

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120919\
 Data File : BF118153.D
 Acq On : 9 Dec 2019 19:21
 Operator : JU
 Sample : K6177-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-8

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-BF120619.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	2.134	3	8	15	rVB	188855	249885	8.36%	0.973%
2	5.081	504	509	523	rVB	385675	472480	15.81%	1.840%
3	5.487	573	578	581	rBV	2585847	2360830	78.99%	9.194%
4	6.498	745	750	753	rBV	2523149	2470816	82.67%	9.622%
5	6.639	769	774	777	rBV	3183799	2697321	90.24%	10.504%
6	6.869	809	813	821	rBV	736779	628391	21.02%	2.447%
7	7.028	835	840	843	rBV	2325027	2125010	71.10%	8.275%
8	7.434	904	909	912	rBV	1649877	1547053	51.76%	6.025%
9	8.151	1028	1031	1040	rVB	835847	746298	24.97%	2.906%
10	9.233	1210	1215	1218	rBV	3471718	2988948	100.00%	11.640%
11	9.310	1225	1228	1230	rVB	54611	41920	1.40%	0.163%
12	9.627	1278	1282	1285	rBV	203878	204597	6.85%	0.797%
13	9.839	1311	1318	1323	rBV	78192	79978	2.68%	0.311%
14	9.916	1327	1331	1334	rBV	1034258	861716	28.83%	3.356%
15	10.339	1401	1403	1406	rVB	76035	56981	1.91%	0.222%
16	10.563	1435	1441	1446	rBV	31417	44699	1.50%	0.174%
17	10.704	1461	1465	1476	rVB	1996685	1853138	62.00%	7.217%
18	10.816	1481	1484	1490	rBV	75895	96336	3.22%	0.375%
19	11.263	1557	1560	1563	rBV	54544	49875	1.67%	0.194%
20	11.298	1563	1566	1572	rVB2	33921	36608	1.22%	0.143%
21	11.404	1580	1584	1592	rBV	887714	819983	27.43%	3.193%
22	11.692	1630	1633	1638	rVB	53541	40254	1.35%	0.157%
23	11.927	1670	1673	1682	rBV	245411	243762	8.16%	0.949%
24	12.492	1765	1769	1776	rVB3	32750	36548	1.22%	0.142%
25	12.716	1804	1807	1813	rBV2	51972	64791	2.17%	0.252%
26	12.998	1850	1855	1858	rBV	2548152	2357056	78.86%	9.179%
27	13.892	2003	2007	2018	rBV	228402	314536	10.52%	1.225%
28	14.057	2031	2035	2049	rVB	701096	670322	22.43%	2.610%
29	14.215	2058	2062	2067	rBV	34866	41870	1.40%	0.163%
30	14.521	2110	2114	2122	rBV3	71674	123658	4.14%	0.482%
31	14.833	2161	2167	2170	rBV	81026	86546	2.90%	0.337%
32	15.174	2221	2225	2229	rBV	78414	99032	3.31%	0.386%
33	15.551	2283	2289	2296	rBV	593148	874205	29.25%	3.404%
34	16.015	2363	2368	2373	rBV	69346	98909	3.31%	0.385%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	16.068	2373	2377	2386	rBV6	41530	85035	2.84%	0.331%
36	16.527	2451	2455	2460	rBV3	36233	60697	2.03%	0.236%
37	17.139	2553	2559	2564	rBV4	21141	48773	1.63%	0.190%

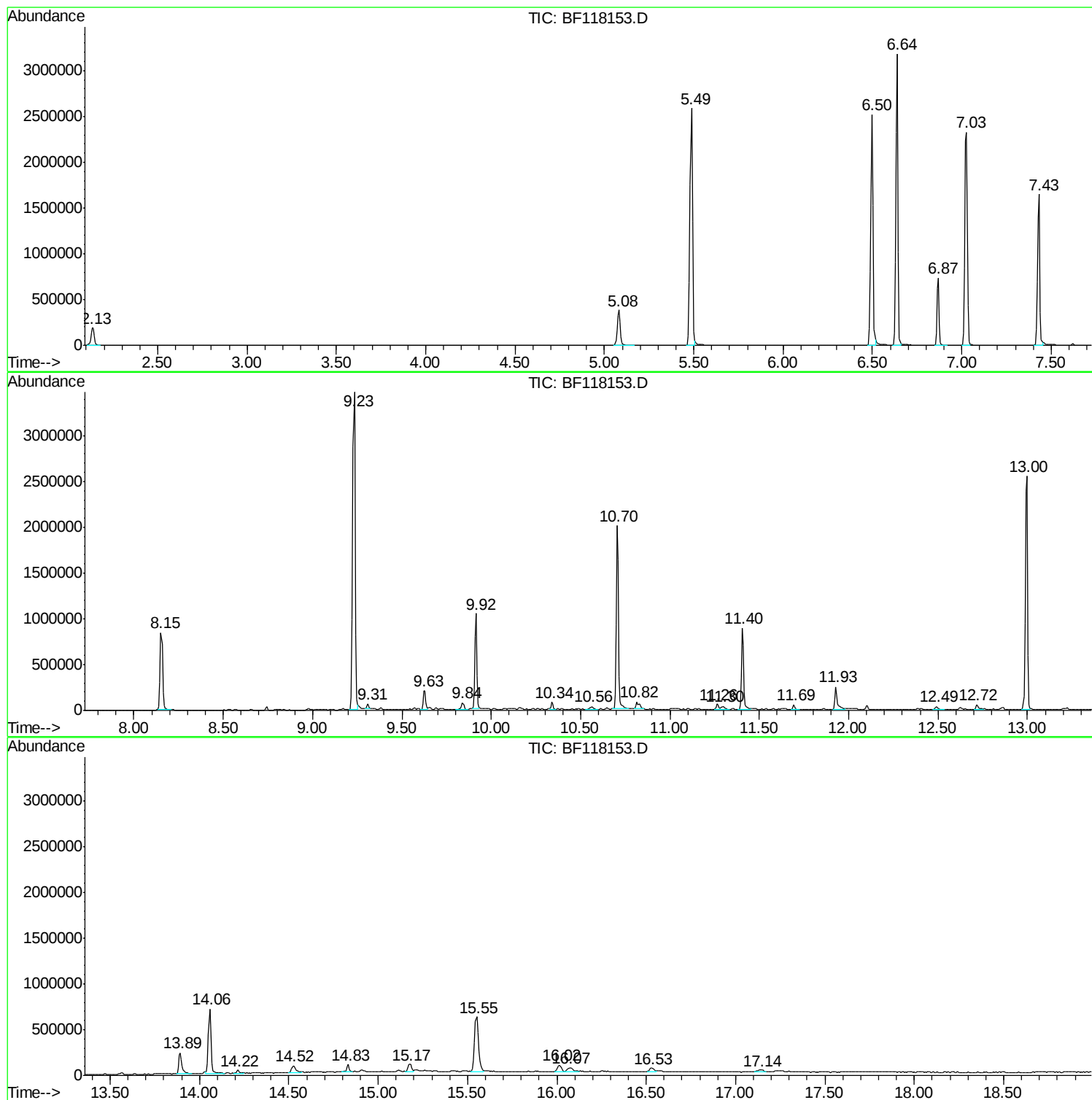
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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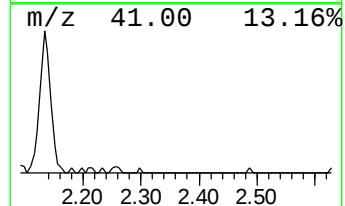
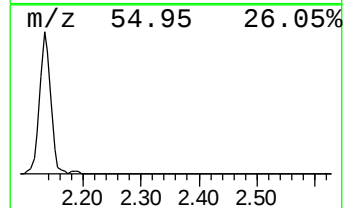
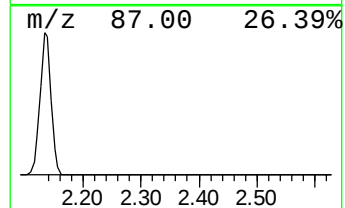
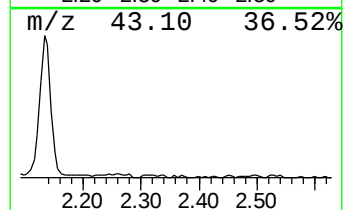
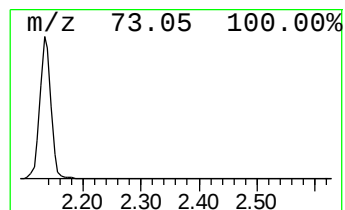
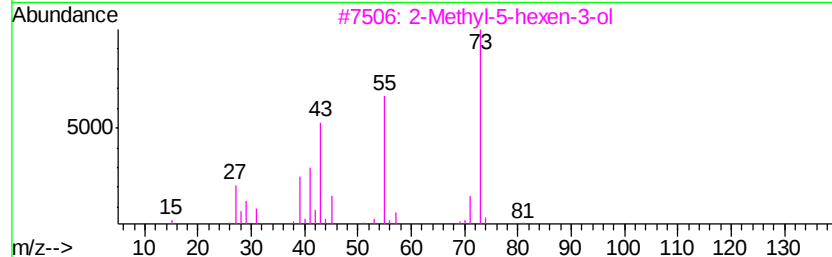
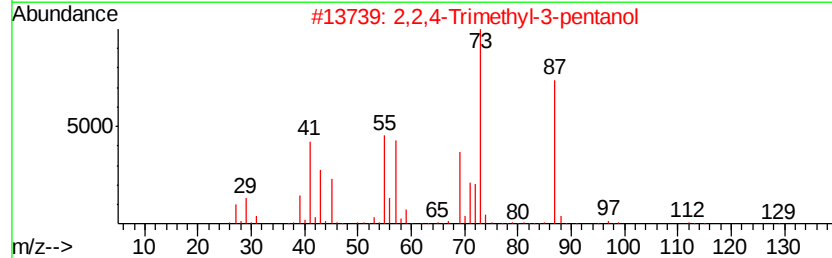
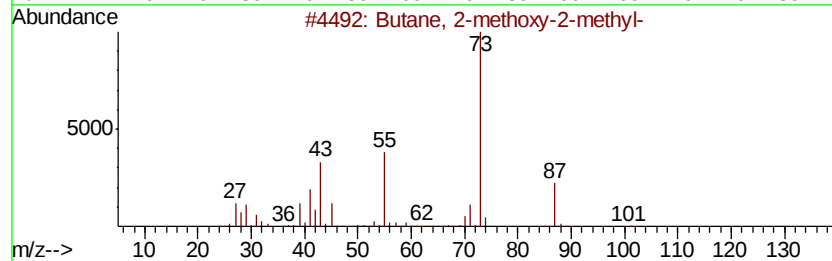
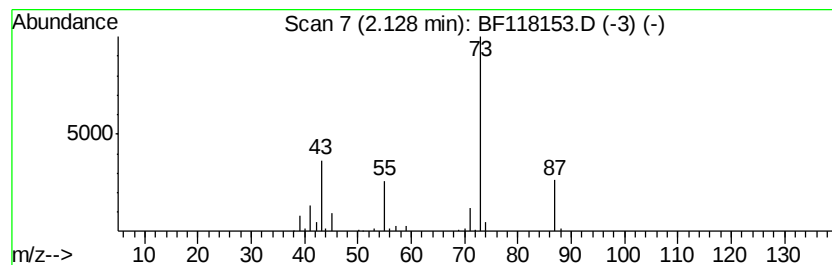
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	7.95 ng	249885	1,4-Dichlorobenzene-d4	6.87

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	40
3		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	40
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



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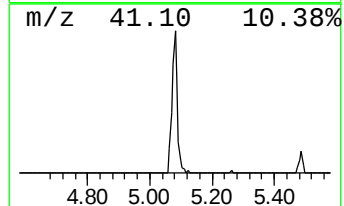
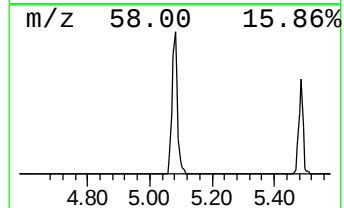
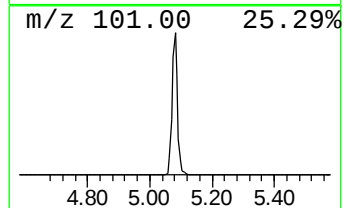
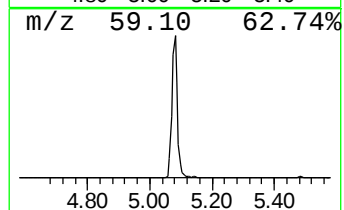
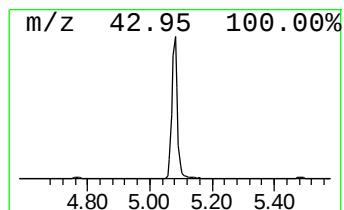
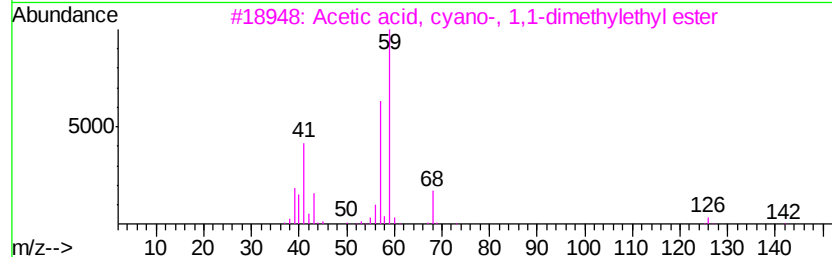
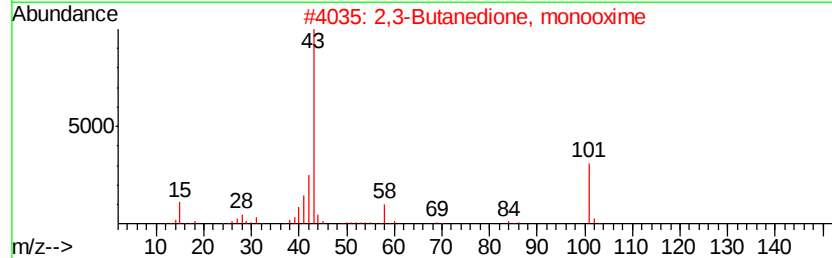
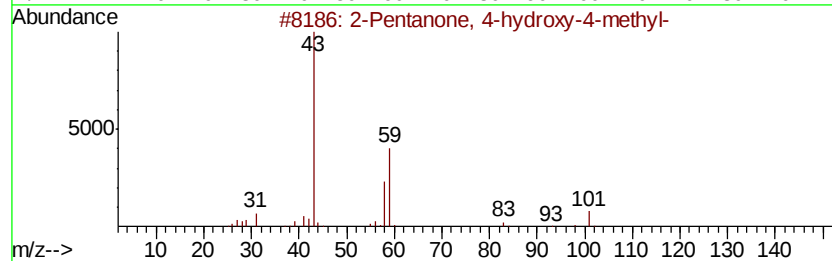
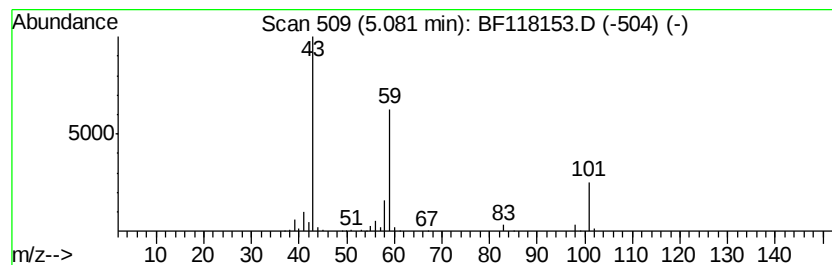
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	15.04 ng	472480	1,4-Dichlorobenzene-d4	6.87

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	25
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4		Acetone	58	C3H6O	000067-64-1	10
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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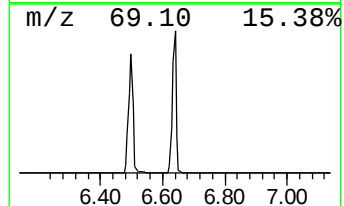
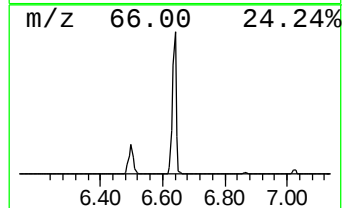
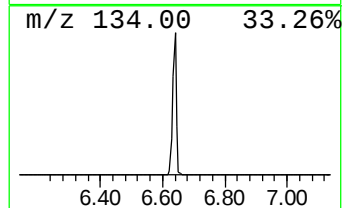
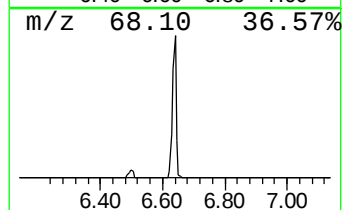
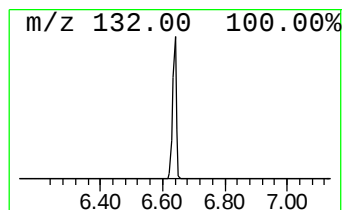
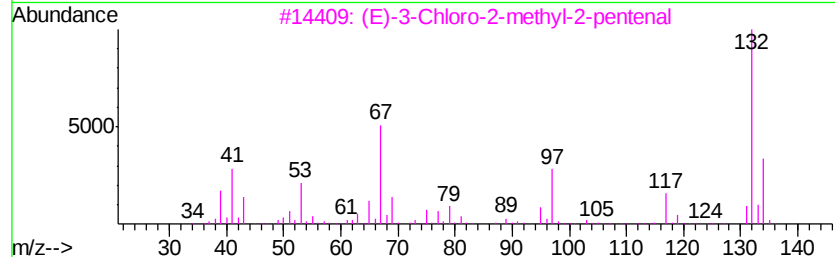
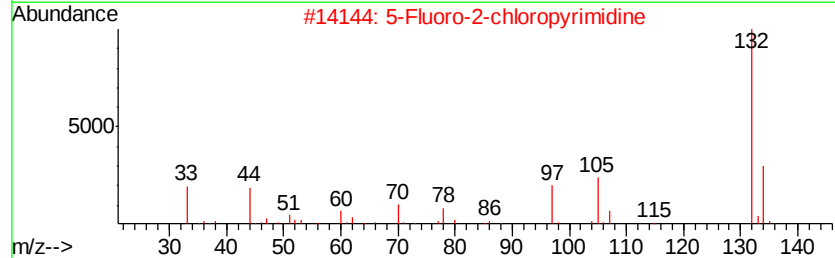
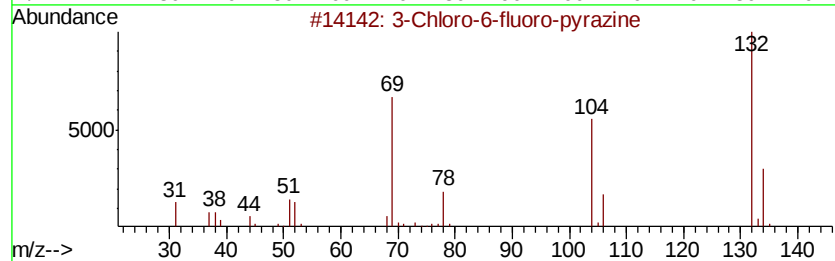
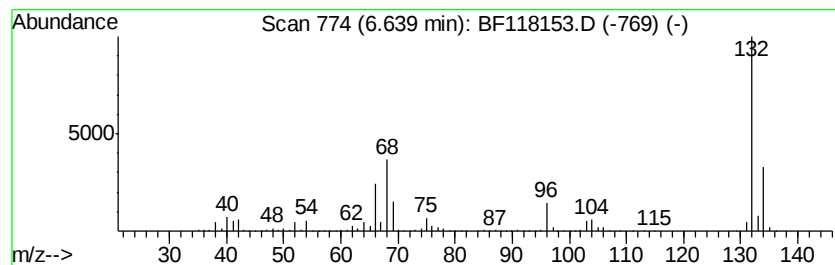
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	85.85 ng	2697320	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
4		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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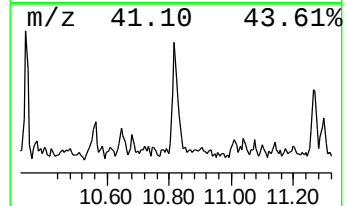
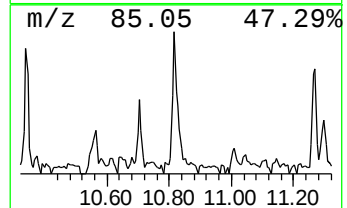
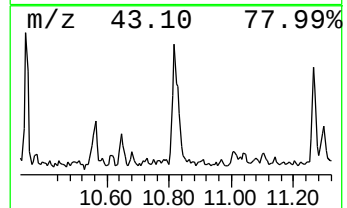
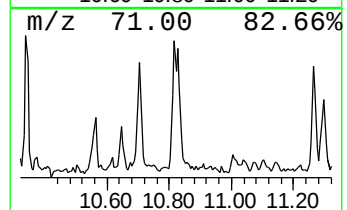
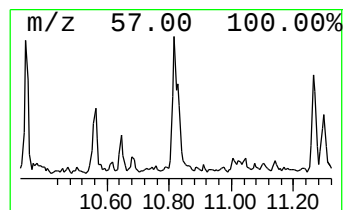
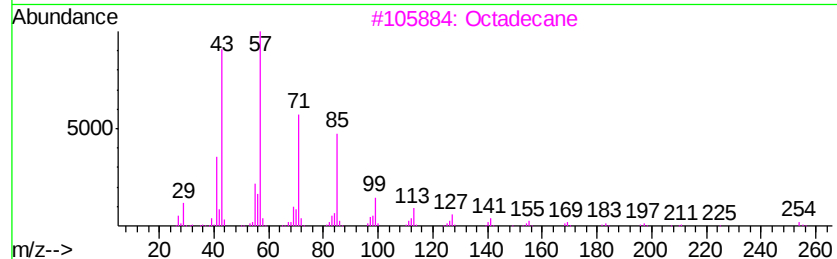
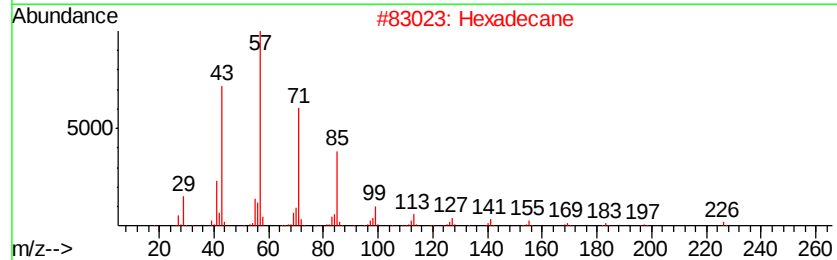
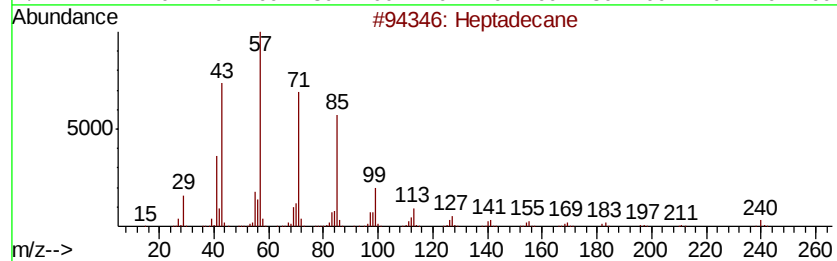
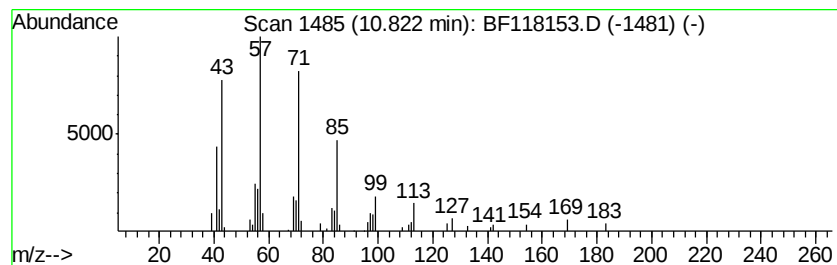
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.82	2.35 ng	96336	Phenanthrene-d10	11.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Octadecane	254	C18H38	000593-45-3	87
4	Tetracosane	338	C24H50	000646-31-1	86
5	Tetradecane	198	C14H30	000629-59-4	86



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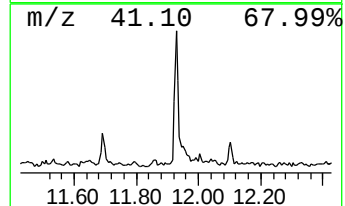
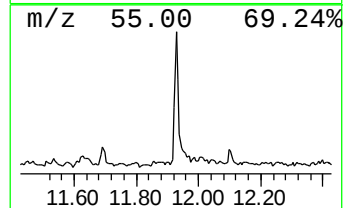
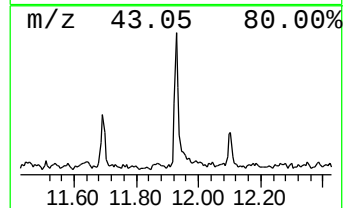
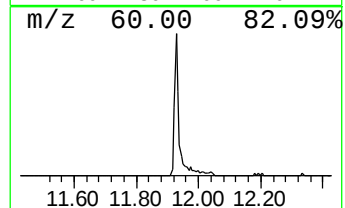
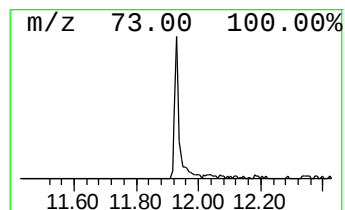
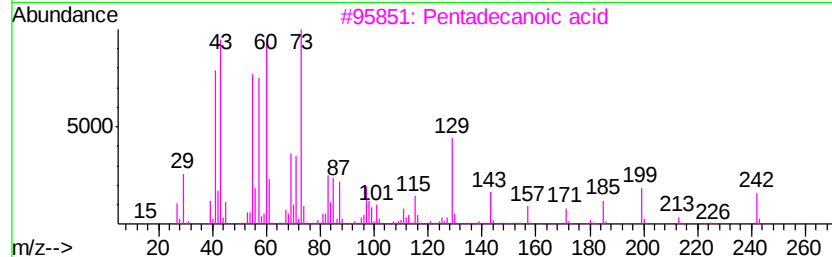
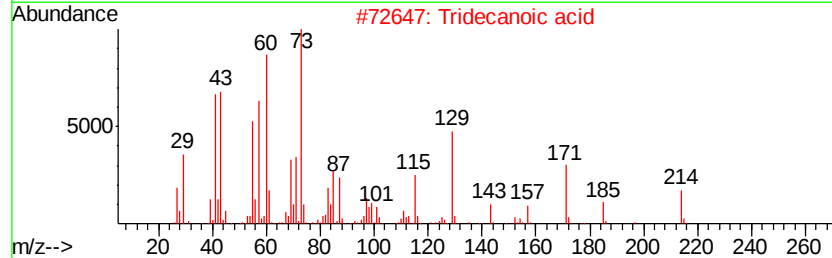
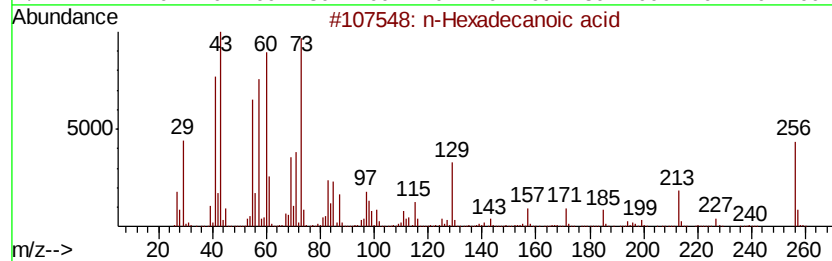
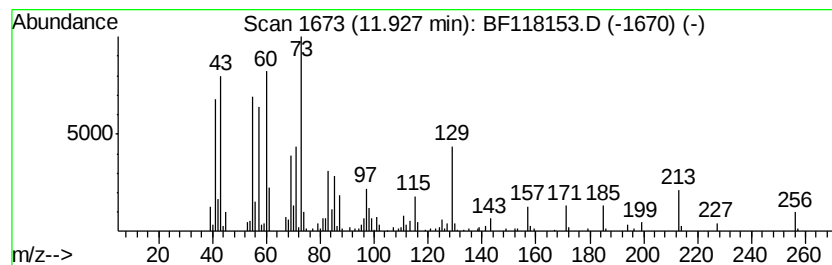
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	5.95 ng	243762	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5		n-Decanoic acid	172	C10H20O2	000334-48-5	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
Data File : BF118153.D
Acq On : 9 Dec 2019 19:21
Operator : JU
Sample : K6177-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-8

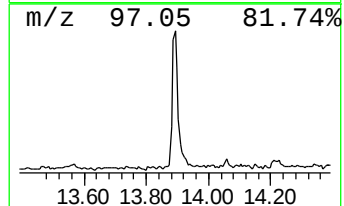
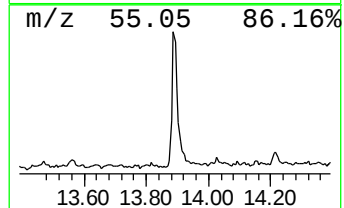
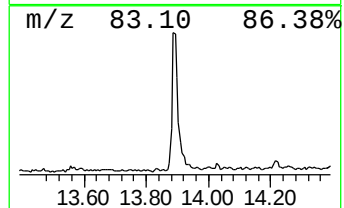
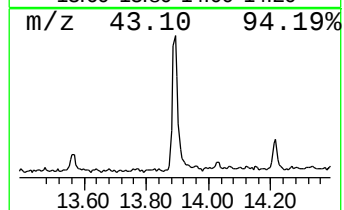
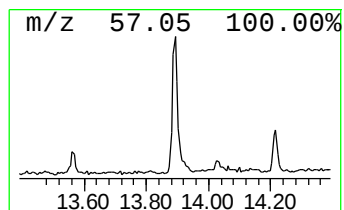
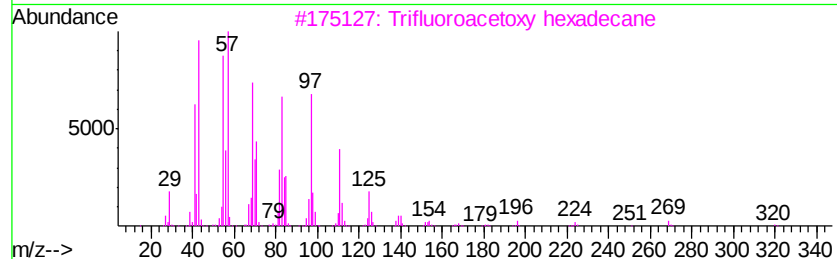
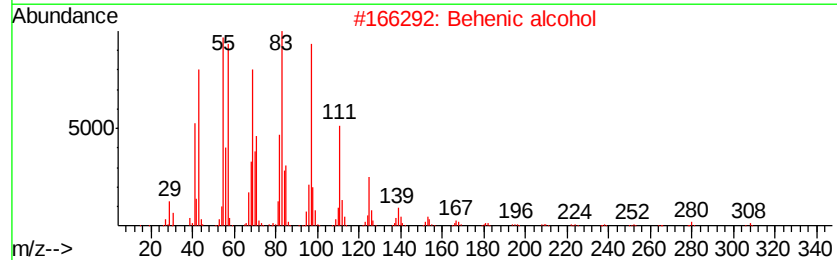
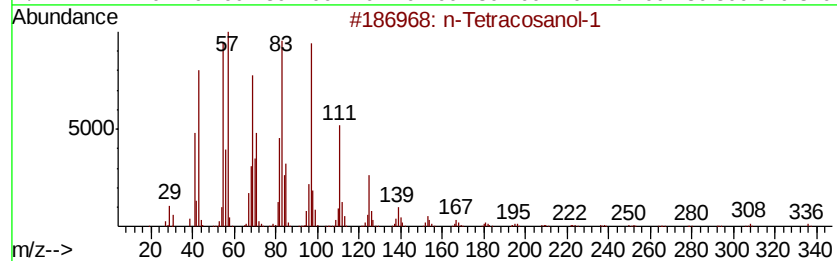
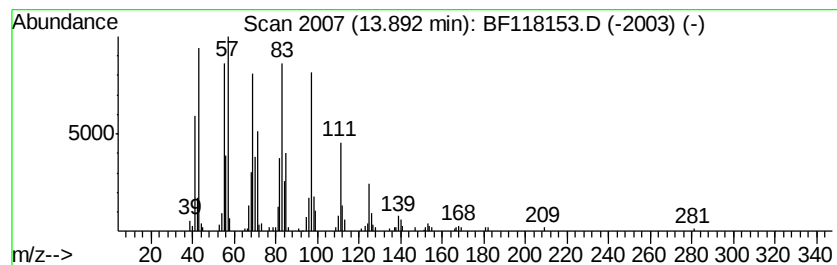
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Tetracosanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	9.38 ng	314536	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2		Behenic alcohol	326	C22H46O	000661-19-8	95
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
Data File : BF118153.D
Acq On : 9 Dec 2019 19:21
Operator : JU
Sample : K6177-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-8

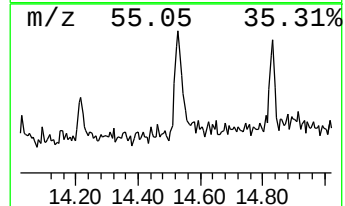
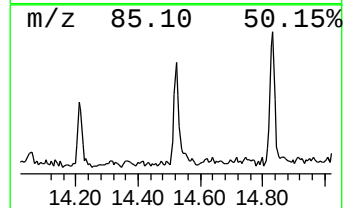
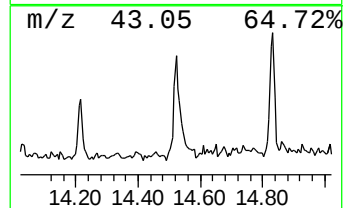
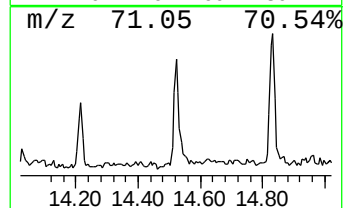
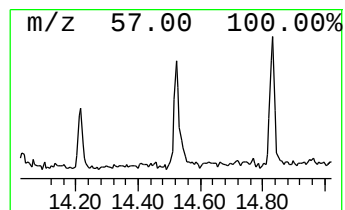
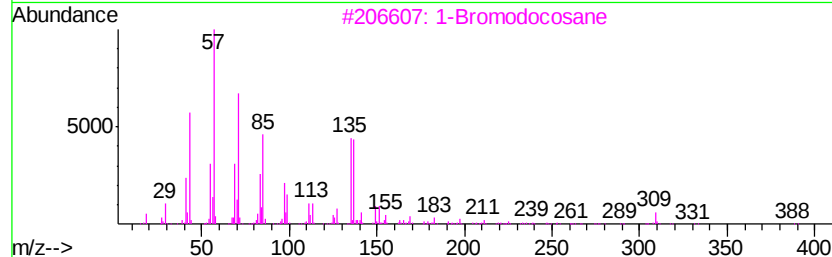
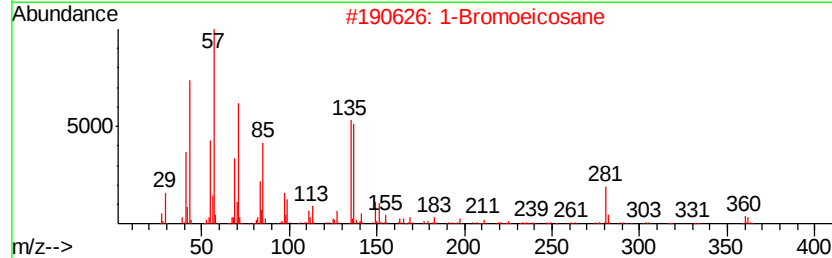
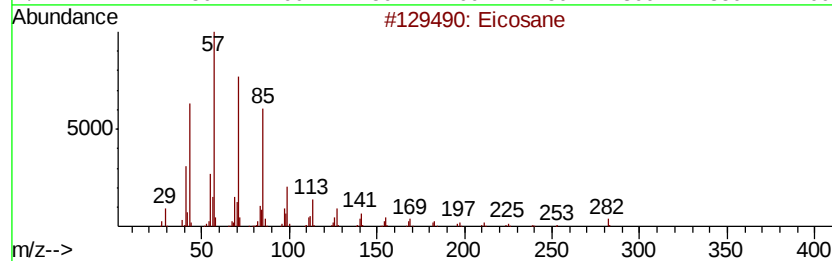
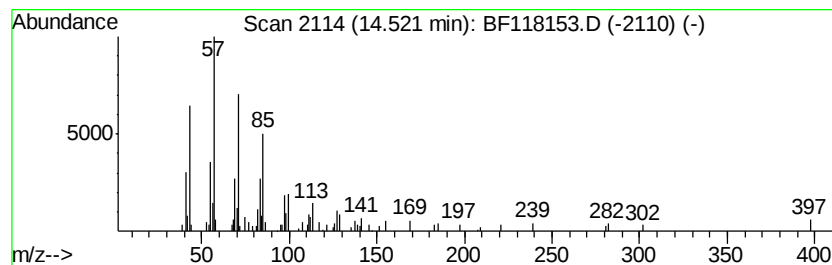
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	3.69 ng	123658	Chrysene-d12	14.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	98
2	1-Bromoeicosane		360	C20H41Br	004276-49-7	91
3	1-Bromodocosane		388	C22H45Br	006938-66-5	87
4	Hexacosane		366	C26H54	000630-01-3	83
5	Tetracosane		338	C24H50	000646-31-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
Data File : BF118153.D
Acq On : 9 Dec 2019 19:21
Operator : JU
Sample : K6177-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-8

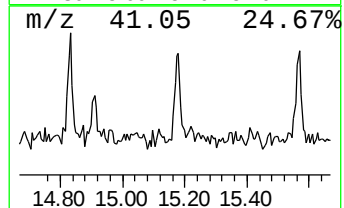
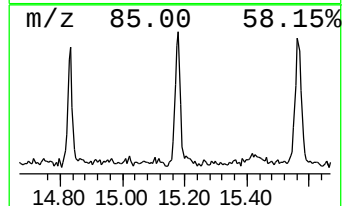
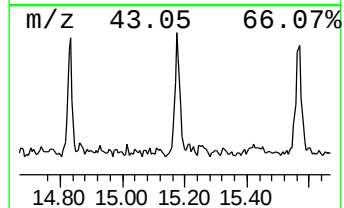
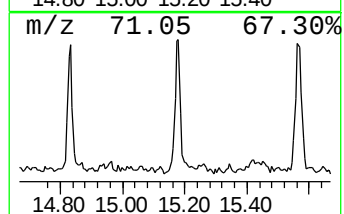
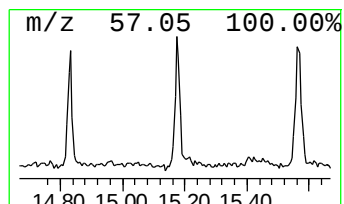
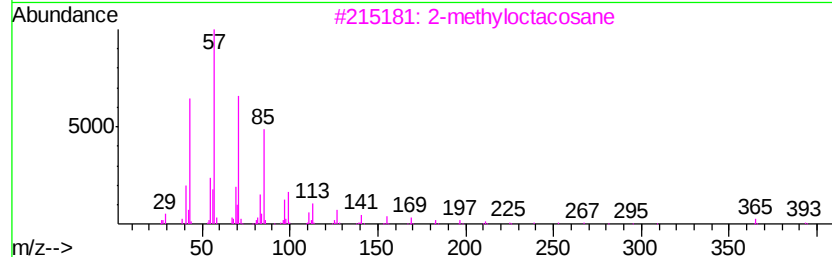
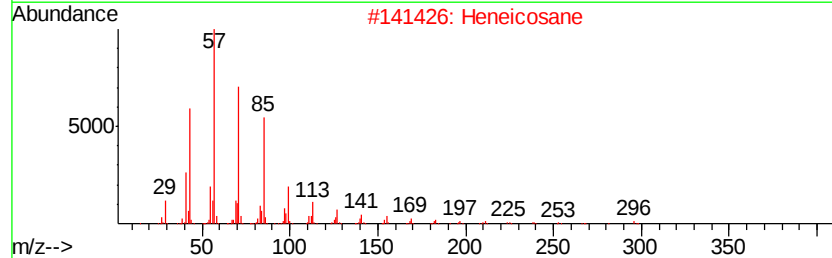
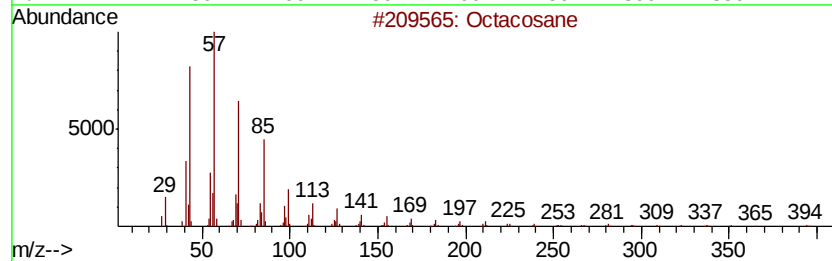
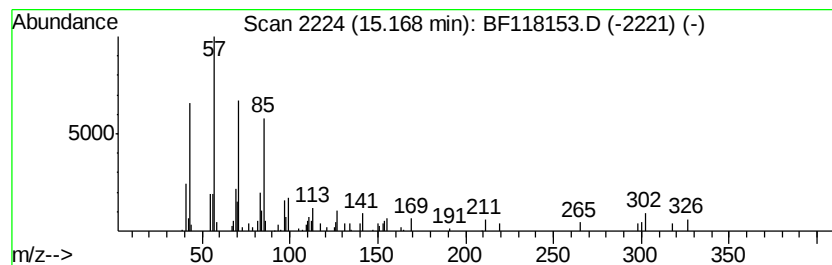
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	2.27 ng	99032	Perylene-d12	15.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	90
2	Heneicosane		296	C21H44	000629-94-7	90
3	2-methyloctacosane		408	C29H60	1000376-72-8	90
4	Hentriacontane		437	C31H64	000630-04-6	87
5	Triacontane		422	C30H62	000638-68-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
Data File : BF118153.D
Acq On : 9 Dec 2019 19:21
Operator : JU
Sample : K6177-10
Misc :
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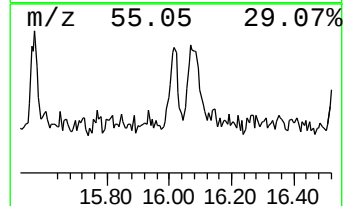
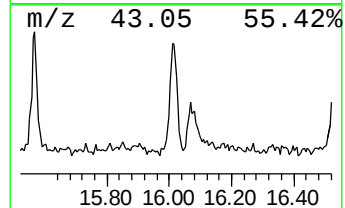
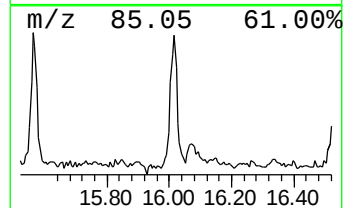
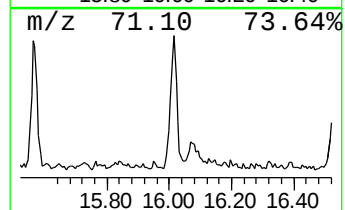
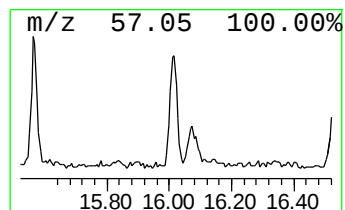
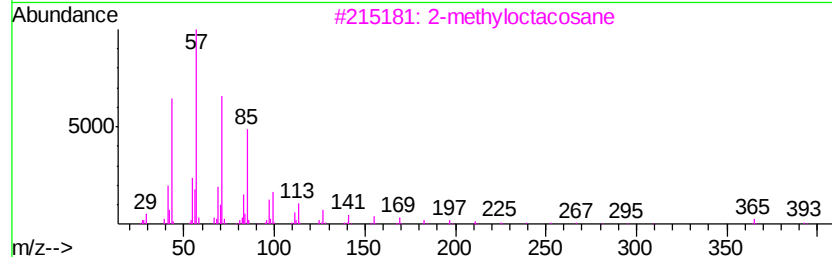
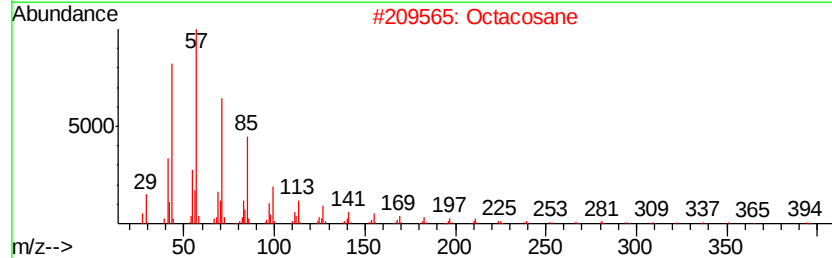
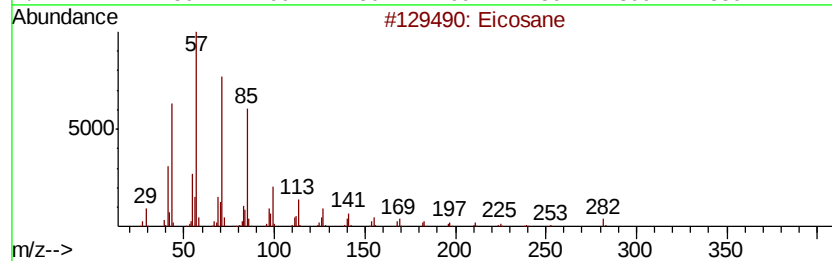
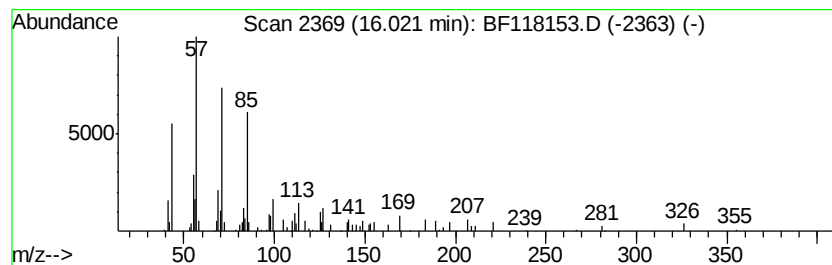
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2-methyloctacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	2.26 ng	98909	Perylene-d12	15.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	90
2	Octacosane	394 C28H58	000630-02-4	87
3	2-methyloctacosane	408 C29H60	1000376-72-8	87
4	Heneicosane	296 C21H44	000629-94-7	87
5	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120919\
Data File : BF118153.D
Acq On : 9 Dec 2019 19:21
Operator : JU
Sample : K6177-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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...	2.13	8.0	ng	249885	1	6.87	628391	20.0
2-Pentanone, 4-hy...	5.08	15.0	ng	472480	1	6.87	628391	20.0
unknown6.64	6.64	85.8	ng	2697320	1	6.87	628391	20.0
Heptadecane	10.82	2.4	ng	96336	4	11.40	819983	20.0
n-Hexadecanoic acid	11.93	6.0	ng	243762	4	11.40	819983	20.0
n-Tetracosanol-1	13.89	9.4	ng	314536	5	14.06	670322	20.0
Eicosane	14.52	3.7	ng	123658	5	14.06	670322	20.0
Octacosane	15.17	2.3	ng	99032	6	15.55	874205	20.0
2-methyloctacosane	16.02	2.3	ng	98909	6	15.55	874205	20.0