

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070919\
 Data File : BF115440.D
 Acq On : 9 Jul 2019 18:35
 Operator : HP/JU
 Sample : K3687-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-RBR-251685

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-BF070519.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	2.199	14	19	30	rVB	1131512	1551305	27.21%	4.349%
2	3.652	260	266	272	rBV	96252	144231	2.53%	0.404%
3	4.528	406	415	418	rBV	3718490	5700643	100.00%	15.982%
4	5.128	504	517	520	rBV	2039068	2755516	48.34%	7.725%
5	5.510	578	582	595	rBV	890705	773330	13.57%	2.168%
6	6.516	748	753	756	rBV	2058613	2053310	36.02%	5.756%
7	6.657	773	777	781	rBV	1308204	1182061	20.74%	3.314%
8	6.893	814	817	821	rVB	1184493	921974	16.17%	2.585%
9	7.051	840	844	847	rBV	2638894	2192513	38.46%	6.147%
10	7.451	907	912	915	rBV	1881452	1690564	29.66%	4.739%
11	8.175	1031	1035	1038	rBV	1468651	1180402	20.71%	3.309%
12	9.251	1213	1218	1221	rBV	3749436	3292583	57.76%	9.231%
13	9.639	1280	1284	1296	rVB	233723	223378	3.92%	0.626%
14	9.928	1329	1333	1346	rBV	1555823	1415747	24.83%	3.969%
15	11.410	1581	1585	1589	rBV	1681401	1527262	26.79%	4.282%
16	13.016	1854	1858	1862	rBV	3883803	3869406	67.88%	10.848%
17	13.527	1940	1945	1952	rVB	64733	76660	1.34%	0.215%
18	14.010	2022	2027	2039	rBV2	88027	208675	3.66%	0.585%
19	14.157	2047	2052	2060	rVB	1299561	1306071	22.91%	3.662%
20	14.368	2084	2088	2093	rBV	60343	68099	1.19%	0.191%
21	14.727	2146	2149	2153	rBV	118579	133113	2.34%	0.373%
22	15.092	2207	2211	2218	rVB	222843	242065	4.25%	0.679%
23	15.174	2220	2225	2231	rBV	464239	538693	9.45%	1.510%
24	15.451	2268	2272	2277	rBV	324292	350683	6.15%	0.983%
25	15.774	2321	2327	2333	rBV	815491	1044848	18.33%	2.929%
26	15.851	2336	2340	2354	rVB	333780	454675	7.98%	1.275%
27	16.315	2413	2419	2428	rBV	254928	438734	7.70%	1.230%
28	16.839	2502	2508	2515	rBV2	140243	232910	4.09%	0.653%
29	17.457	2607	2613	2621	rBV2	45285	100509	1.76%	0.282%

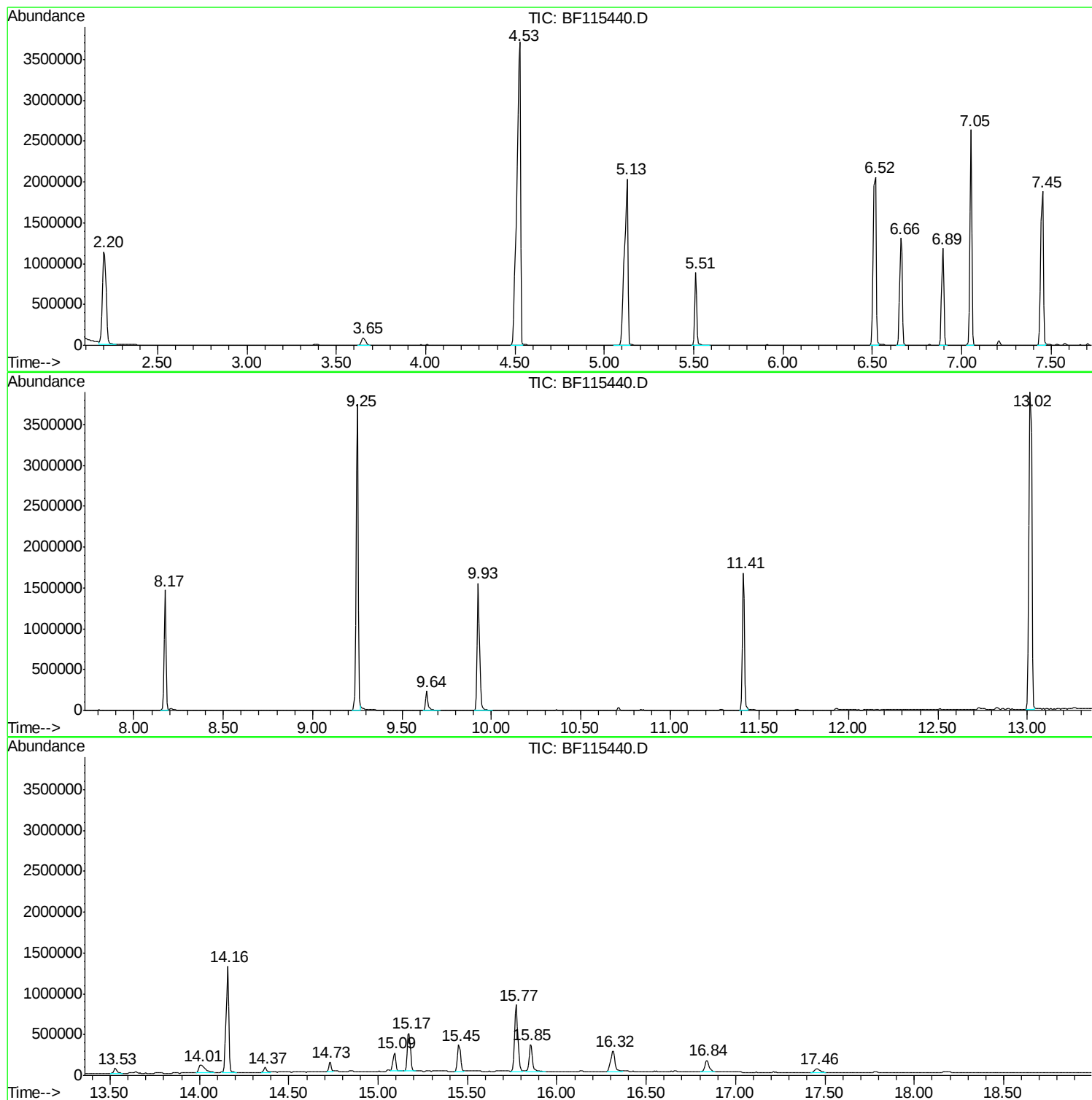
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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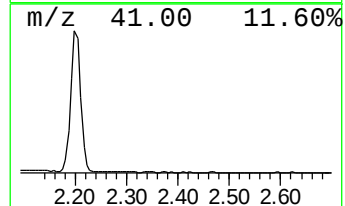
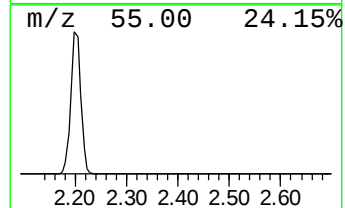
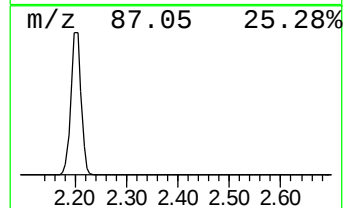
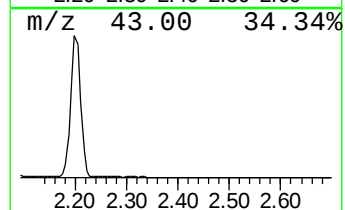
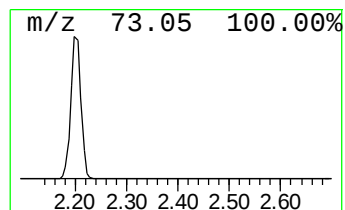
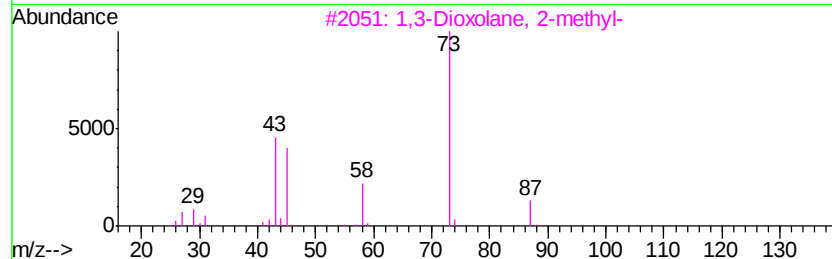
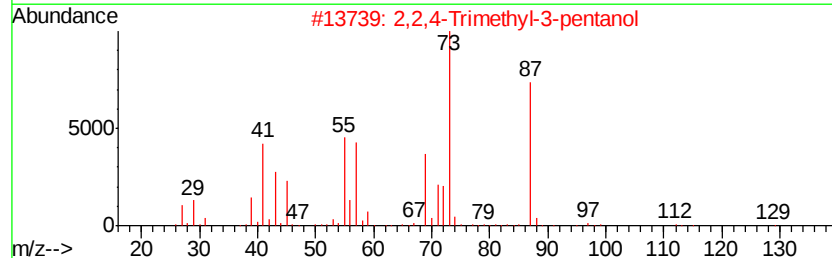
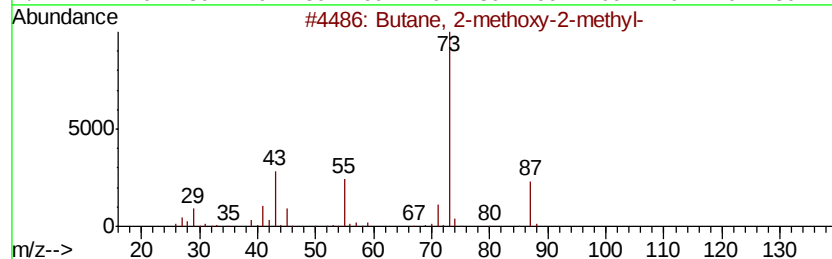
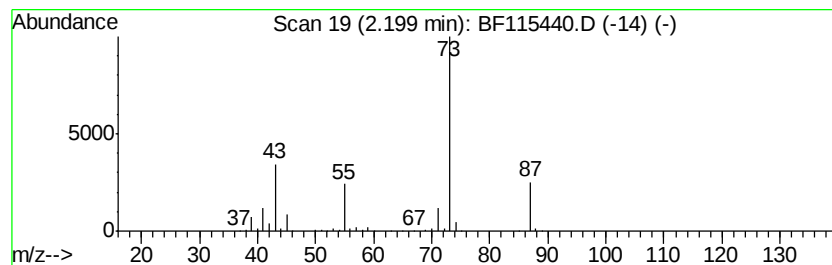
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.20	33.65 ng	1551310	1,4-Dichlorobenzene-d4	6.89

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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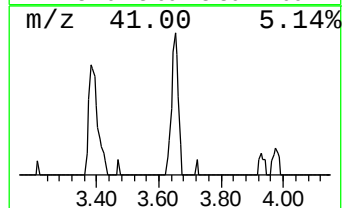
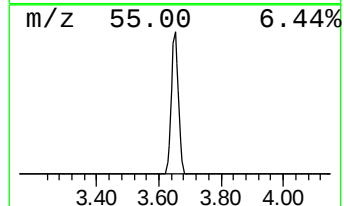
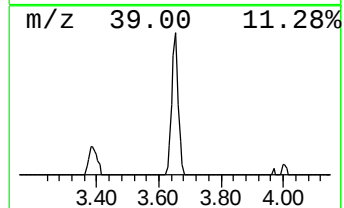
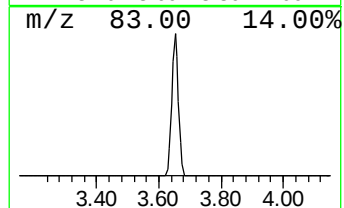
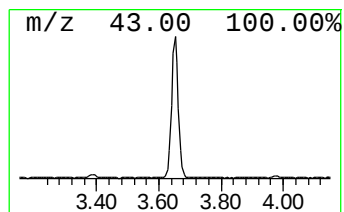
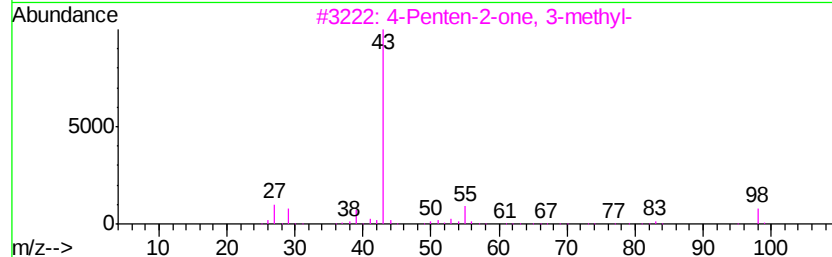
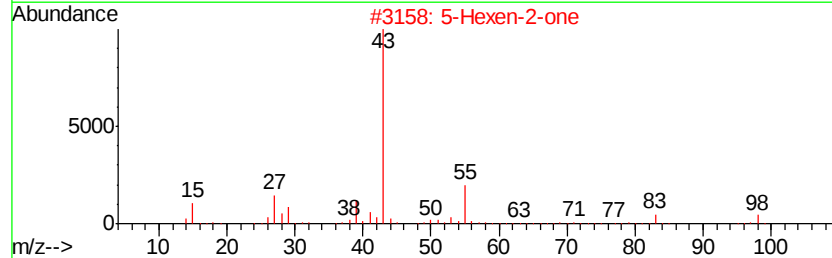
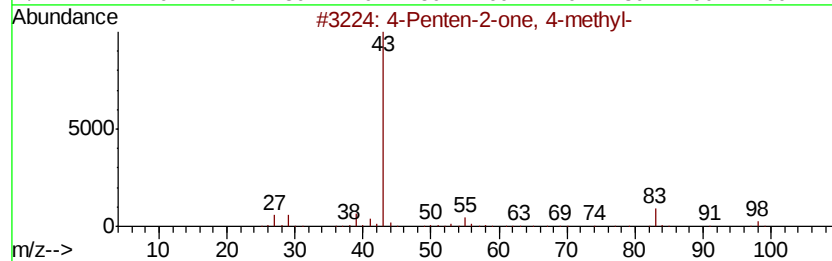
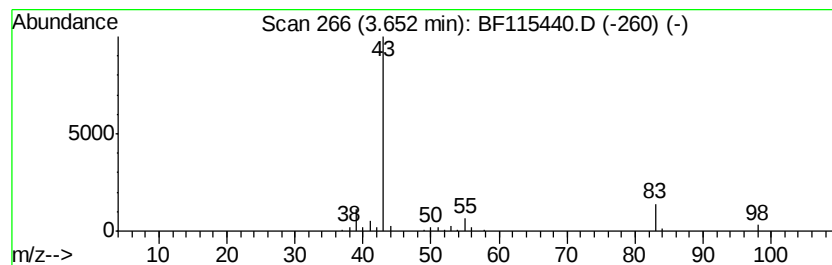
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Peak Number 2 4-Penten-2-one, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	3.13 ng	144231	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	80
2			5-Hexen-2-one	98	C6H10O	000109-49-9	59
3			4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	50
4			2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	23
5			2-Vinylethyl acetate	114	C6H10O2	001576-84-7	9



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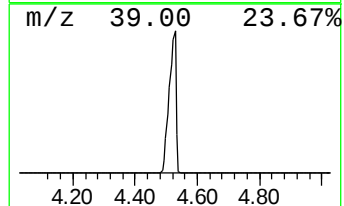
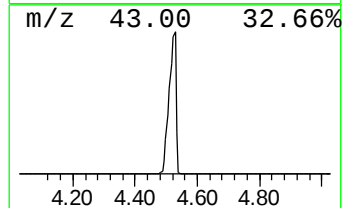
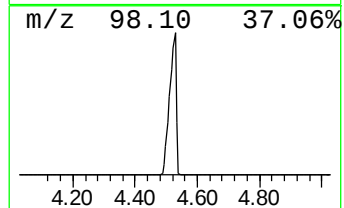
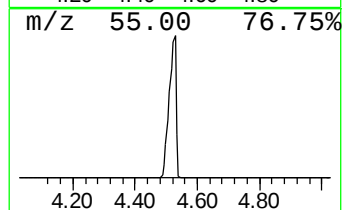
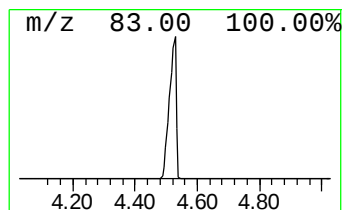
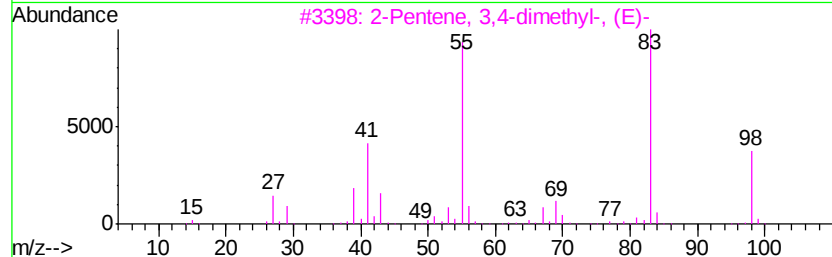
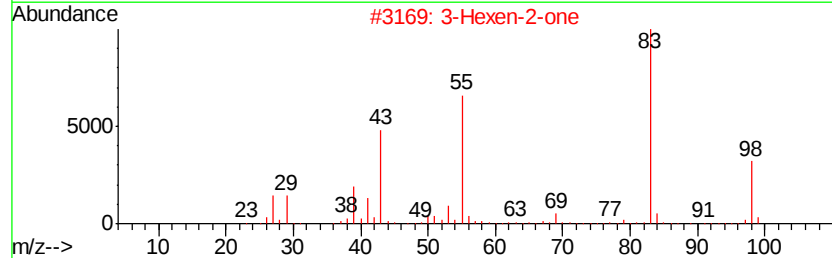
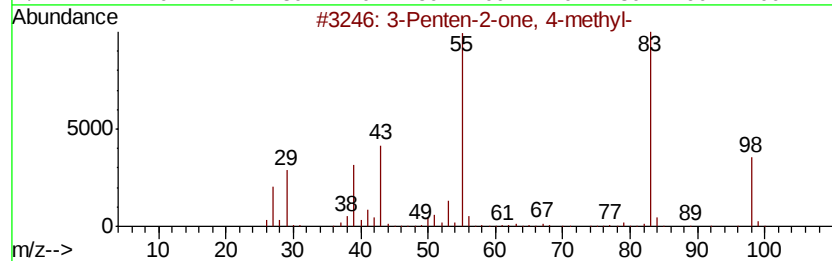
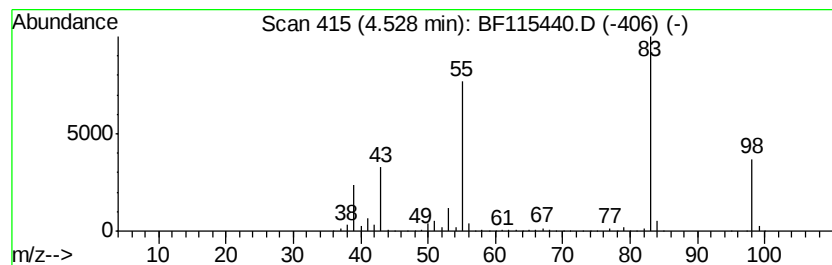
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.53	123.66 ng	5700640	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2		3-Hexen-2-one	98	C6H10O	000763-93-9	91
3		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
4		2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5		Furan, 2-methoxy-	98	C5H6O2	025414-22-6	78



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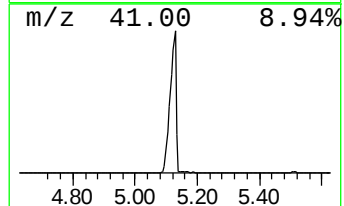
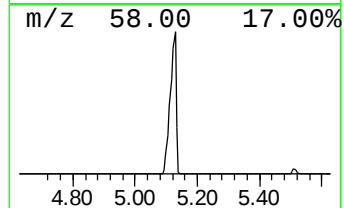
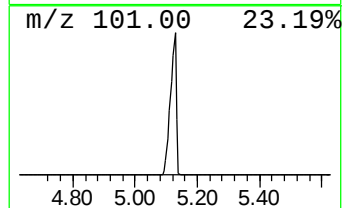
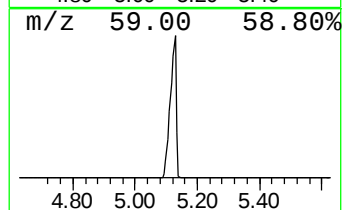
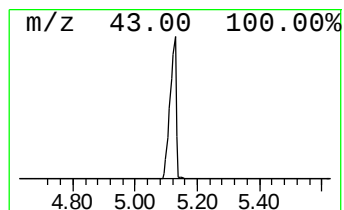
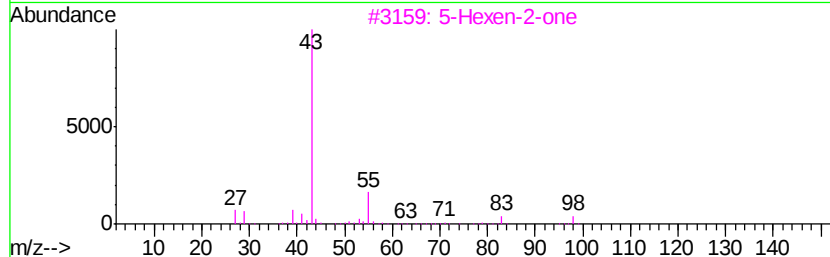
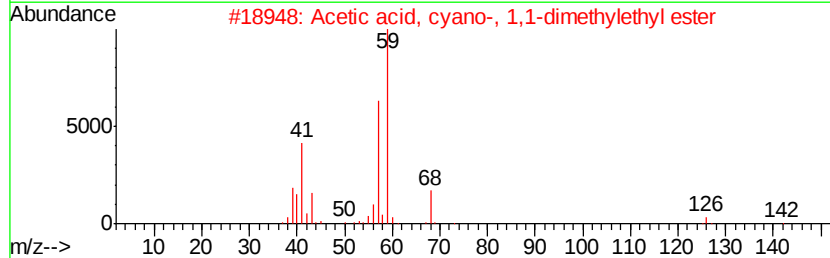
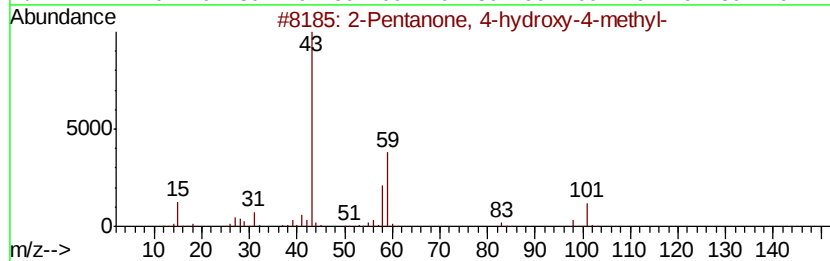
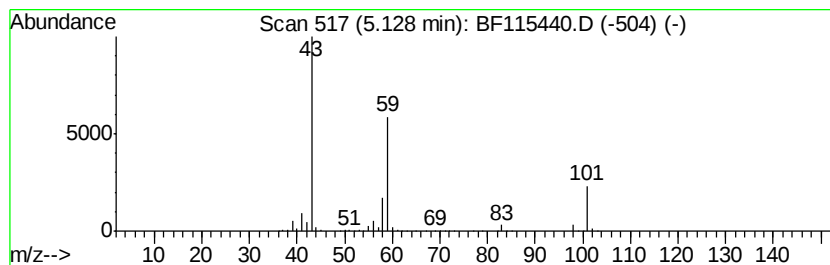
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Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	59.77 ng	2755520	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3			5-Hexen-2-one	98	C6H10O	000109-49-9	9
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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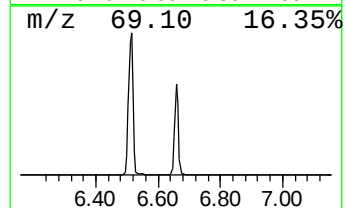
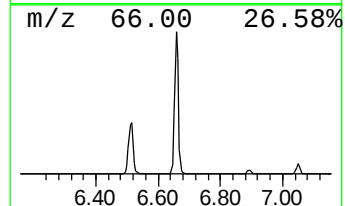
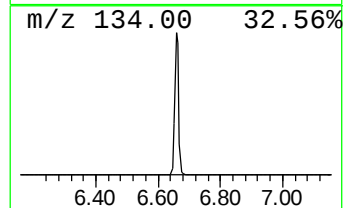
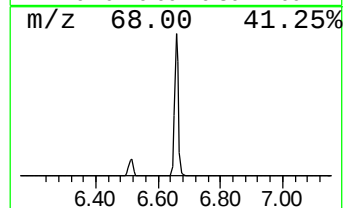
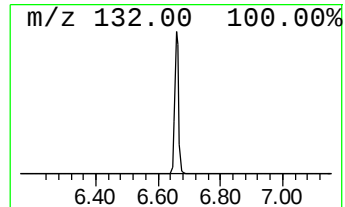
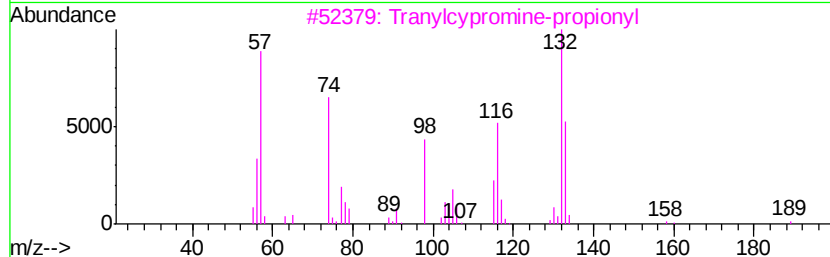
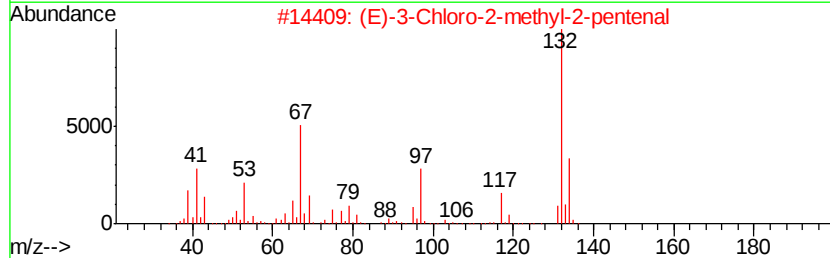
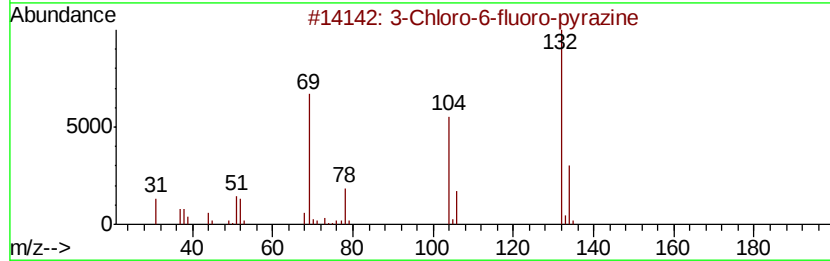
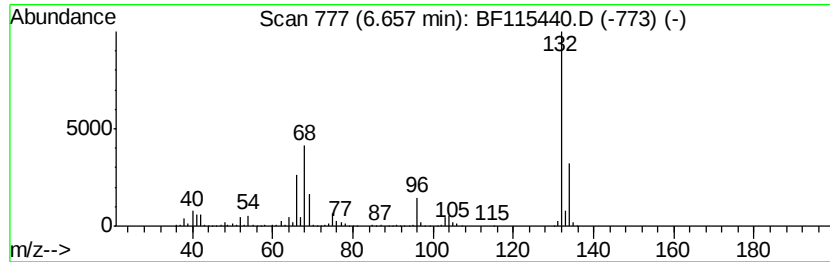
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Peak Number 5 unknown6.66 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	25.64 ng	1182060	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcvpromine-propionyl	189	C12H15NO	1000123-86-3	10
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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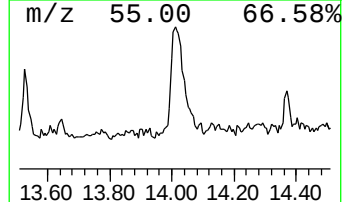
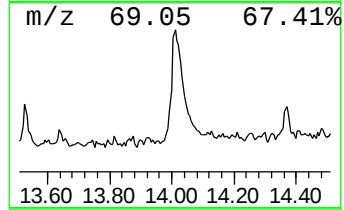
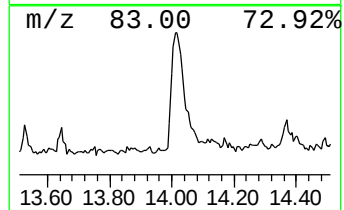
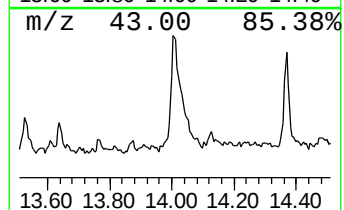
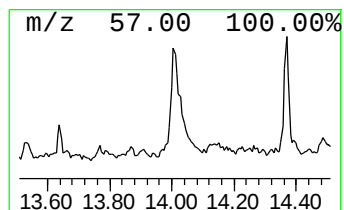
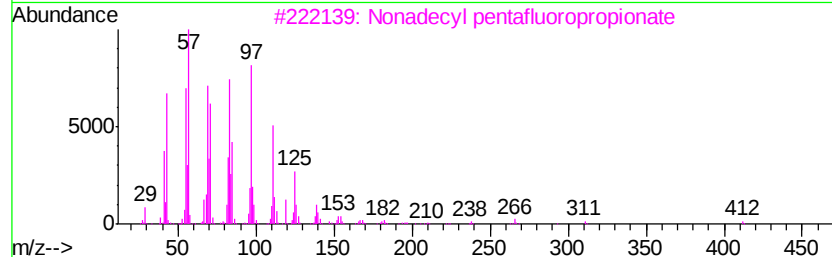
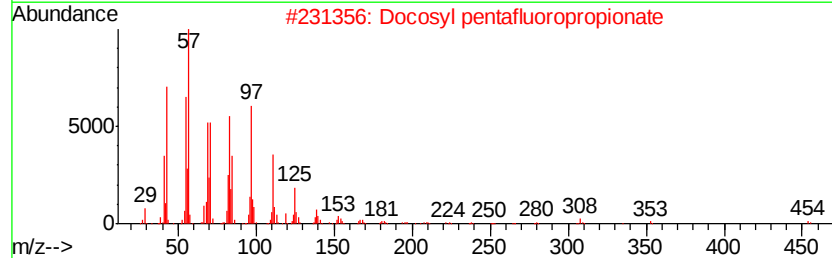
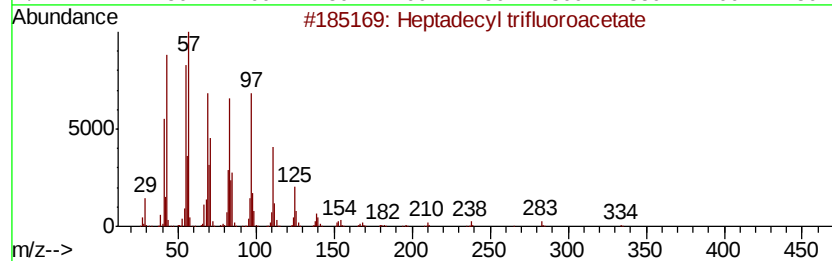
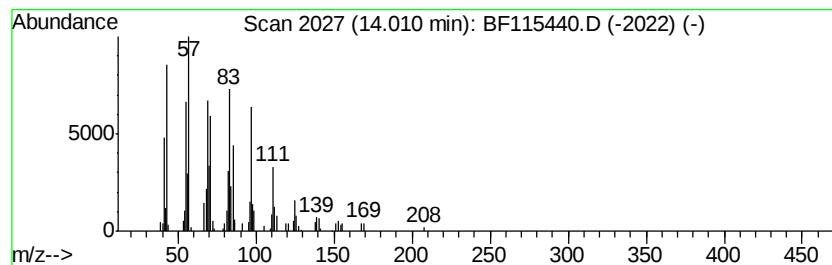
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecyl trifluoroacetate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	3.20 ng	208675	Chrysene-d12	14.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
2		Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	93
3		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4		Carbonic acid, isobutyl octadecyl...	370	C23H46O3	1000314-61-5	91
5		Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115440.D
Acq On : 9 Jul 2019 18:35
Operator : HP/JU
Sample : K3687-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE-RBR-251685

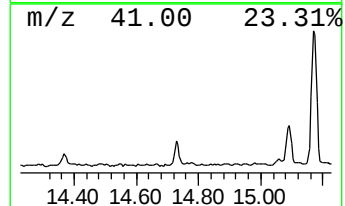
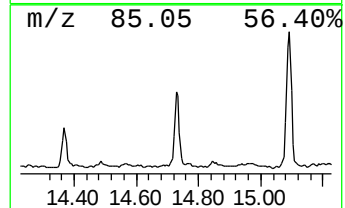
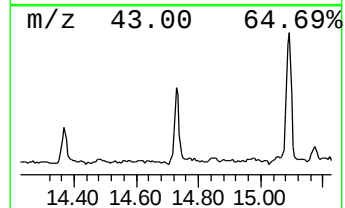
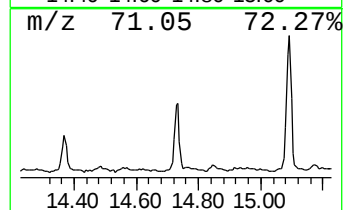
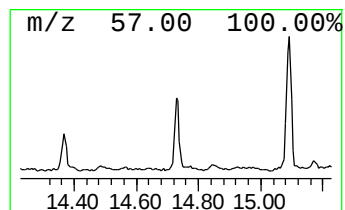
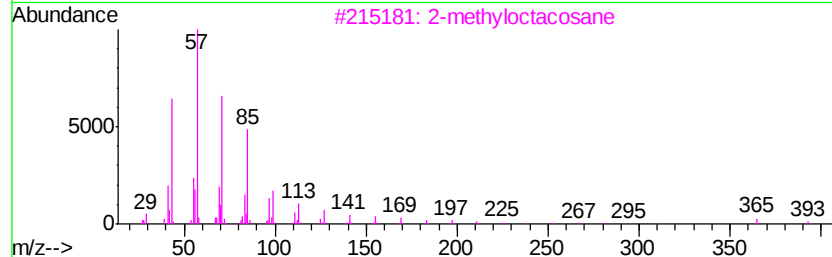
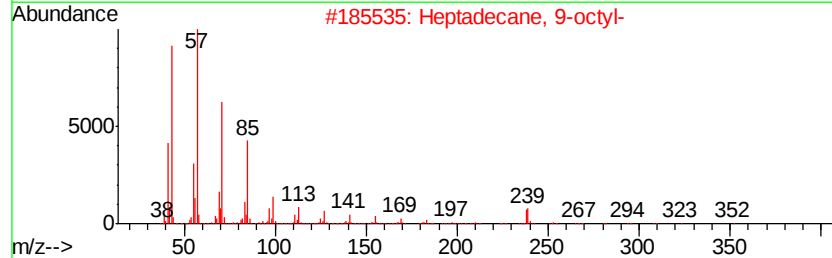
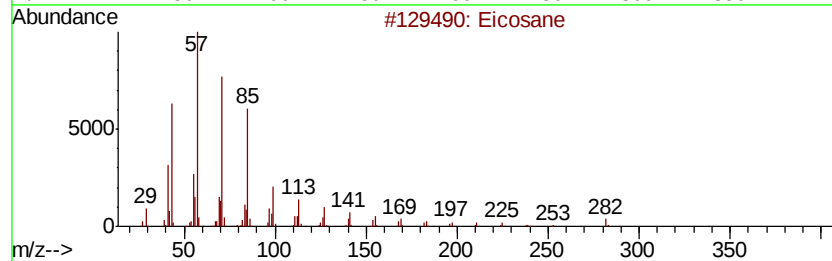
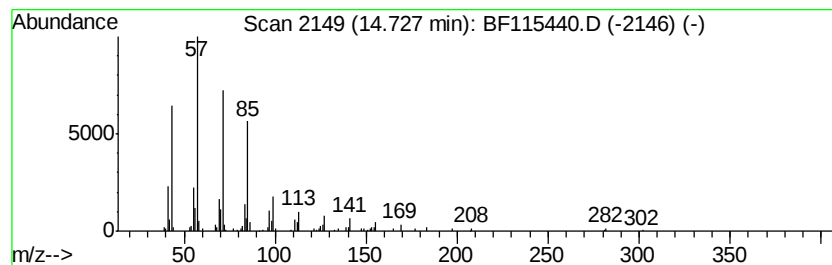
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.04 ng	133113	Chrysene-d12	14.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115440.D
Acq On : 9 Jul 2019 18:35
Operator : HP/JU
Sample : K3687-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CONCRETE-RBR-251685

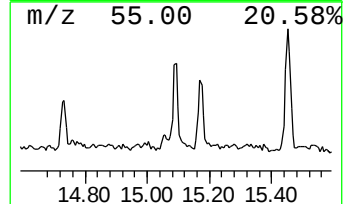
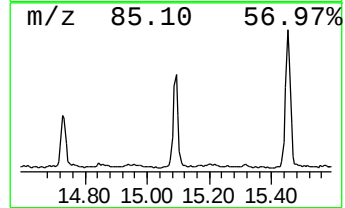
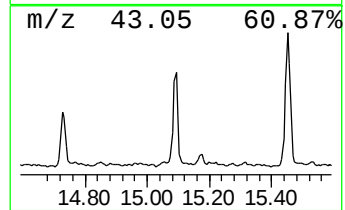
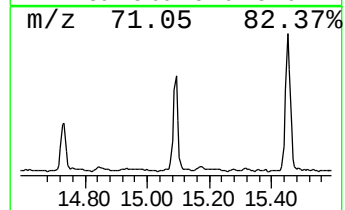
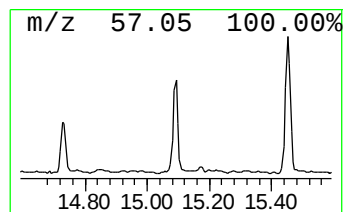
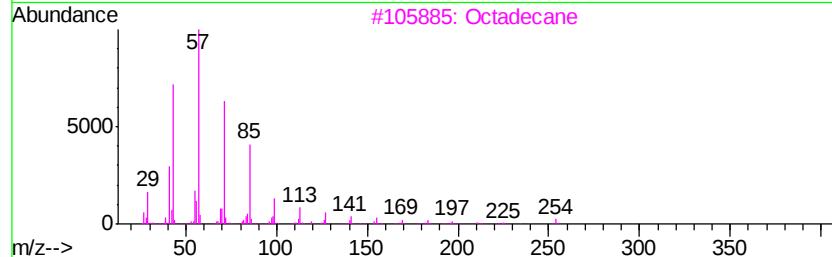
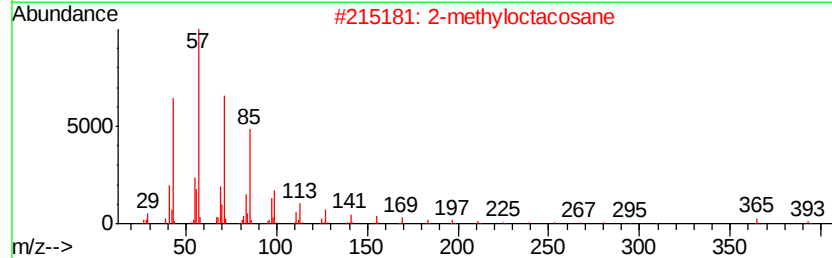
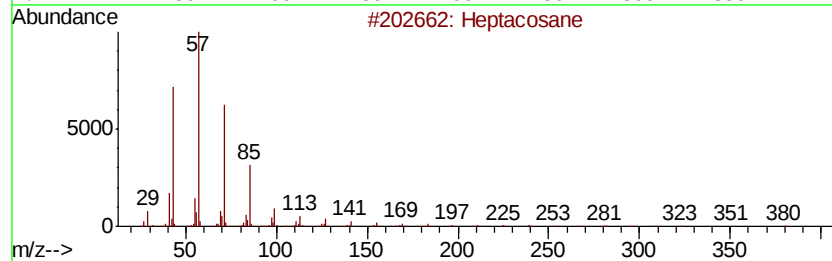
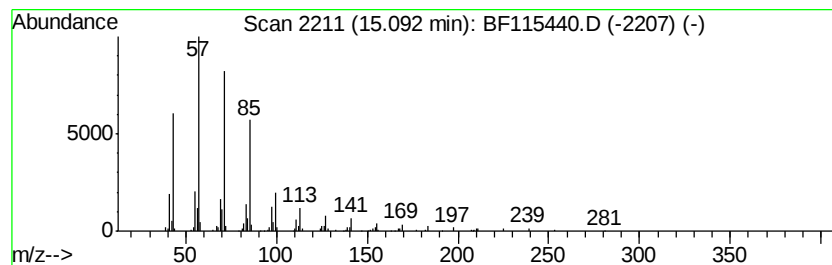
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	4.63 ng	242065	Perylene-d12	15.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	2-methyloctacosane		408	C29H60	1000376-72-8	91
3	Octadecane		254	C18H38	000593-45-3	87
4	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	86
5	Tetracosane		338	C24H50	000646-31-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115440.D
Acq On : 9 Jul 2019 18:35
Operator : HP/JU
Sample : K3687-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CONCRETE-RBR-251685

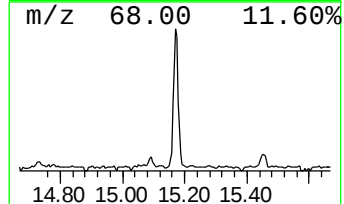
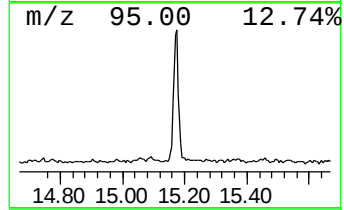
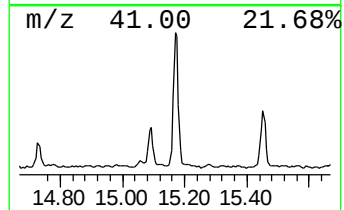
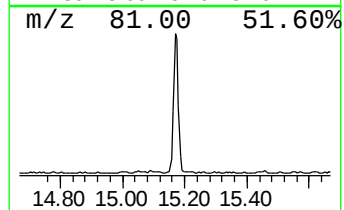
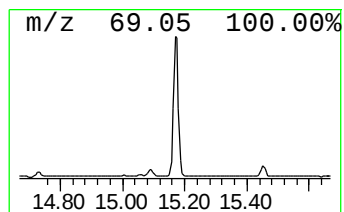
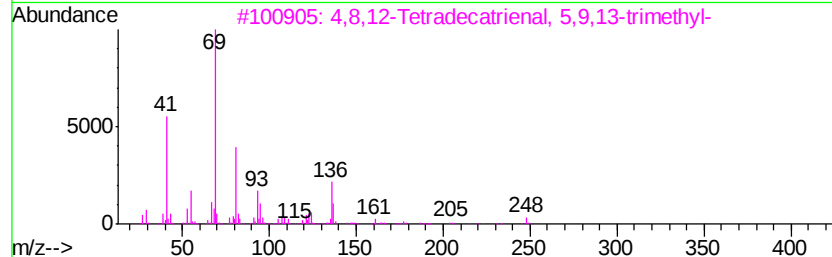
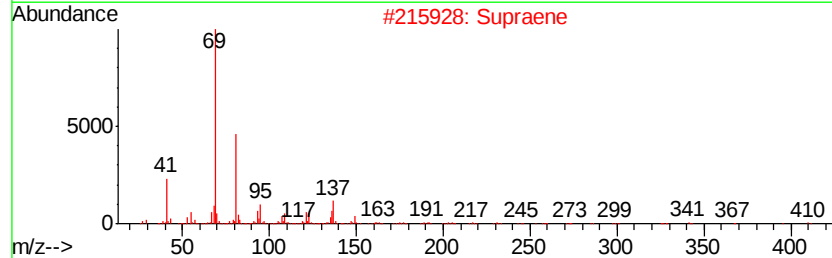
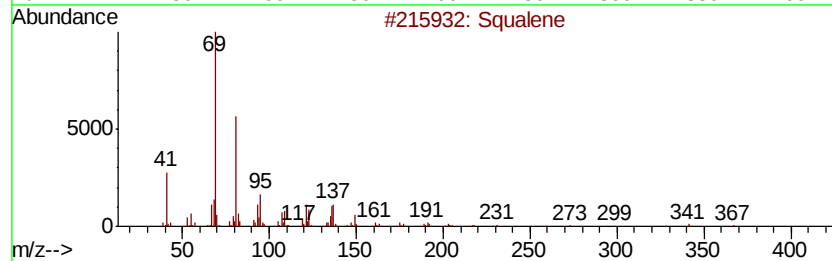
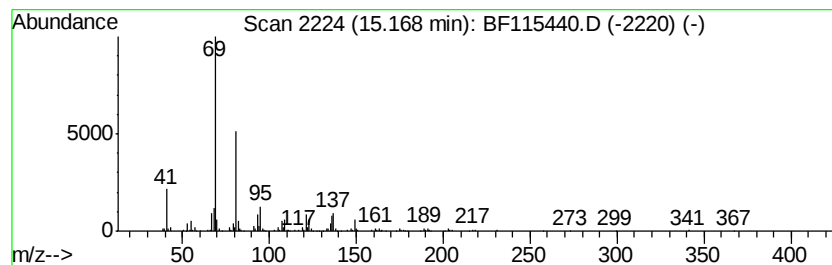
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	10.31 ng	538693	Perylene-d12	15.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	94
2		Supraene	410	C30H50	007683-64-9	91
3		4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72
4		2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	50
5		2,6-Octadiene, 4-methyl-	124	C9H16	074498-94-5	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
 Data File : BF115440.D
 Acq On : 9 Jul 2019 18:35
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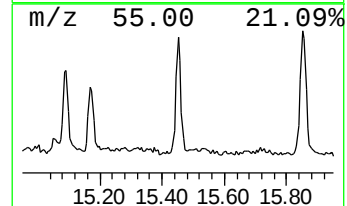
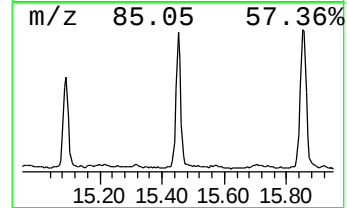
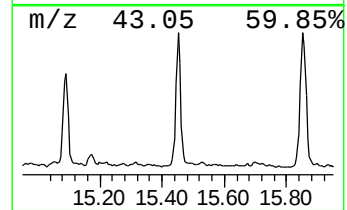
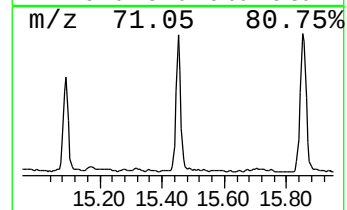
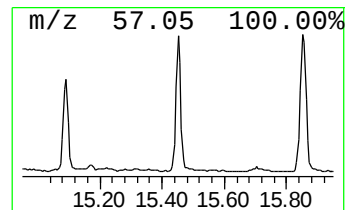
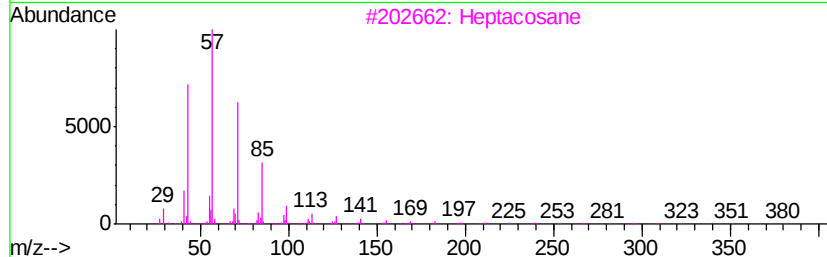
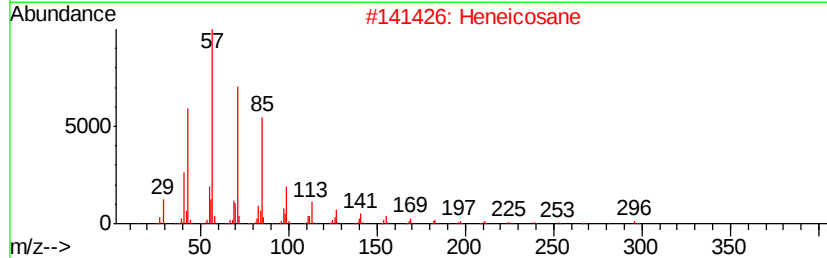
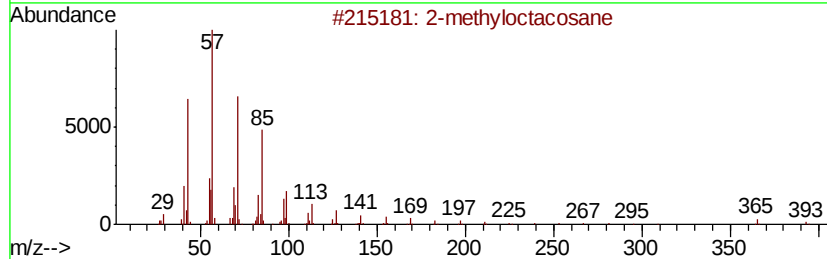
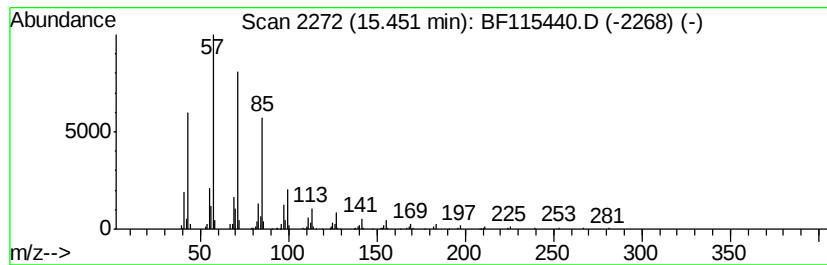
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 11 2-methyloctacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	6.71 ng	350683	Perylene-d12	15.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115440.D
Acq On : 9 Jul 2019 18:35
Operator : HP/JU
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Misc :
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Instrument :
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ClientSampleId :
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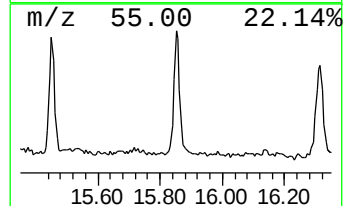
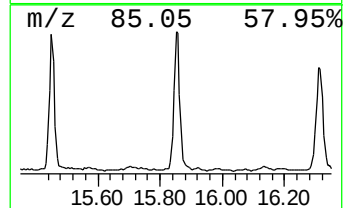
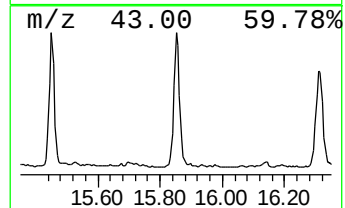
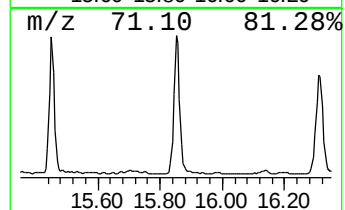
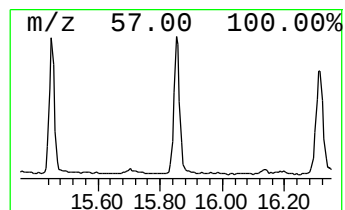
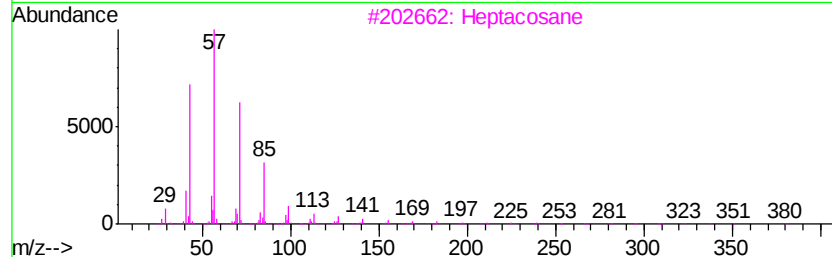
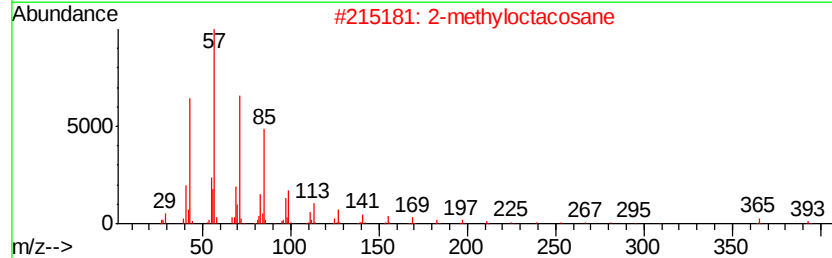
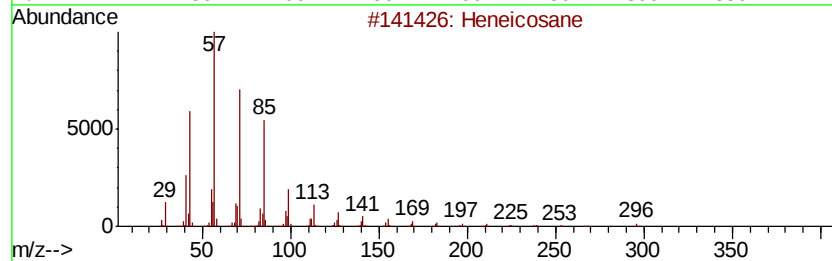
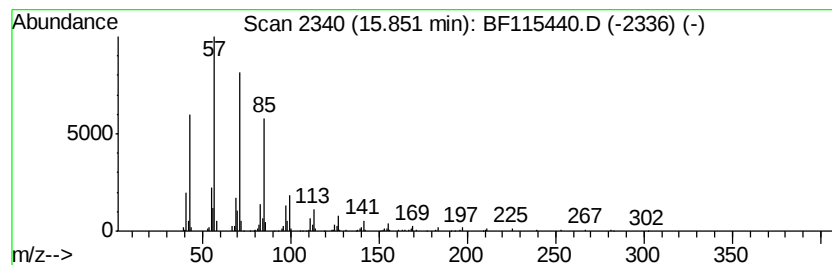
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	8.70 ng	454675	Perylene-d12	15.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115440.D
Acq On : 9 Jul 2019 18:35
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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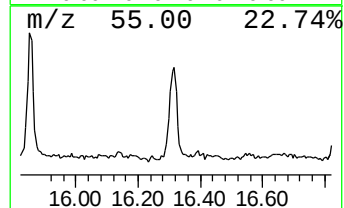
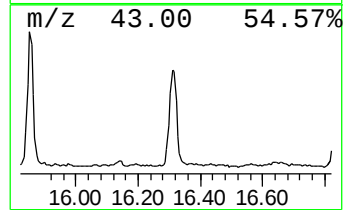
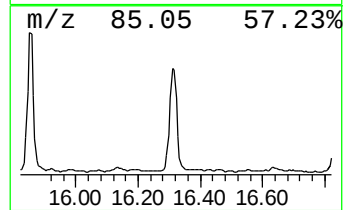
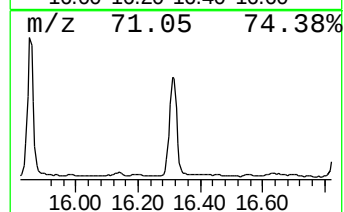
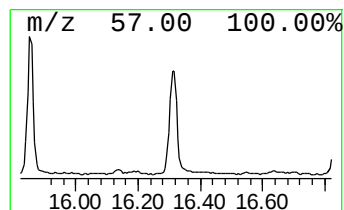
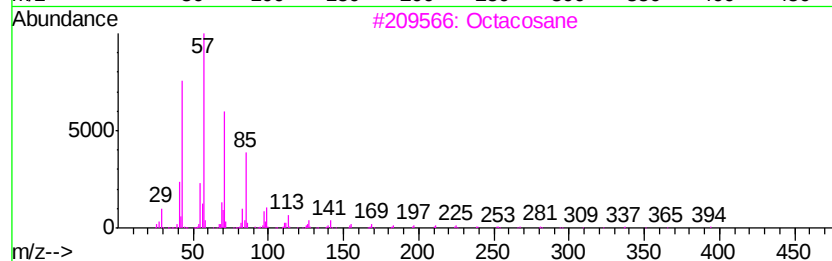
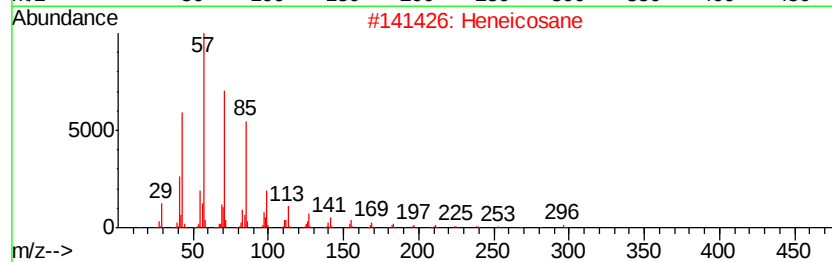
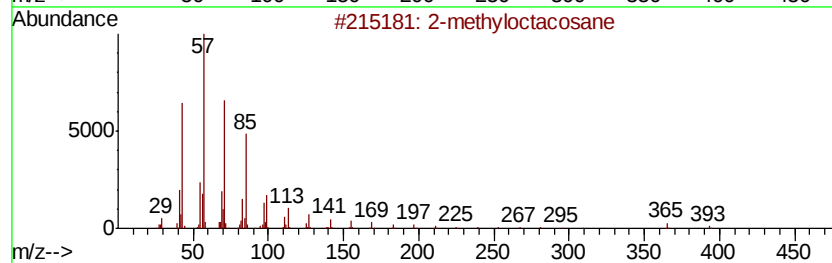
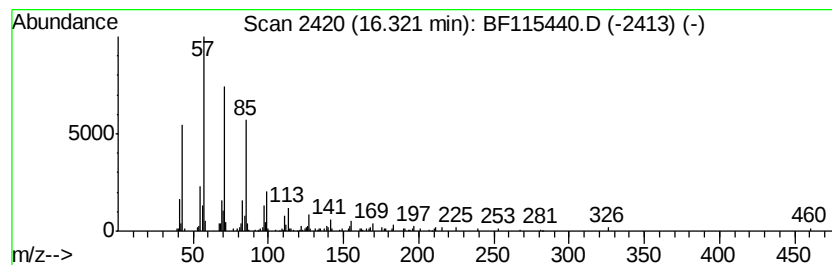
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Docosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	8.40 ng	438734	Perylene-d12	15.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	90
4		Docosane	310	C22H46	000629-97-0	90
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115440.D
Acq On : 9 Jul 2019 18:35
Operator : HP/JU
Sample : K3687-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE-RBR-251685

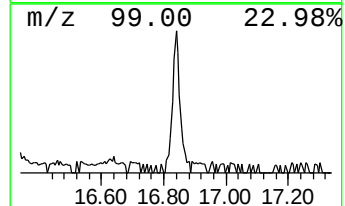
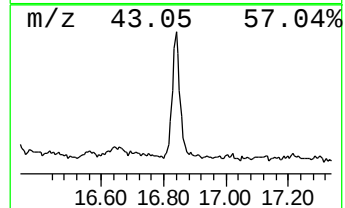
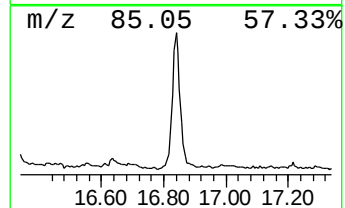
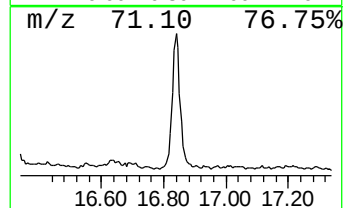
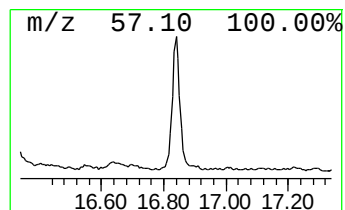
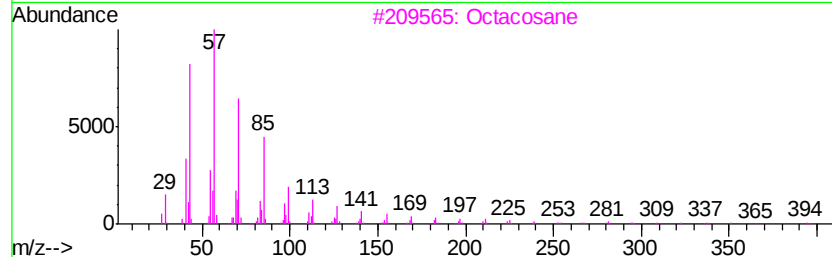
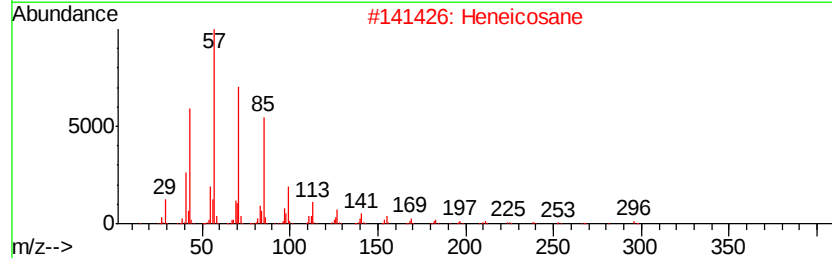
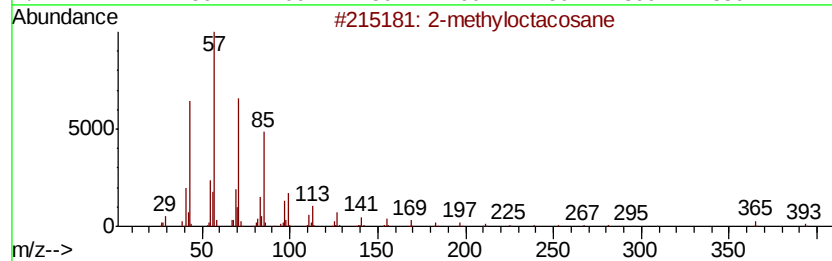
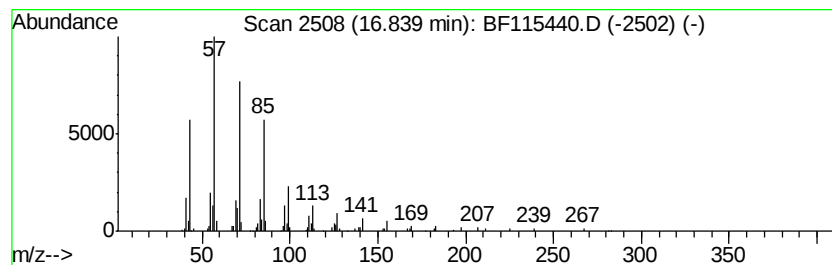
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecane, 1-iodo- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	4.46 ng	232910	Perylene-d12	15.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heptadecane	240	C17H36	000629-78-7	91
5		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070919\
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 Acq On : 9 Jul 2019 18:35
 Operator : HP/JU
 Sample : K3687-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-RBR-251685

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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...	2.20	33.6	ng	1551310	1	6.89	921974	20.0
4-Penten-2-one, 4...	3.65	3.1	ng	144231	1	6.89	921974	20.0
3-Penten-2-one, 4...	4.53	123.7	ng	5700640	1	6.89	921974	20.0
2-Pentanone, 4-hy...	5.13	59.8	ng	2755520	1	6.89	921974	20.0
unknown6.66	6.66	25.6	ng	1182060	1	6.89	921974	20.0
Heptadecyl triflu...	14.01	3.2	ng	208675	5	14.16	1306070	20.0
Eicosane	14.73	2.0	ng	133113	5	14.16	1306070	20.0
Heptacosane	15.09	4.6	ng	242065	6	15.77	1044850	20.0
Squalene	15.17	10.3	ng	538693	6	15.77	1044850	20.0
2-methyloctacosane	15.45	6.7	ng	350683	6	15.77	1044850	20.0
Heneicosane	15.85	8.7	ng	454675	6	15.77	1044850	20.0
Docosane	16.32	8.4	ng	438734	6	15.77	1044850	20.0
Hexadecane, 1-iodo-	16.84	4.5	ng	232910	6	15.77	1044850	20.0