

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111918\
 Data File : BF110852.D
 Acq On : 19 Nov 2018 14:51
 Operator : JU/SJ
 Sample : J5991-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WS-RO-358

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-BF110818.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	2.216	18	22	34	rVB	75017	117350	7.74%	0.833%
2	5.175	521	525	535	rBV	35465	57757	3.81%	0.410%
3	5.557	587	590	613	rBV	1214671	1348895	89.02%	9.570%
4	6.569	758	762	782	rBV	1389717	1498348	98.89%	10.631%
5	6.710	782	786	792	rBV	1680376	1446414	95.46%	10.262%
6	6.940	821	825	839	rVB	416843	356748	23.54%	2.531%
7	7.092	848	851	859	rBV	1167610	1032767	68.16%	7.327%
8	7.504	917	921	936	rBV	894362	913053	60.26%	6.478%
9	8.222	1040	1043	1063	rVB	445530	479584	31.65%	3.403%
10	9.292	1221	1225	1234	rBV	1687243	1515200	100.00%	10.750%
11	9.686	1287	1292	1299	rBV	104048	118770	7.84%	0.843%
12	9.981	1338	1342	1354	rVB	549478	520515	34.35%	3.693%
13	10.775	1473	1477	1490	rBV	984821	995710	65.71%	7.064%
14	10.863	1490	1492	1497	rVB3	16219	23339	1.54%	0.166%
15	11.475	1592	1596	1607	rVB	505984	510588	33.70%	3.623%
16	11.675	1627	1630	1637	rBV2	26931	35430	2.34%	0.251%
17	11.980	1679	1682	1687	rBV	107673	124770	8.23%	0.885%
18	12.492	1766	1769	1773	rBV	98282	102740	6.78%	0.729%
19	12.527	1773	1775	1779	rVB2	16792	19285	1.27%	0.137%
20	12.698	1800	1804	1811	rVB	49148	50963	3.36%	0.362%
21	12.763	1813	1815	1819	rBV4	21316	24475	1.62%	0.174%
22	12.904	1836	1839	1841	rBV2	19762	18055	1.19%	0.128%
23	12.927	1841	1843	1847	rVB	61052	50396	3.33%	0.358%
24	13.057	1861	1865	1868	rBV	1440488	1217004	80.32%	8.635%
25	13.257	1892	1899	1902	rBV5	21693	33428	2.21%	0.237%
26	13.604	1955	1958	1961	rBV	22499	23542	1.55%	0.167%
27	13.927	2010	2013	2020	rBV	158343	182173	12.02%	1.293%
28	14.127	2042	2047	2051	rBV	419818	439742	29.02%	3.120%
29	14.245	2063	2067	2073	rBV2	40863	62456	4.12%	0.443%
30	14.551	2117	2119	2126	rBV3	40231	63155	4.17%	0.448%
31	14.868	2169	2173	2179	rVV	44900	53536	3.53%	0.380%
32	14.945	2183	2186	2193	rVB	70295	77449	5.11%	0.549%
33	15.215	2228	2232	2241	rVB2	57513	97979	6.47%	0.695%
34	15.527	2282	2285	2288	rBV2	17059	21820	1.44%	0.155%

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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-BF110818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.657	2302	2307	2313	rBV	255983	350272	23.12%	2.485%
36	16.062	2373	2376	2380	rVB2	40255	52885	3.49%	0.375%
37	16.127	2385	2387	2389	rBV3	15813	17906	1.18%	0.127%
38	16.592	2462	2466	2471	rVB2	25952	40093	2.65%	0.284%

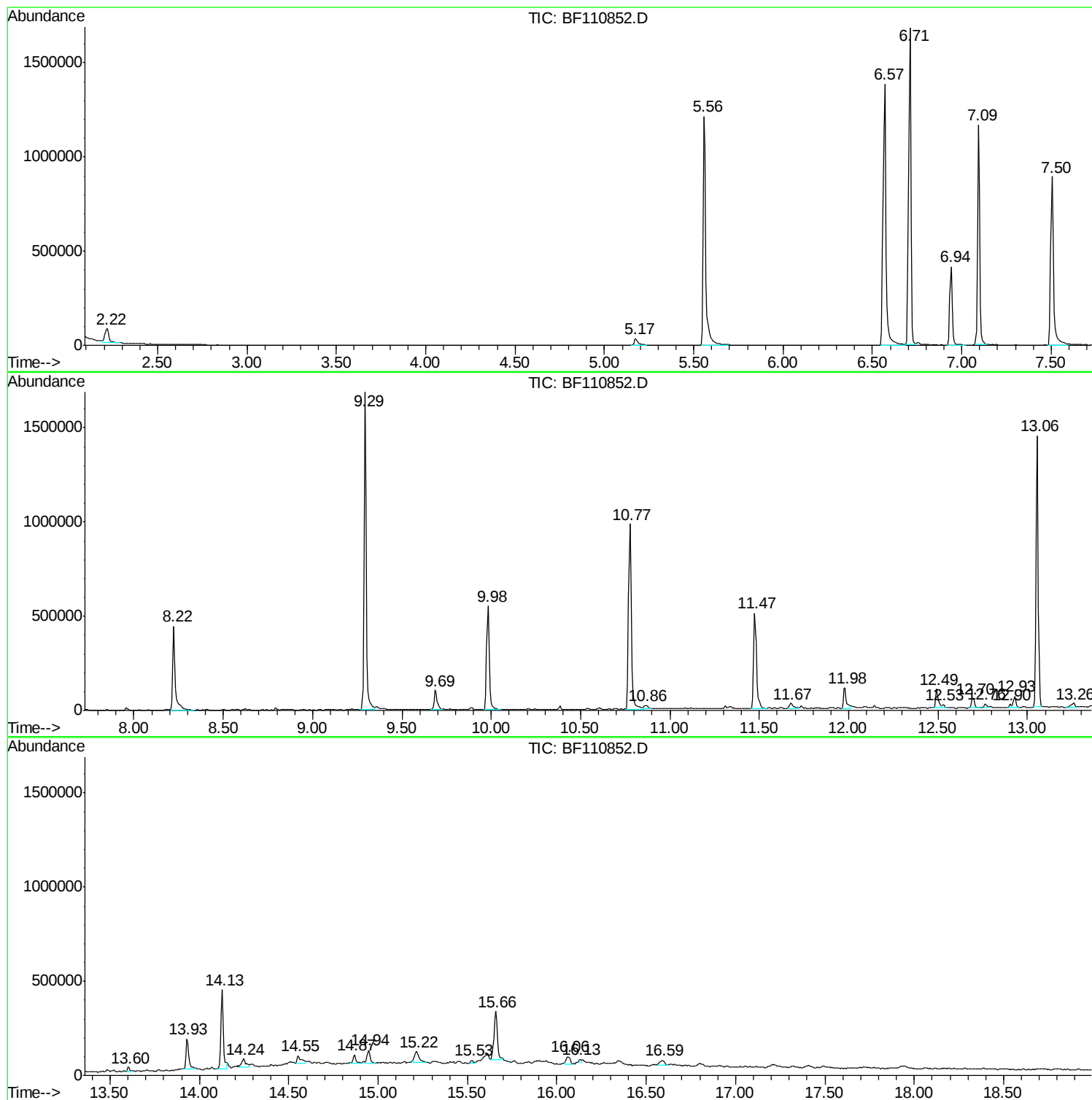
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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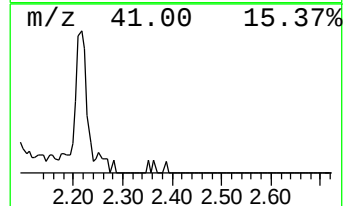
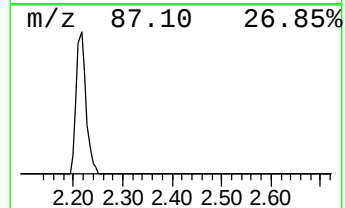
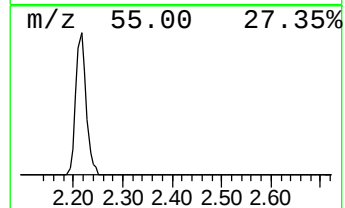
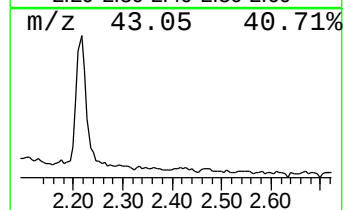
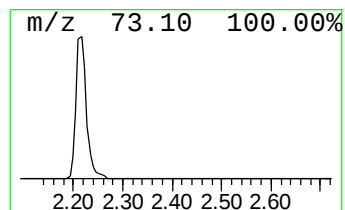
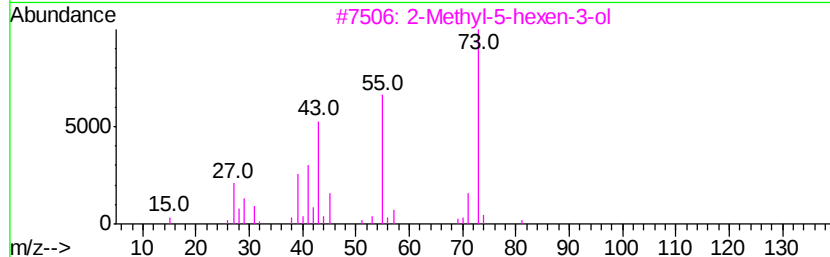
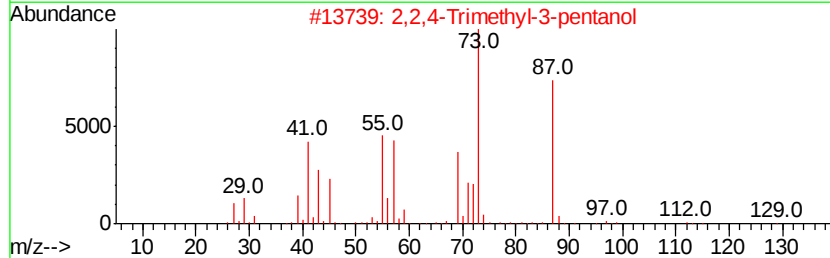
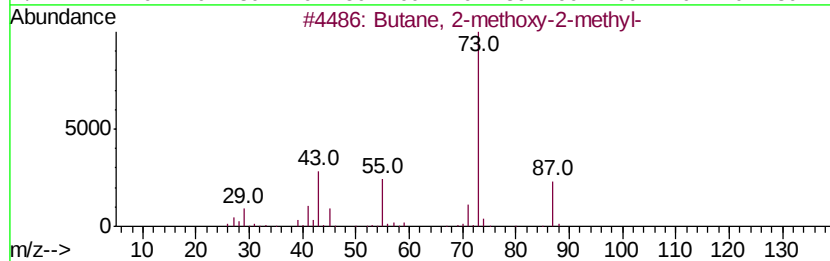
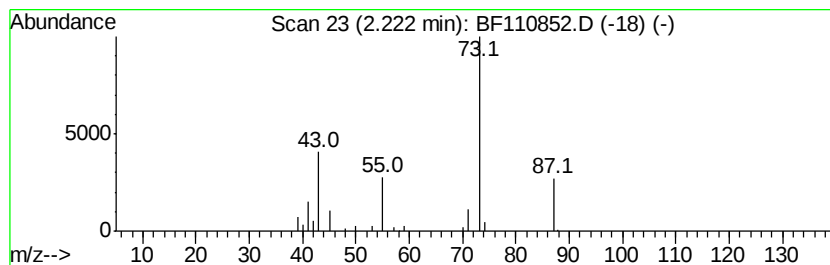
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	6.58 ng	117350	1,4-Dichlorobenzene-d4	6.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			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			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
4			3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	25
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	25



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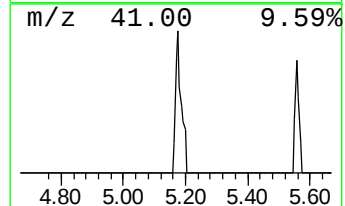
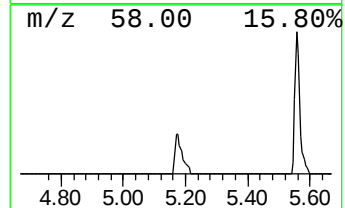
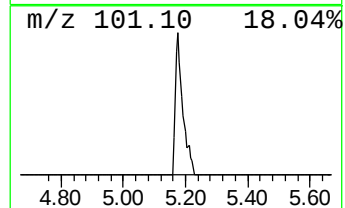
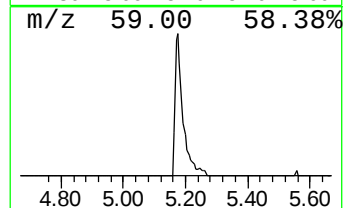
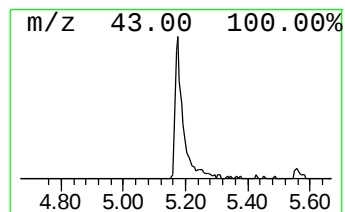
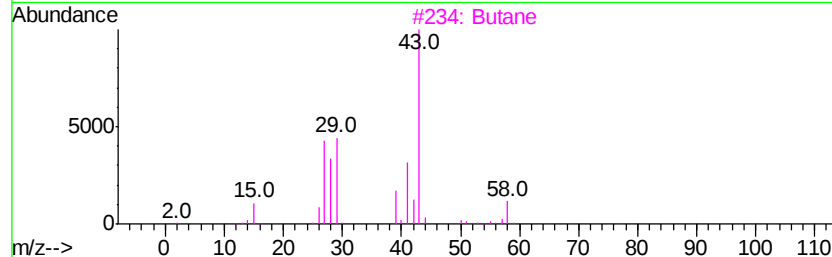
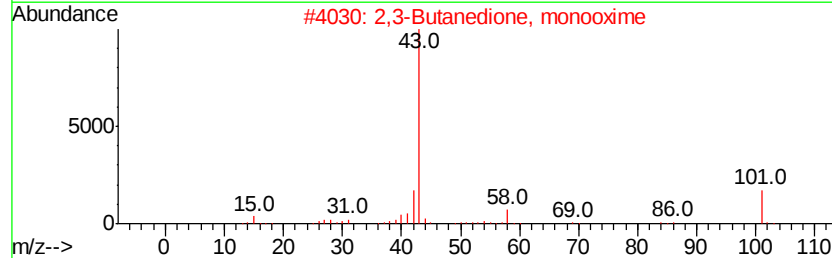
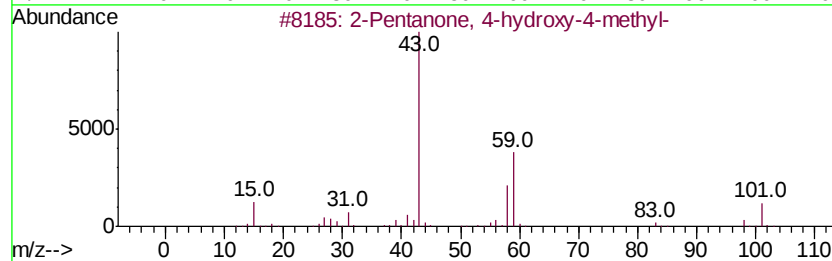
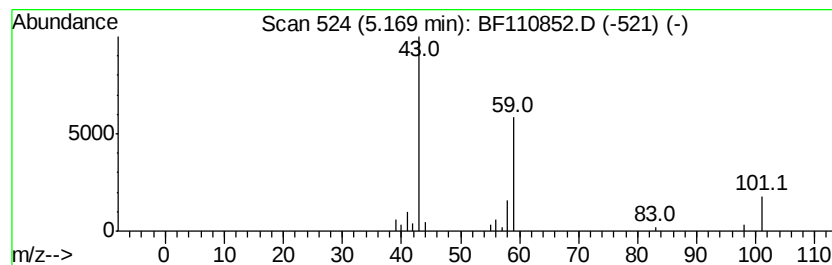
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	3.24 ng	57757	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3		Butane	58	C4H10	000106-97-8	9
4		Diacetamide	101	C4H7NO2	000625-77-4	9
5		Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9



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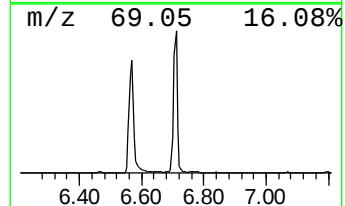
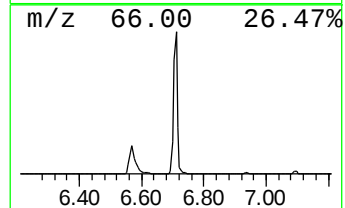
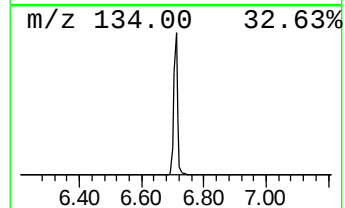
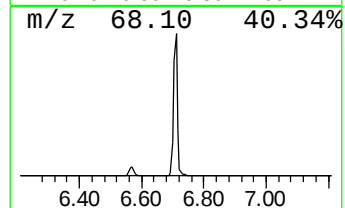
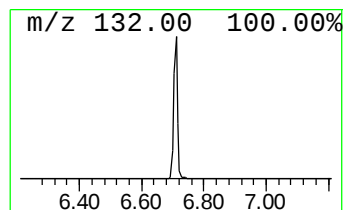
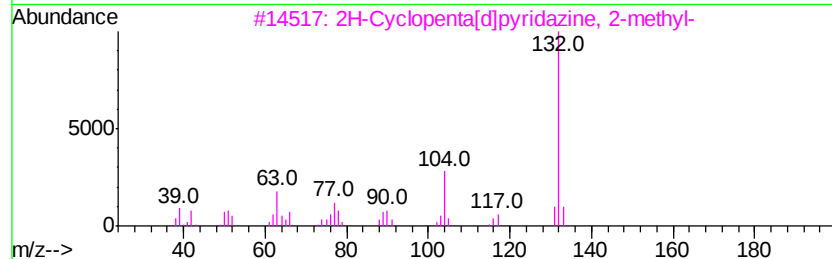
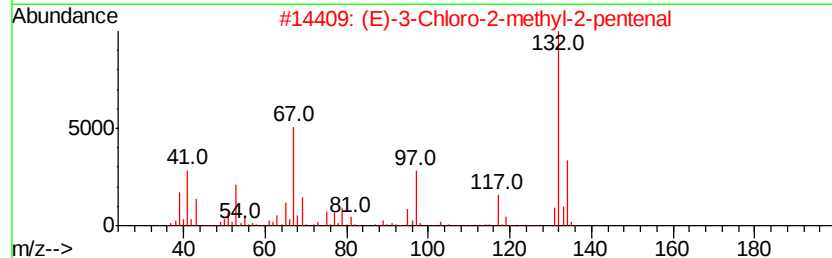
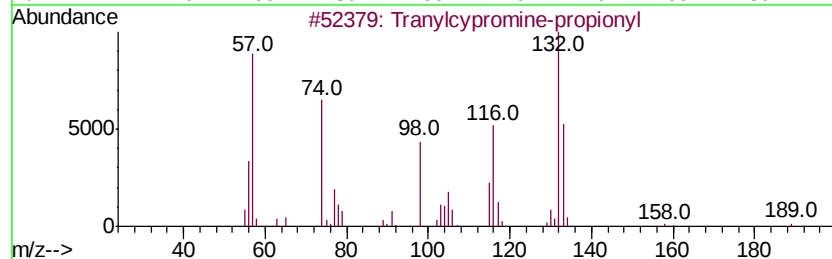
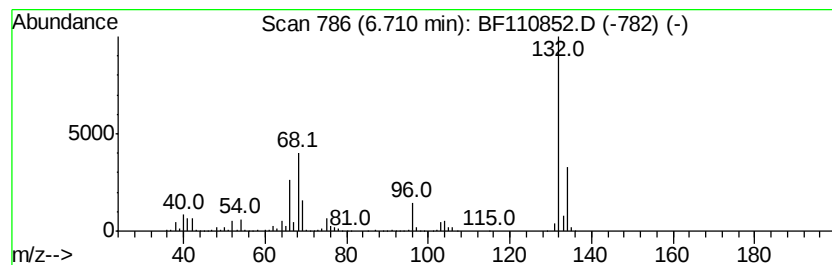
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	81.09 ng	1446410	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tranvlcvpromine-propionyl	189	C12H15NO	1000123-86-3	12
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4		Xenon	132	Xe	007440-63-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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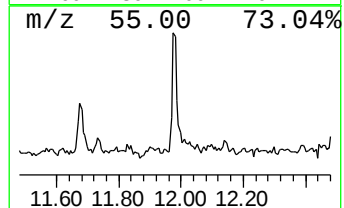
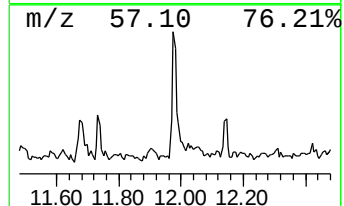
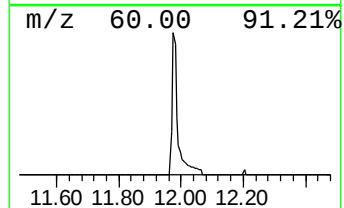
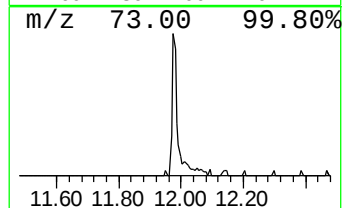
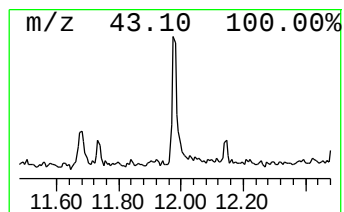
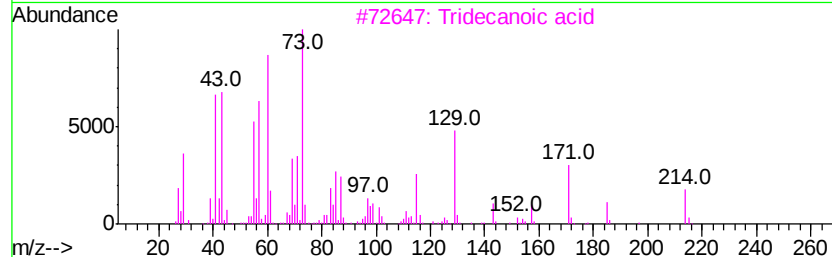
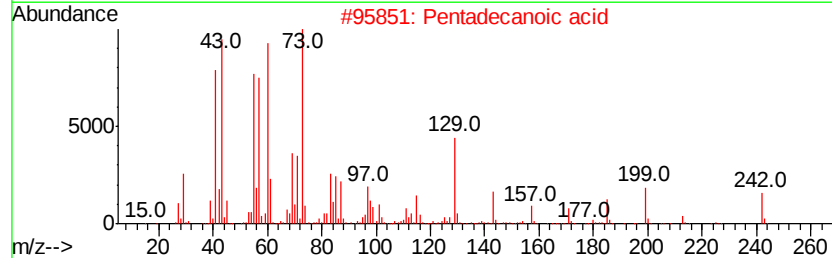
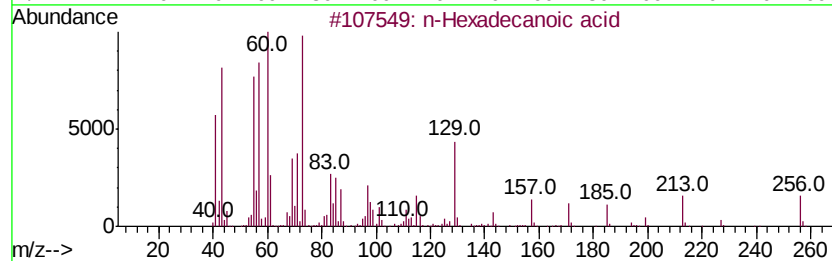
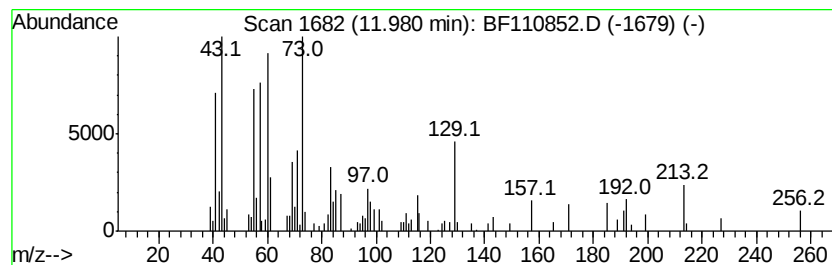
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	4.89 ng	124770	Phenanthrene-d10	11.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		Tridecanoic acid	214	C13H26O2	000638-53-9	64
4		n-Decanoic acid	172	C10H20O2	000334-48-5	53
5		Lactose	342	C12H22O11	000063-42-3	50



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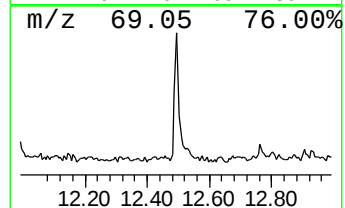
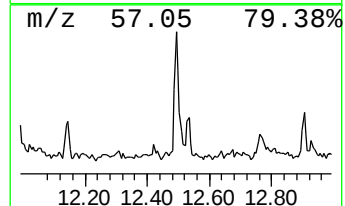
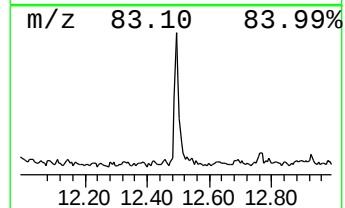
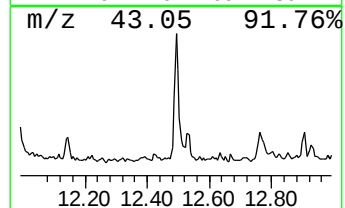
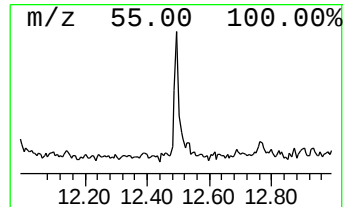
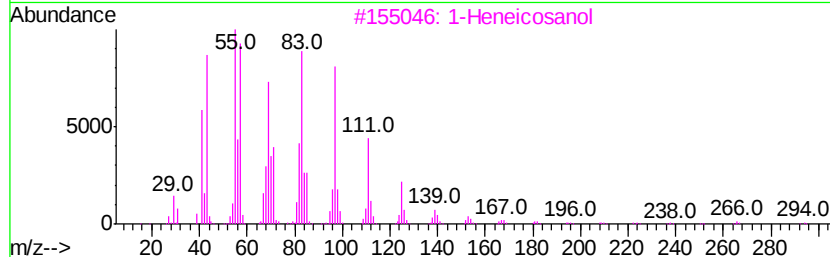
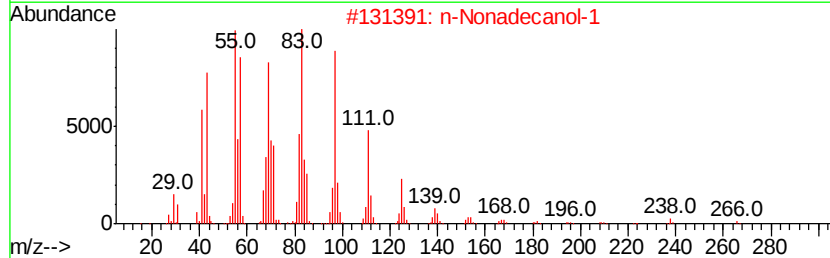
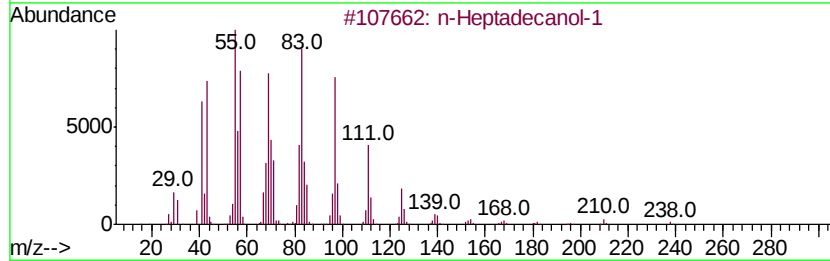
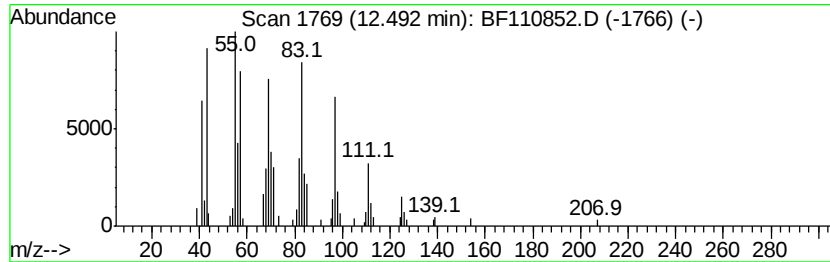
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 n-Heptadecanol-1 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.49	4.02 ng	102740	Phenanthrene-d10	11.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Heptadecanol-1	256	C17H36O	001454-85-9	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	1-Hexadecanol	242	C16H34O	036653-82-4	91
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110852.D
Acq On : 19 Nov 2018 14:51
Operator : JU/SJ
Sample : J5991-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

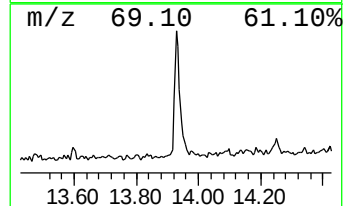
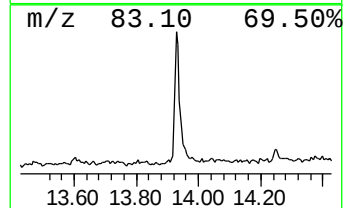
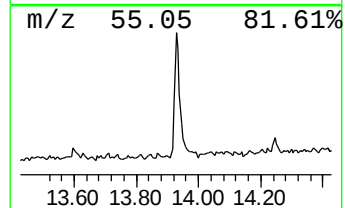
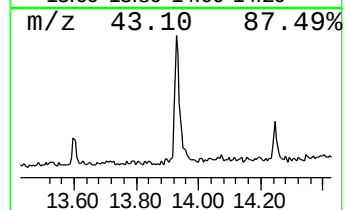
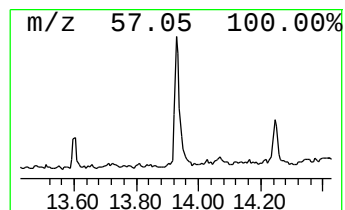
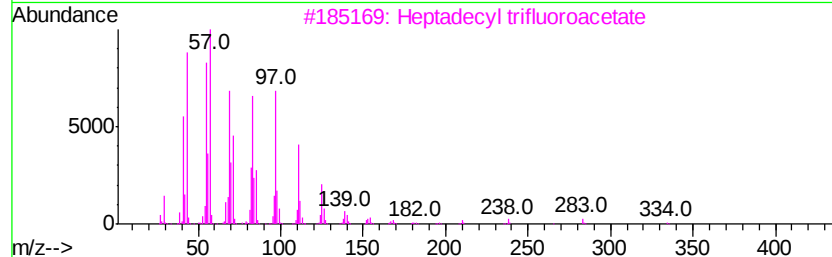
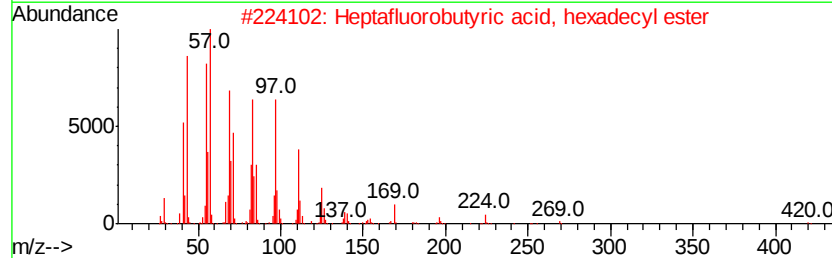
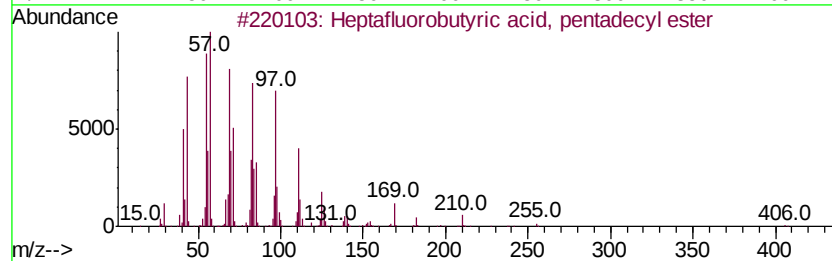
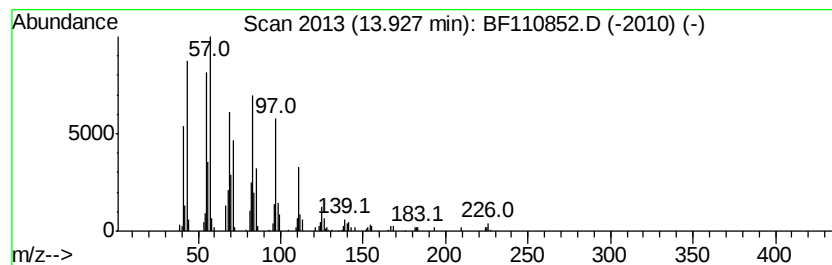
Instrument :
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ClientSampleId :
WS-RO-358

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptafluorobutyric acid, pe... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.93	8.29 ng	182173	Chrysene-d12	14.13		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
3		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
4		Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	94
5		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
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Acq On : 19 Nov 2018 14:51
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Sample : J5991-01
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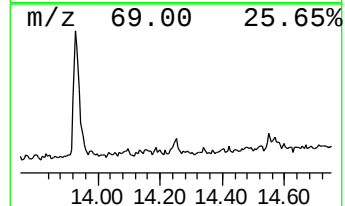
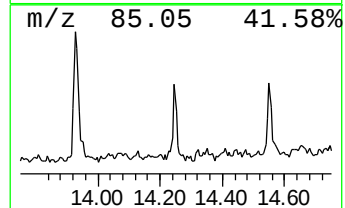
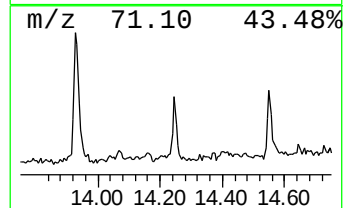
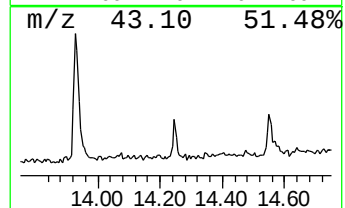
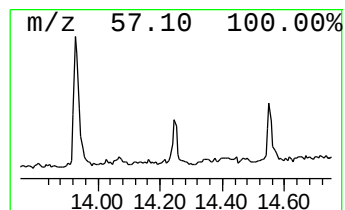
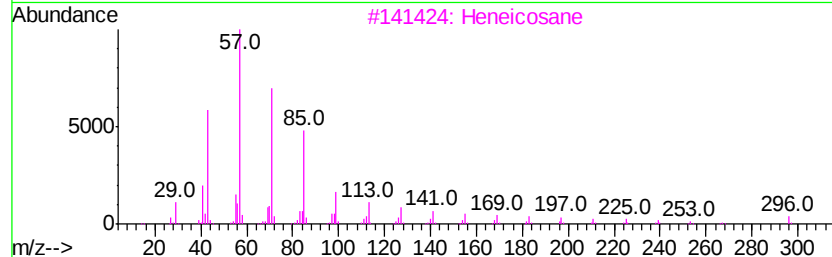
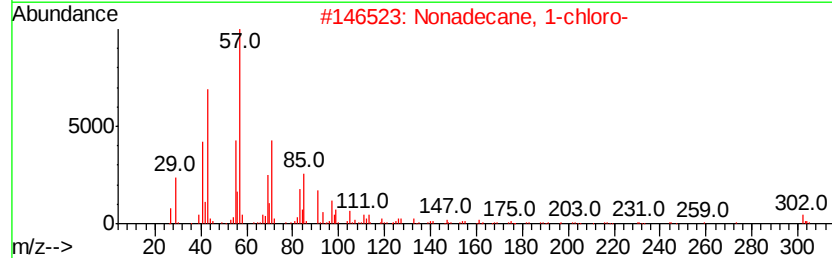
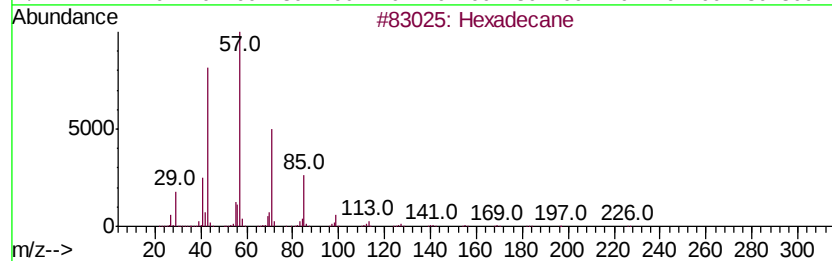
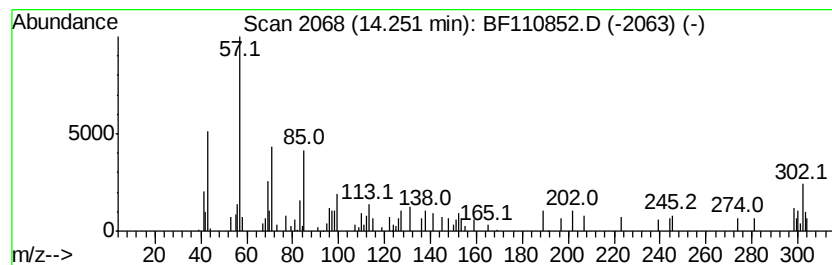
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane, 1-chloro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	2.84 ng	62456	Chrysene-d12	14.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	91
2	Nonadecane, 1-chloro-	302 C19H39Cl	062016-76-6	64
3	Heneicosane	296 C21H44	000629-94-7	53
4	Hexacosane	366 C26H54	000630-01-3	53
5	2-Bromotetradecane	276 C14H29Br	074036-95-6	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110852.D
Acq On : 19 Nov 2018 14:51
Operator : JU/SJ
Sample : J5991-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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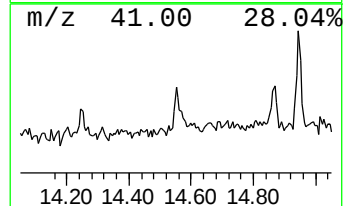
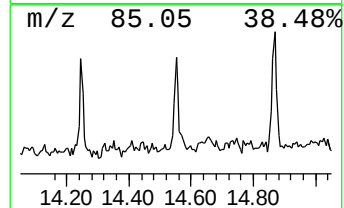
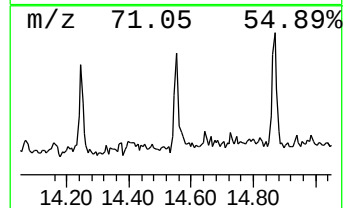
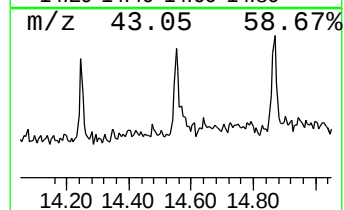
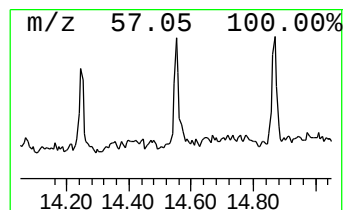
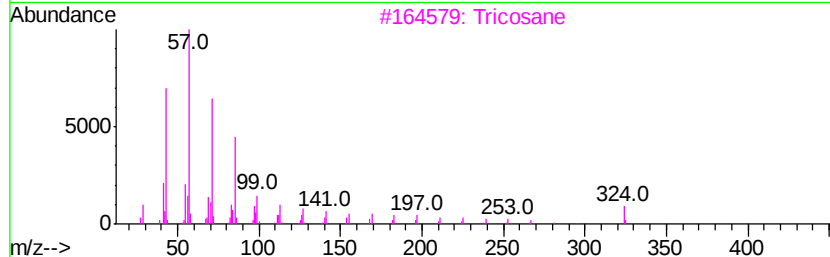
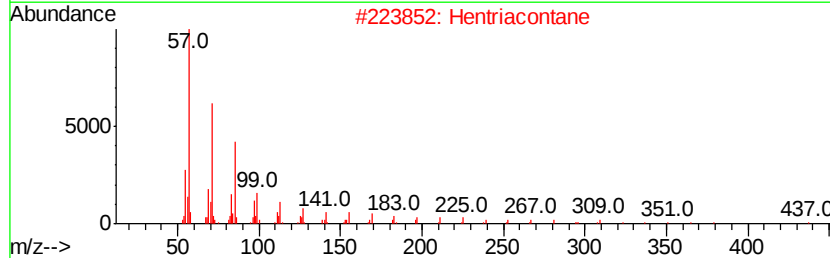
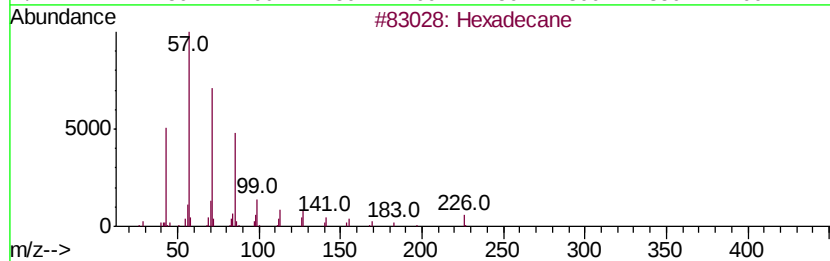
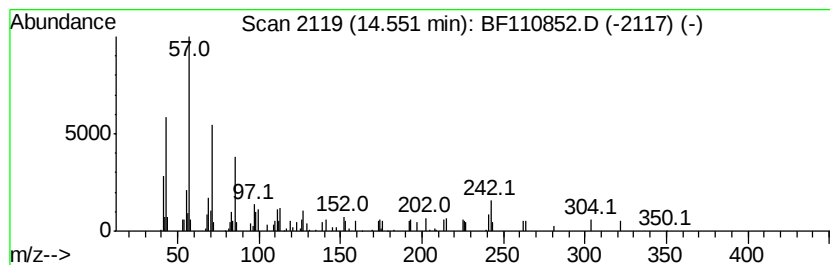
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	2.87 ng	63155	Chrysene-d12	14.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	96
2	Hentriacontane		437	C31H64	000630-04-6	68
3	Tricosane		324	C23H48	000638-67-5	59
4	Dotetracontane		591	C42H86	007098-20-6	59
5	Heptadecane, 3-methyl-		254	C18H38	006418-44-6	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110852.D
Acq On : 19 Nov 2018 14:51
Operator : JU/SJ
Sample : J5991-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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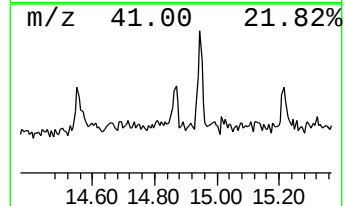
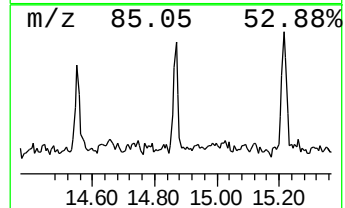
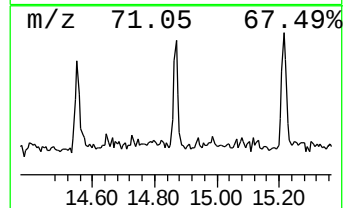
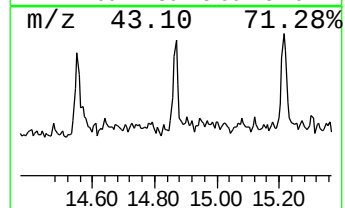
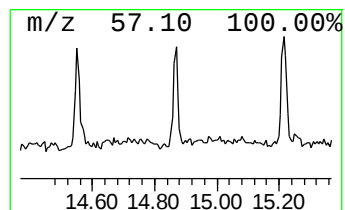
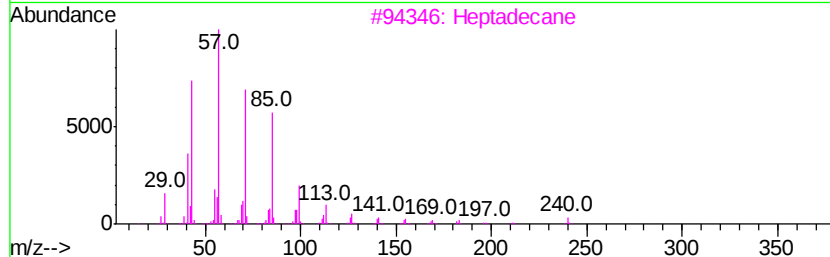
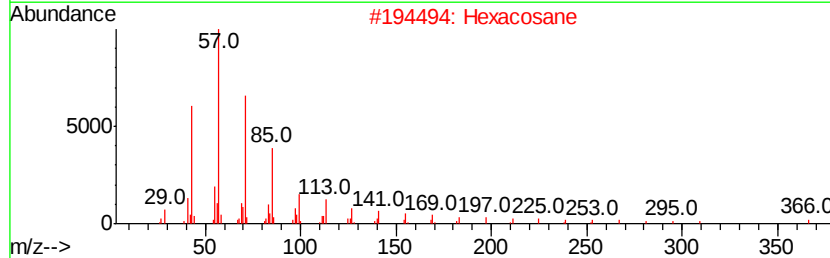
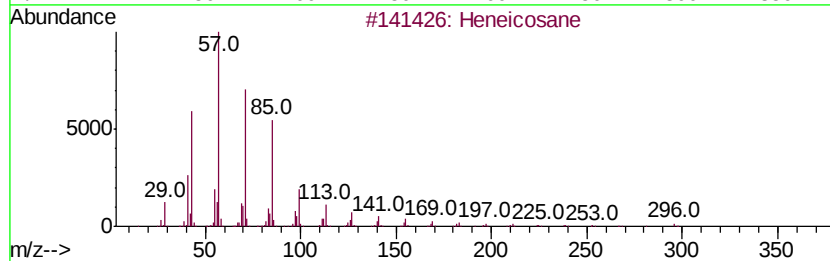
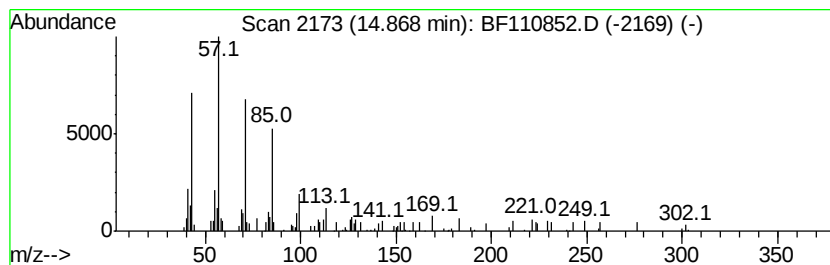
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	2.43 ng	53536	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	83
2		Hexacosane	366	C26H54	000630-01-3	83
3		Heptadecane	240	C17H36	000629-78-7	83
4		Octadecane	254	C18H38	000593-45-3	80
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
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Acq On : 19 Nov 2018 14:51
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Sample : J5991-01
Misc :
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Instrument :
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ClientSampleId :
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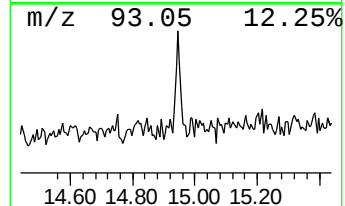
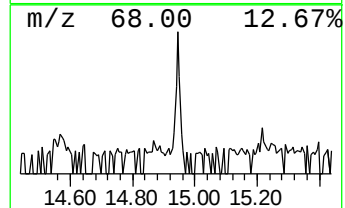
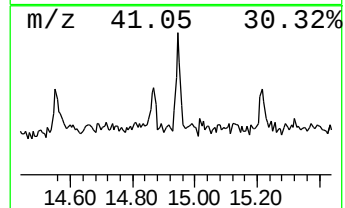
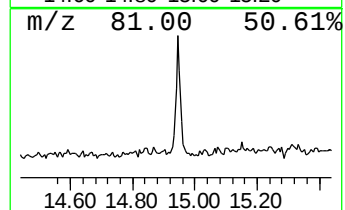
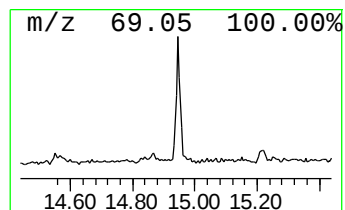
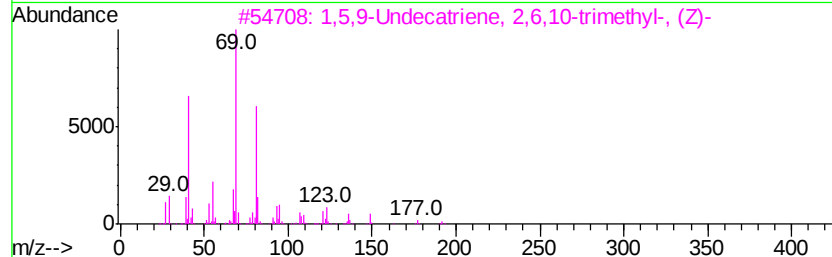
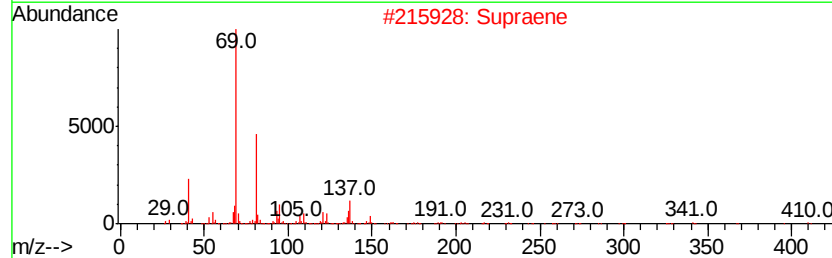
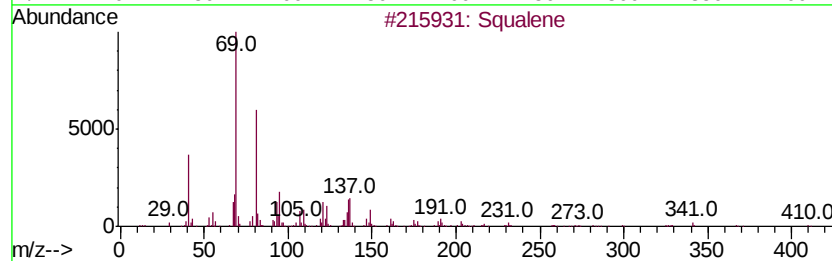
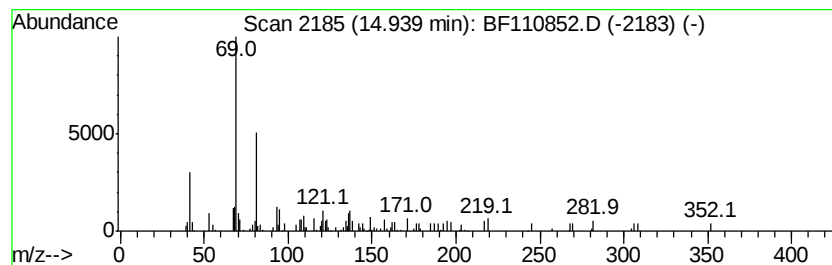
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Squalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	4.42 ng	77449	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	87
2		Supraene	410	C30H50	007683-64-9	80
3		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	80
4		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
5		3-Cyclohexene-1-carboxaldehyde, ...	192	C13H20O	052475-89-5	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
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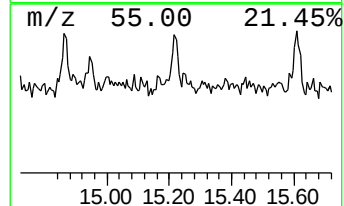
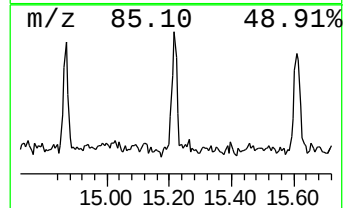
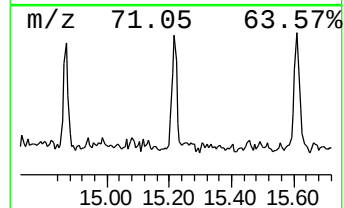
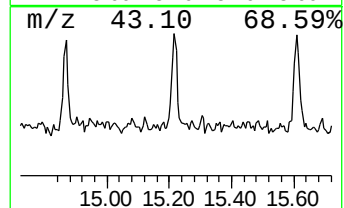
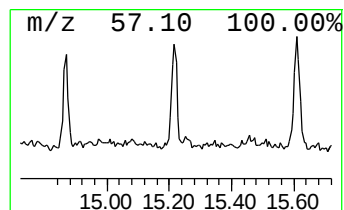
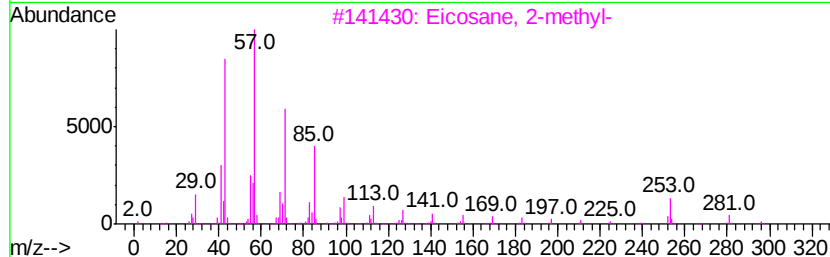
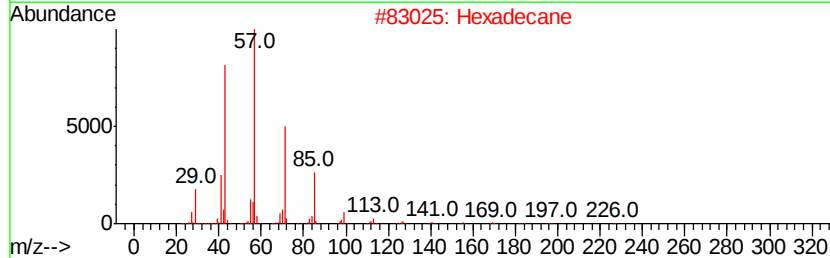
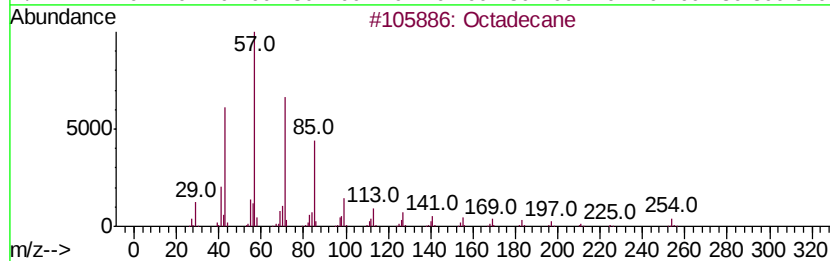
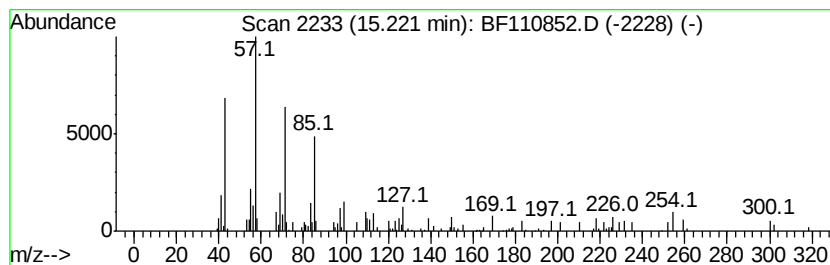
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.22	5.59 ng	97979	Perylene-d12	15.66	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	76
2	Hexadecane	226	C16H34	000544-76-3	76
3	Eicosane, 2-methyl-	296	C21H44	001560-84-5	72
4	Eicosane	282	C20H42	000112-95-8	68
5	Pentacosane	352	C25H52	000629-99-2	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110852.D
Acq On : 19 Nov 2018 14:51
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ClientSampleId :
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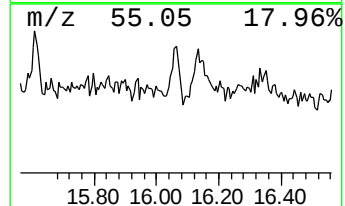
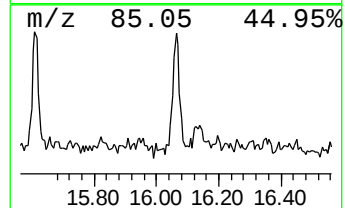
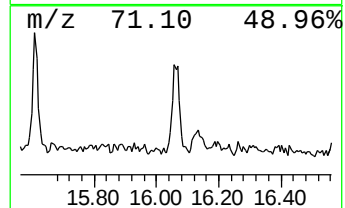
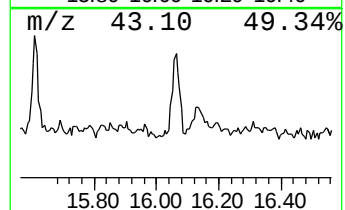
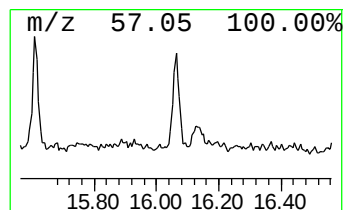
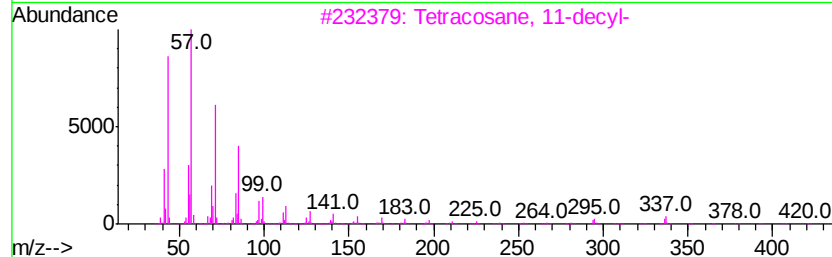
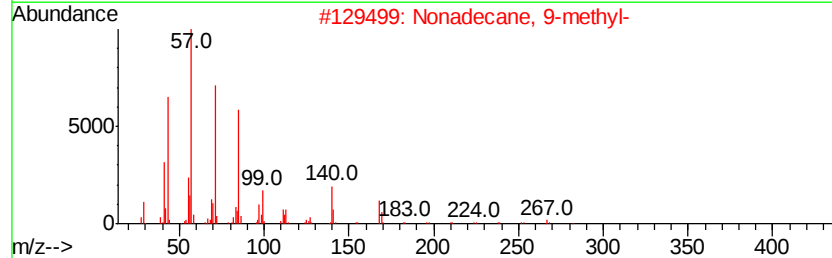
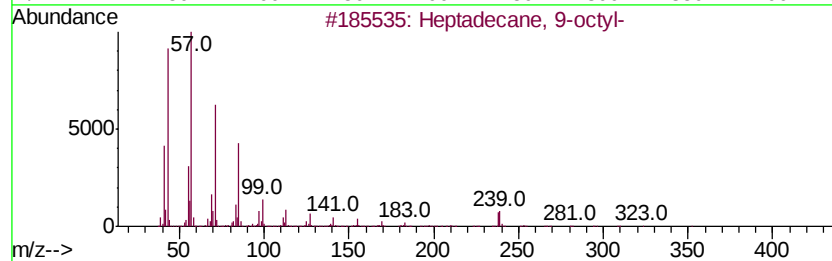
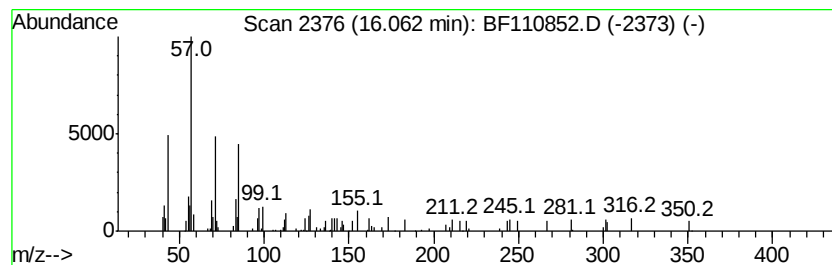
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptadecane, 9-octyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	3.02 ng	52885	Perylene-d12	15.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
2			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	78
3			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	52
4			Behenyl chloride	344	C22H45Cl	042217-03-8	52
5			Docosane, 11-butyl-	366	C26H54	013475-76-8	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110852.D
Acq On : 19 Nov 2018 14:51
Operator : JU/SJ
Sample : J5991-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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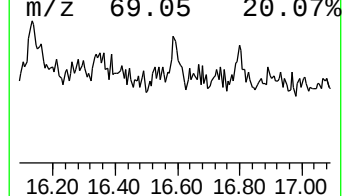
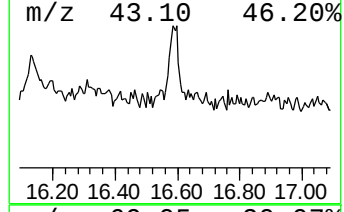
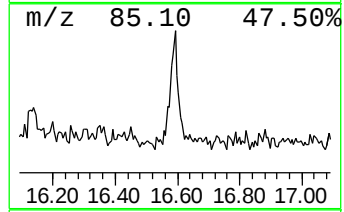
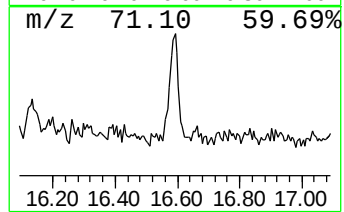
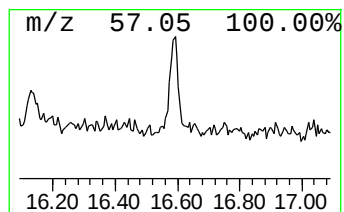
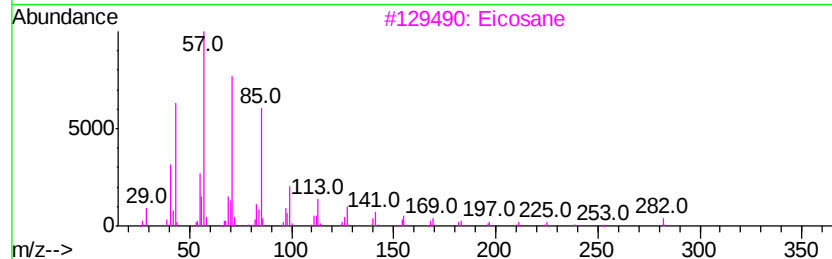
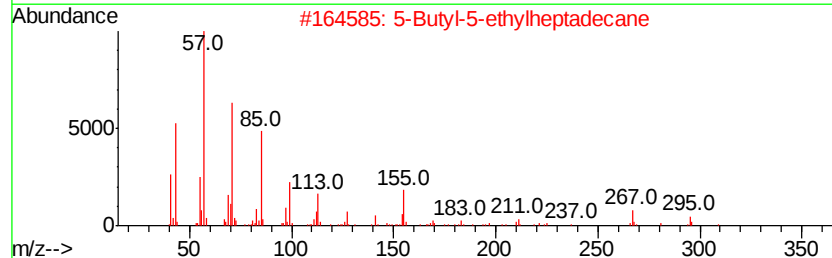
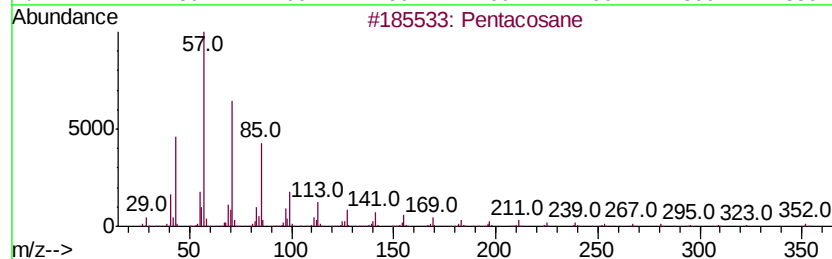
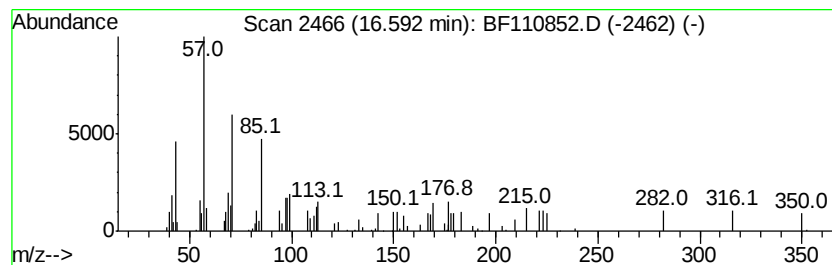
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	2.29 ng	40093	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	55
2		5-Butyl-5-ethylheptadecane	324	C23H48	1000360-43-0	43
3		Eicosane	282	C20H42	000112-95-8	43
4		Docosane	310	C22H46	000629-97-0	43
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111918\
 Data File : BF110852.D
 Acq On : 19 Nov 2018 14:51
 Operator : JU/SJ
 Sample : J5991-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WS-RO-358

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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...	2.22	6.6	ng	117350	1	6.94	356748	20.0
2-Pentanone, 4-hy...	5.17	3.2	ng	57757	1	6.94	356748	20.0
unknown6.71	6.71	81.1	ng	1446410	1	6.94	356748	20.0
n-Hexadecanoic acid	11.98	4.9	ng	124770	4	11.47	510588	20.0
n-Heptadecanol-1	12.49	4.0	ng	102740	4	11.47	510588	20.0
Heptafluorobutyri...	13.93	8.3	ng	182173	5	14.13	439742	20.0
Nonadecane, 1-chl...	14.25	2.8	ng	62456	5	14.13	439742	20.0
Hexadecane	14.55	2.9	ng	63155	5	14.13	439742	20.0
Heneicosane	14.87	2.4	ng	53536	5	14.13	439742	20.0
Squalene	14.94	4.4	ng	77449	6	15.66	350272	20.0
Octadecane	15.22	5.6	ng	97979	6	15.66	350272	20.0
Heptadecane, 9-oc...	16.06	3.0	ng	52885	6	15.66	350272	20.0
Pentacosane	16.59	2.3	ng	40093	6	15.66	350272	20.0