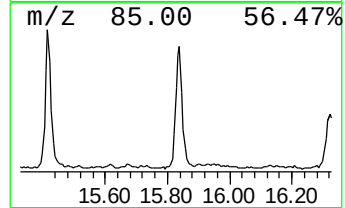
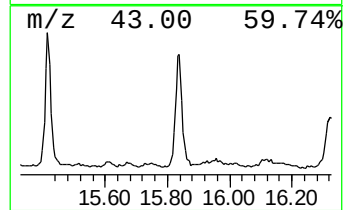
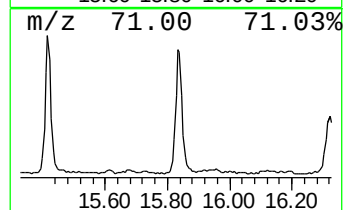
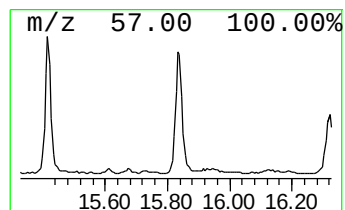
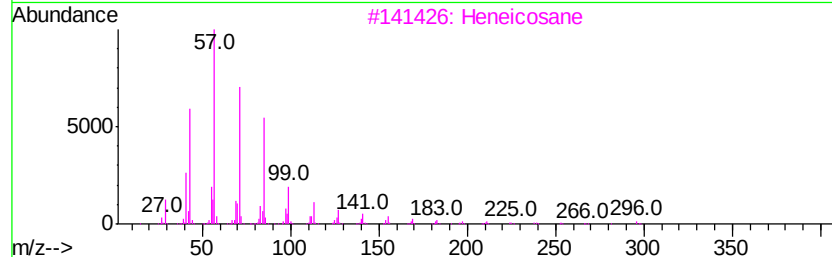
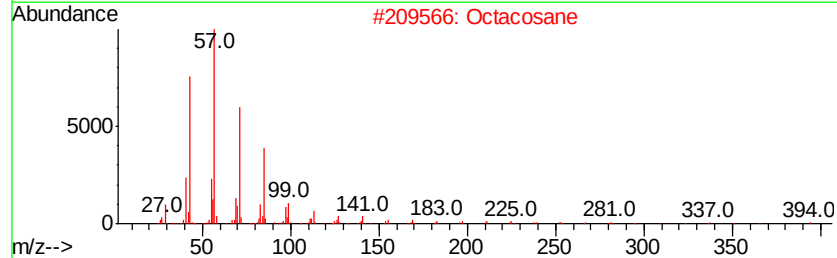
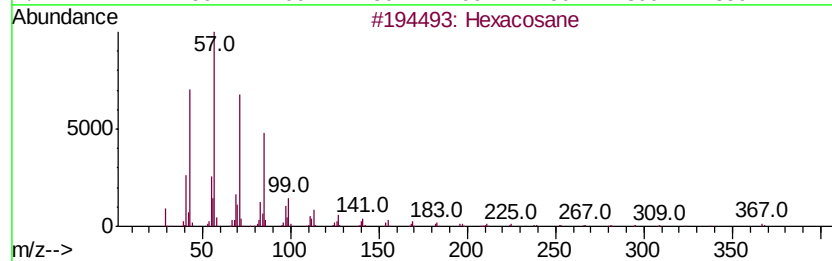
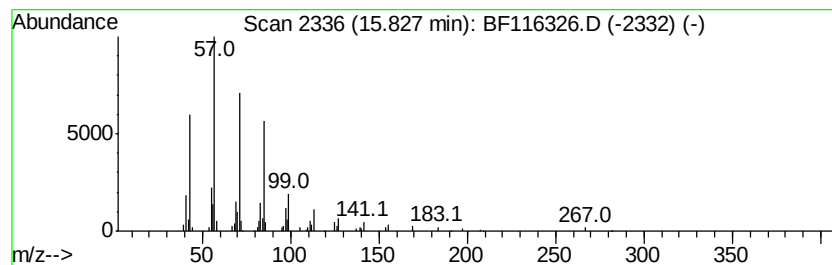
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	4.30 ng	225376	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116326.D
Acq On : 16 Aug 2019 19:12
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Sample : K4356-11
Misc :
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Instrument :
BNA_F
ClientSampleId :
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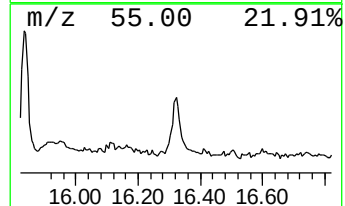
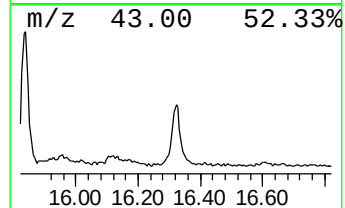
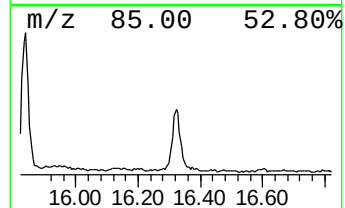
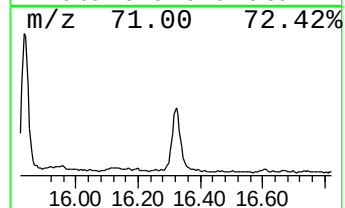
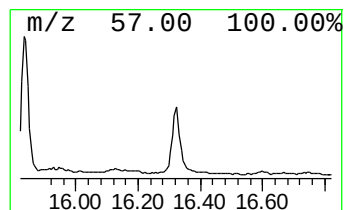
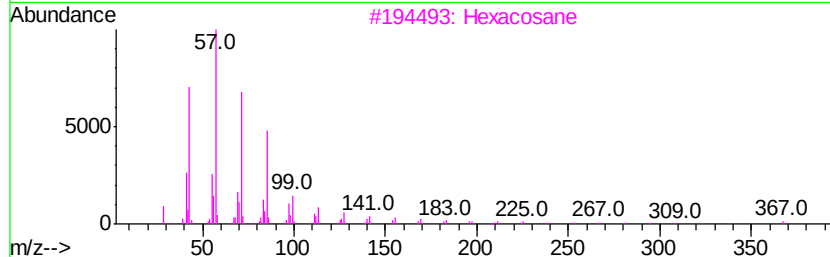
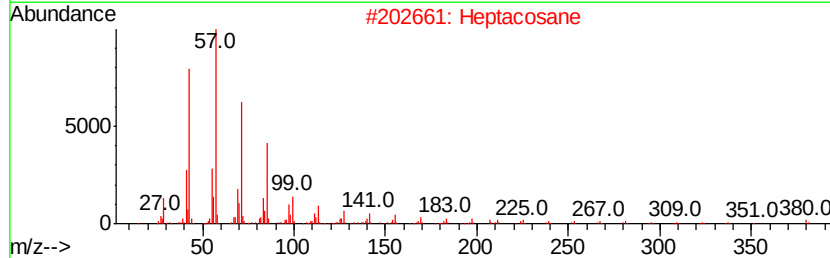
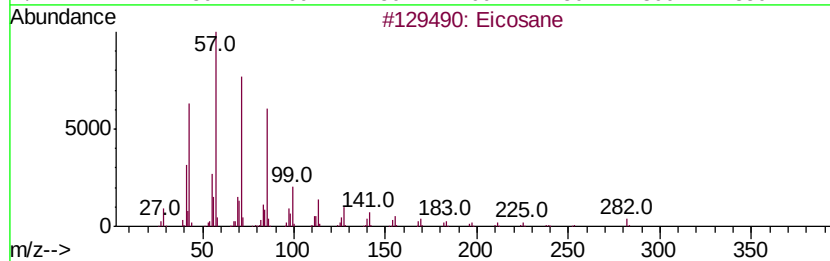
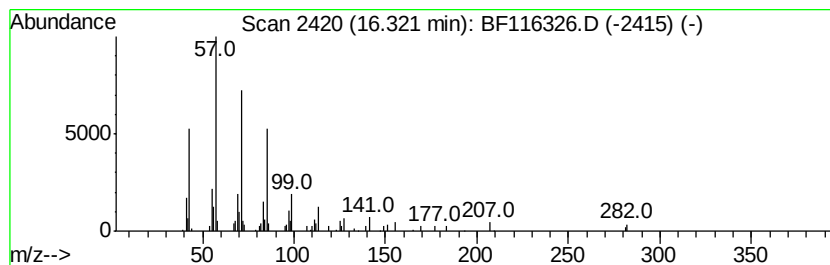
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	2.47 ng	129555	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Heptacosane	380	C27H56	000593-49-7	91
3		Hexacosane	366	C26H54	000630-01-3	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116326.D
Acq On : 16 Aug 2019 19:12
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Sample : K4356-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

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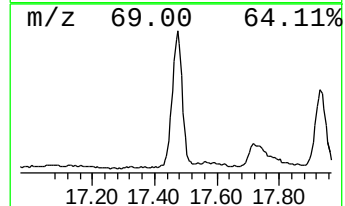
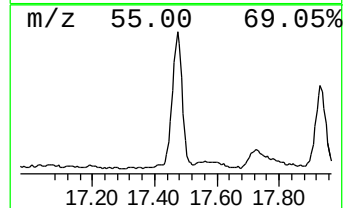
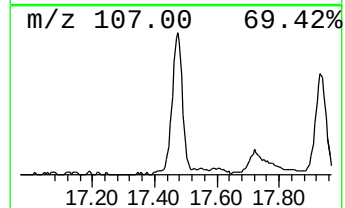
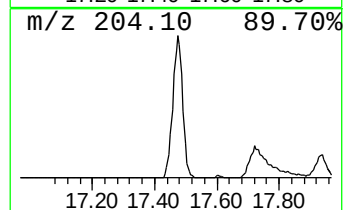
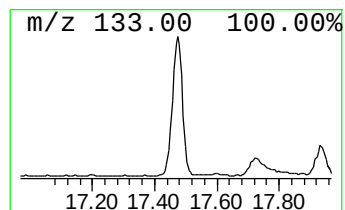
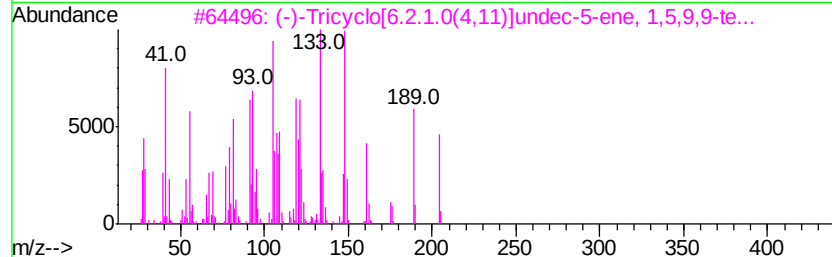
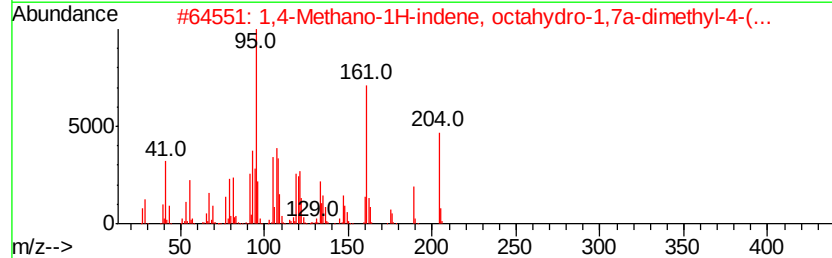
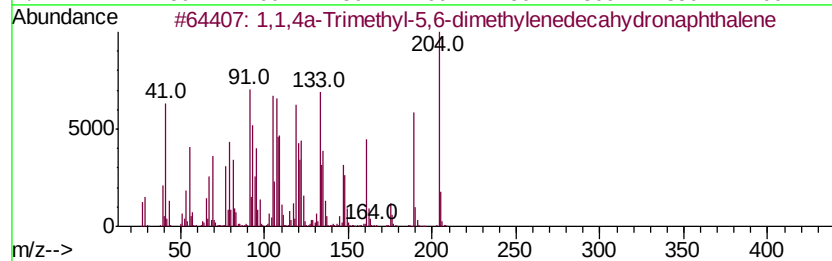
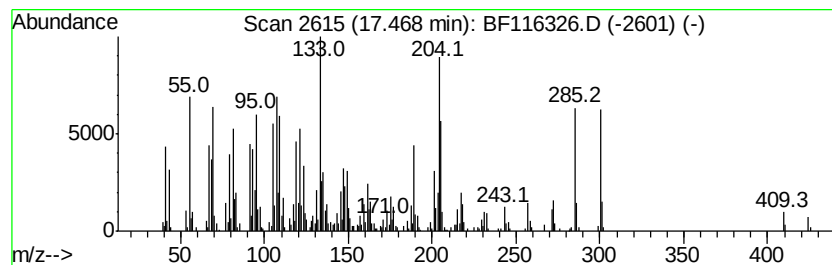
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown17.47 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.47	29.65 ng	1552520	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	46
2		1,4-Methano-1H-indene, octahydro...	204	C15H24	087064-18-4	45
3		(-)-Tricyclo[6.2.1.0(4,11)]undec...	204	C15H24	1000154-06-7	43
4		.beta.-Bisabolene	204	C15H24	000495-61-4	38
5		.beta.-Humulene	204	C15H24	000116-04-1	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116326.D
Acq On : 16 Aug 2019 19:12
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Misc :
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Instrument :
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ClientSampleId :
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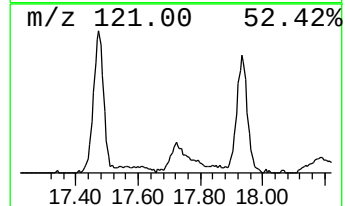
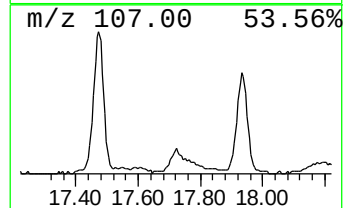
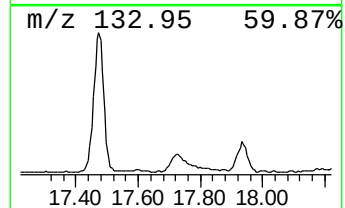
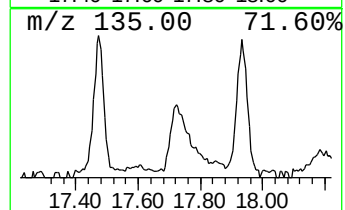
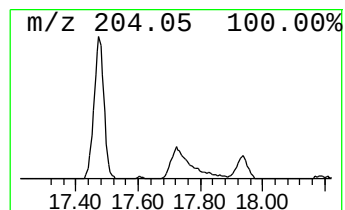
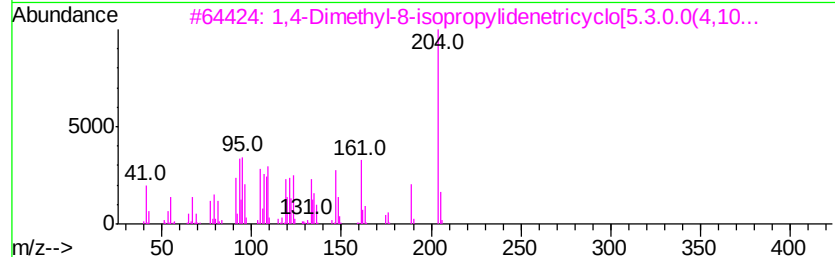
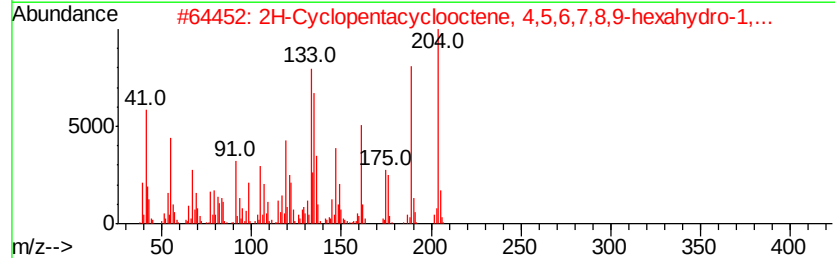
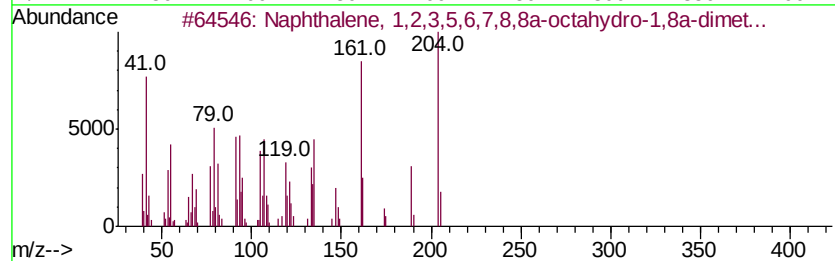
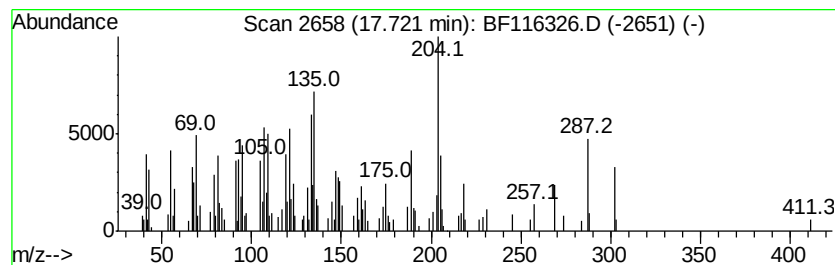
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,2,3,5,6,7,8,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	9.01 ng	471865	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	58
2		2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	50
3		1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	47
4		4,6,6-Trimethyl-2-(3-methylbuta-...	218	C15H22O	1000190-22-2	46
5		2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
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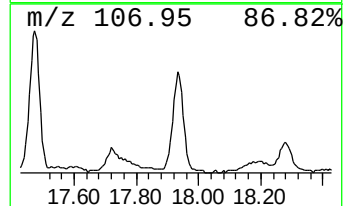
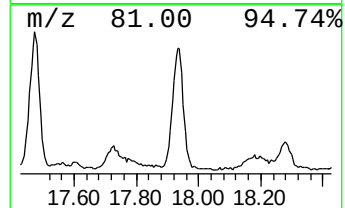
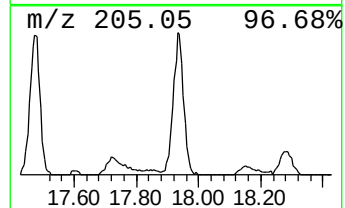
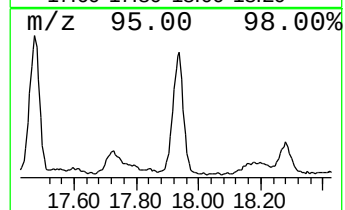
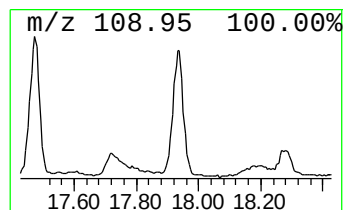
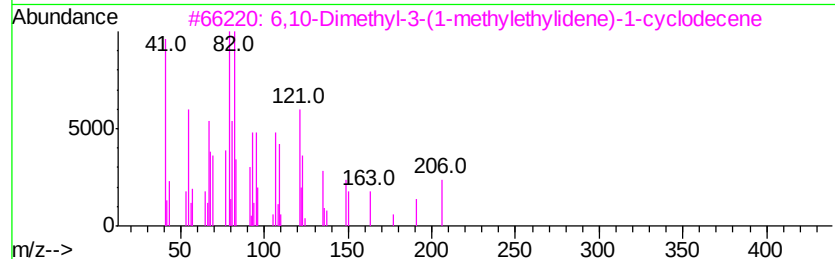
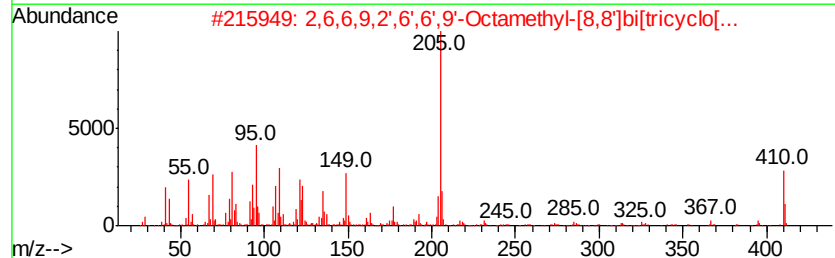
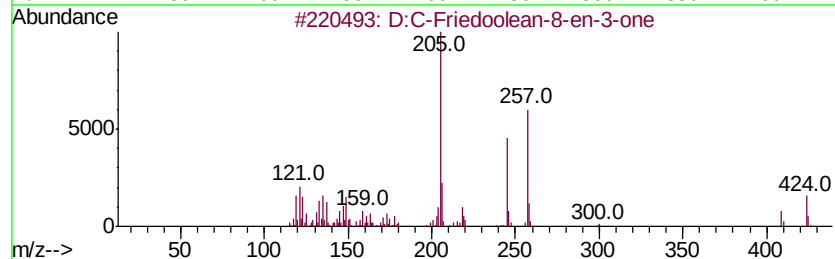
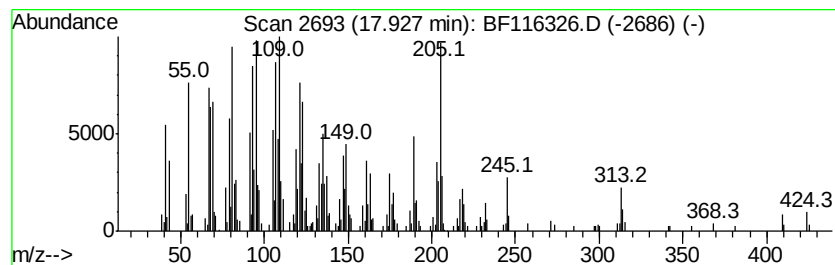
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 D:C-Friedoolean-8-en-3-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	18.70 ng	979364	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	89
2		2,6,6,9,2',6',6',9'-Octamethyl-[...]	410	C30H50	1000189-48-2	64
3		6,10-Dimethyl-3-(1-methylethylidene)...	206	C15H26	069239-71-0	64
4		Guaia-9,11-diene	204	C15H24	1000374-19-8	47
5		1-Isopropenyl-3-propenylcyclop...	150	C11H18	1000192-81-2	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116326.D
Acq On : 16 Aug 2019 19:12
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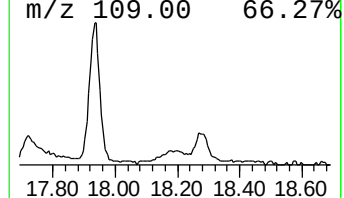
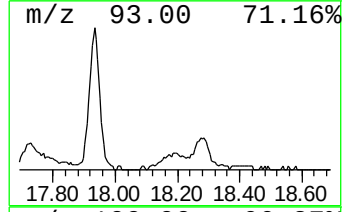
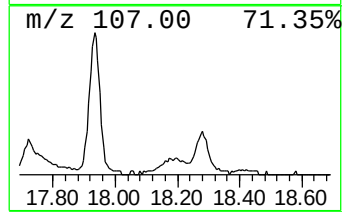
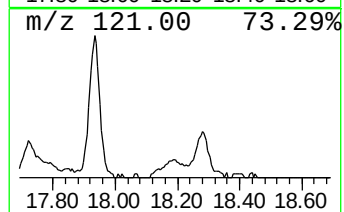
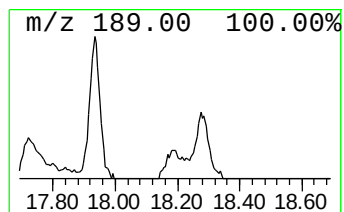
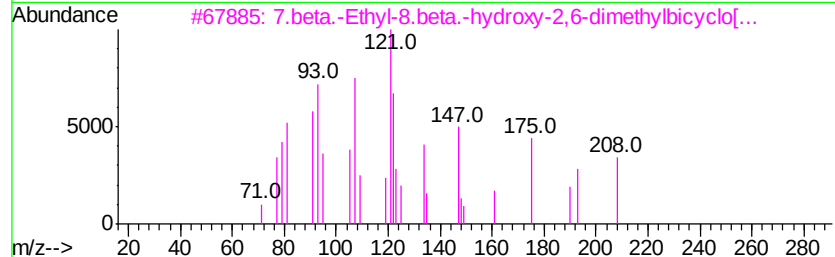
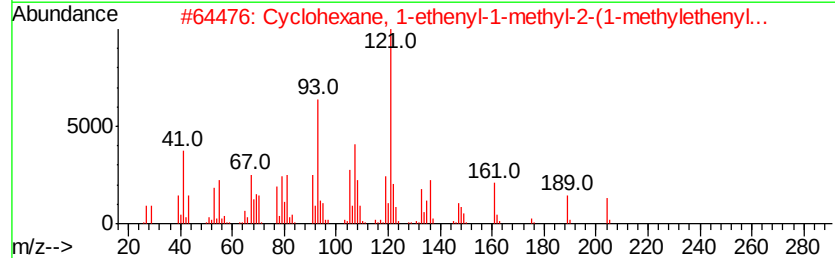
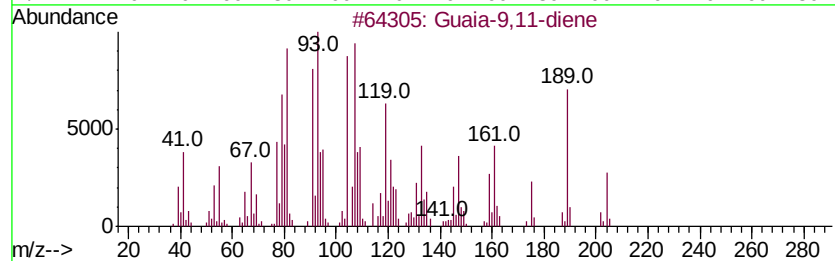
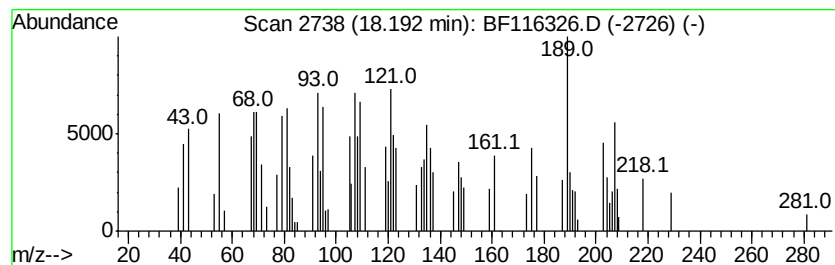
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Guaia-9,11-diene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	3.08 ng	161364	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Guaia-9,11-diene	204	C15H24	1000374-19-8	90
2		Cyclohexane, 1-ethenyl-1-methyl-...	204	C15H24	003242-08-8	46
3		7.beta.-Ethyl-8.beta.-hydroxy-2,...	208	C14H24O	1000077-92-5	35
4		1,5-Cyclodecadiene, 1,5-dimethyl...	204	C15H24	015423-57-1	25
5		1,5-Cyclodecadiene, 1,5-dimethyl...	204	C15H24	075023-40-4	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116326.D
Acq On : 16 Aug 2019 19:12
Operator : HP/JU
Sample : K4356-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

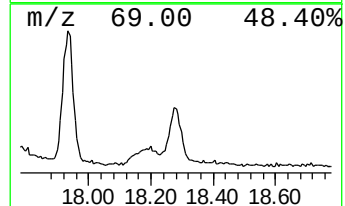
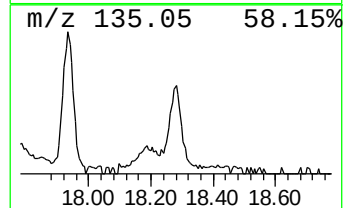
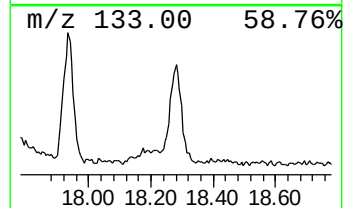
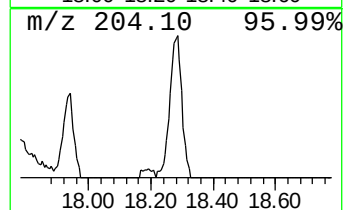
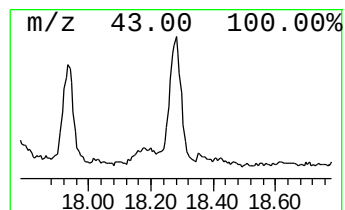
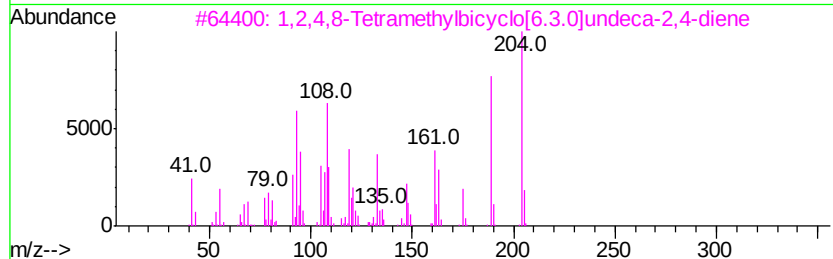
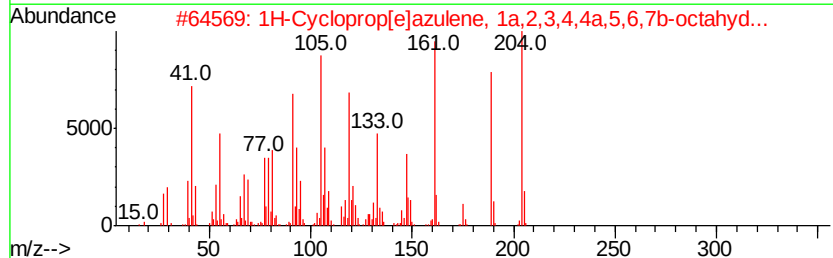
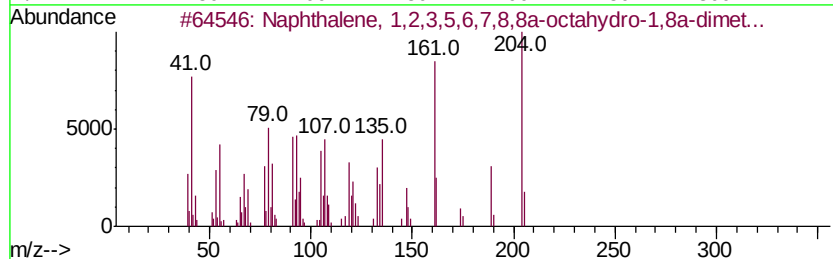
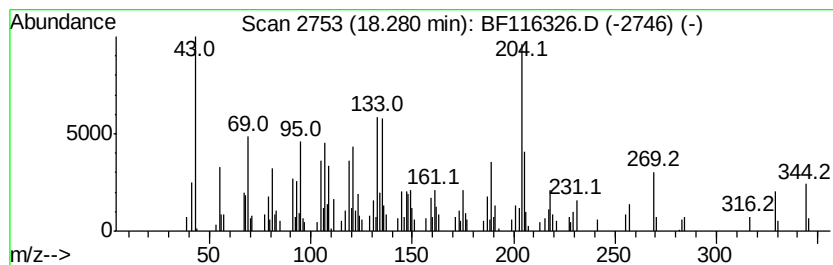
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown18.28 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	6.76 ng	354153	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	55
2		1H-Cycloprop[elazulene, 1a,2,3,4...	204	C15H24	000489-40-7	43
3		1,2,4,8-Tetramethylbicvclo[6.3.0...	204	C15H24	137235-51-9	41
4		1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	38
5		2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H200	124957-09-1	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081619\
 Data File : BF116326.D
 Acq On : 16 Aug 2019 19:12
 Operator : HP/JU
 Sample : K4356-11
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

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...	2.11	33.3	ng	1362710	1	6.82	819198	20.0
unknown6.59	6.59	60.2	ng	2464570	1	6.82	819198	20.0
Nonadecyl pentafl...	13.80	7.9	ng	387834	5	13.98	984306	20.0
Chloroacetic acid...	14.44	5.0	ng	246685	5	13.98	984306	20.0
Heneicosane	14.72	3.1	ng	161140	6	15.44	1047230	20.0
Hexacosane	15.05	5.1	ng	269244	6	15.44	1047230	20.0
Octacosane	15.83	4.3	ng	225376	6	15.44	1047230	20.0
Eicosane	16.32	2.5	ng	129555	6	15.44	1047230	20.0
unknown17.47	17.47	29.6	ng	1552520	6	15.44	1047230	20.0
Naphthalene, 1,2,...	17.72	9.0	ng	471865	6	15.44	1047230	20.0
D:C-Friedoolean-8...	17.93	18.7	ng	979364	6	15.44	1047230	20.0
Guaia-9,11-diene	18.19	3.1	ng	161364	6	15.44	1047230	20.0
unknown18.28	18.28	6.8	ng	354153	6	15.44	1047230	20.0