

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
 Data File : BF121351.D
 Acq On : 20 Aug 2020 17:14
 Operator : JU/CG
 Sample : L3689-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-4-8FT

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-BF081920.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	4.887	473	476	485	rVB	39816	52777	1.72%	0.212%
2	5.304	542	547	559	rBV	2368255	2451320	79.76%	9.831%
3	6.340	718	723	726	rBV	2498272	2460381	80.05%	9.867%
4	6.528	752	755	766	rBV	60035	67476	2.20%	0.271%
5	6.692	779	783	787	rBV	1108915	867030	28.21%	3.477%
6	7.257	875	879	882	rBV	1703215	1703138	55.41%	6.831%
7	7.975	997	1001	1007	rBV	1404437	1126630	36.66%	4.518%
8	9.051	1180	1184	1187	rBV	3314965	3073427	100.00%	12.326%
9	9.169	1201	1204	1208	rVB	318009	290783	9.46%	1.166%
10	9.445	1248	1251	1255	rBV	320676	241042	7.84%	0.967%
11	9.728	1295	1299	1302	rBV	1494820	1243349	40.45%	4.987%
12	10.239	1382	1386	1389	rBV	49382	38125	1.24%	0.153%
13	10.516	1428	1433	1436	rBV	1887455	1698900	55.28%	6.814%
14	10.633	1449	1453	1460	rVB4	19190	34144	1.11%	0.137%
15	11.210	1547	1551	1553	rBV	1361614	1189325	38.70%	4.770%
16	11.233	1553	1555	1558	rVB	87363	69513	2.26%	0.279%
17	11.745	1638	1642	1645	rBV2	40618	48419	1.58%	0.194%
18	12.386	1747	1751	1753	rBV	431614	366488	11.92%	1.470%
19	12.416	1753	1756	1760	rVB	237801	191860	6.24%	0.769%
20	12.645	1789	1795	1798	rBV	230581	224681	7.31%	0.901%
21	12.798	1816	1821	1824	rVB	2739326	2797816	91.03%	11.221%
22	12.904	1836	1839	1842	rBV	170026	133124	4.33%	0.534%
23	13.027	1858	1860	1865	rVB2	28480	31849	1.04%	0.128%
24	13.074	1865	1868	1871	rBV3	31736	35965	1.17%	0.144%
25	13.268	1898	1901	1910	rVB6	22261	36301	1.18%	0.146%
26	13.339	1910	1913	1915	rBV	34128	35800	1.16%	0.144%
27	13.368	1915	1918	1921	rVB	38453	40337	1.31%	0.162%
28	13.480	1934	1937	1942	rBV	38999	38588	1.26%	0.155%
29	13.692	1970	1973	1982	rBV	488751	668911	21.76%	2.683%
30	13.845	1994	1999	2002	rBV	1164158	1152796	37.51%	4.623%
31	13.868	2002	2003	2006	rVB	107868	58479	1.90%	0.235%
32	13.945	2014	2016	2019	rVB2	41347	35625	1.16%	0.143%
33	14.015	2025	2028	2037	rBV2	91158	108864	3.54%	0.437%
34	14.321	2077	2080	2087	rVB3	135009	172471	5.61%	0.692%

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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-BF081920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.615	2127	2130	2133	rBV	155085	131503	4.28%	0.527%
36	14.857	2167	2171	2174	rBV	139950	211737	6.89%	0.849%
37	14.927	2180	2183	2186	rBV	159739	176235	5.73%	0.707%
38	15.139	2216	2219	2225	rVB	75026	89622	2.92%	0.359%
39	15.192	2225	2228	2233	rVB	110475	125843	4.09%	0.505%
40	15.257	2234	2239	2242	rBV	891856	1098226	35.73%	4.404%
41	15.680	2308	2311	2316	rVB	105468	139919	4.55%	0.561%
42	15.733	2317	2320	2332	rVB3	75381	175372	5.71%	0.703%

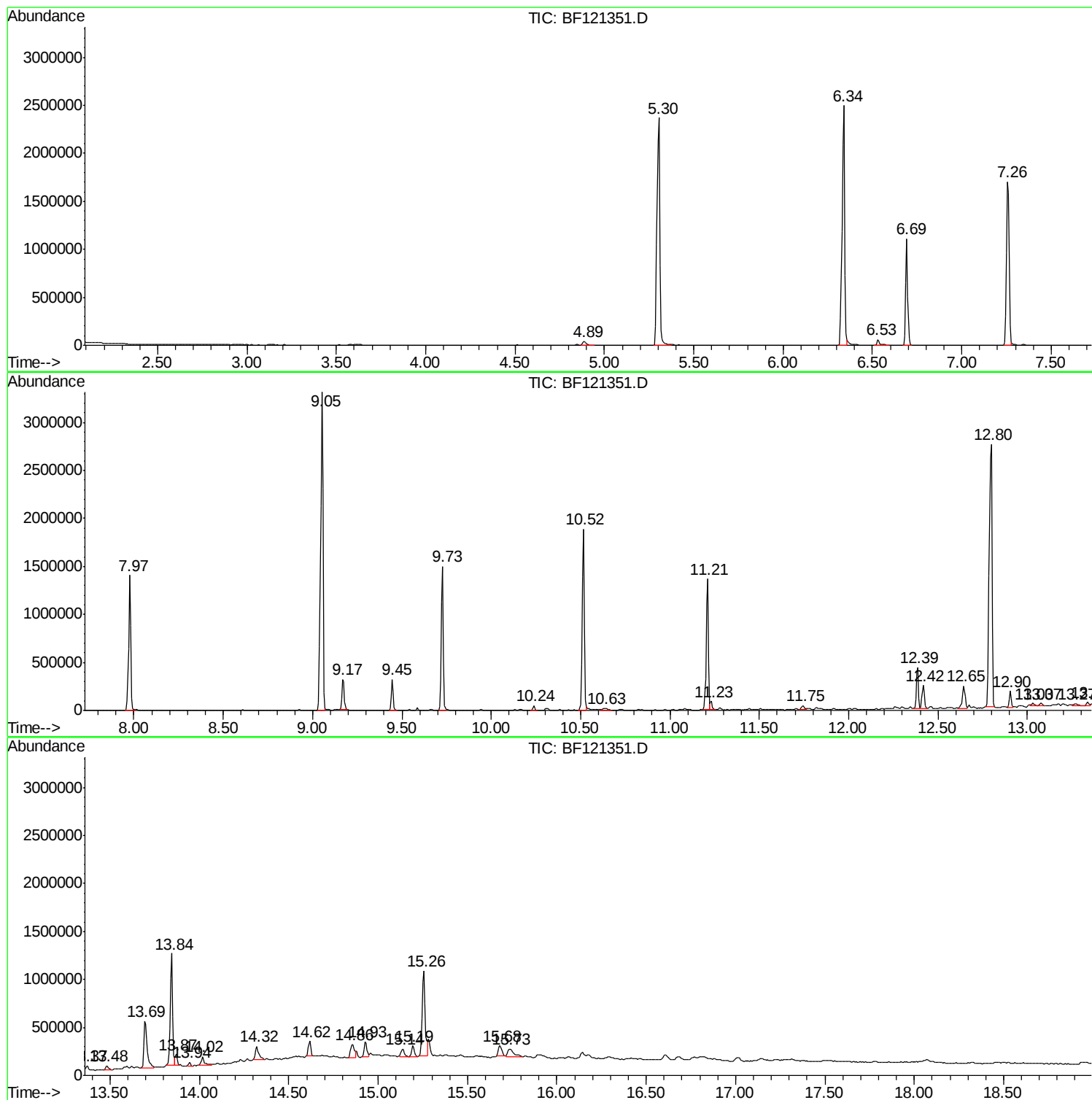
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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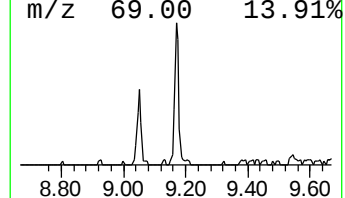
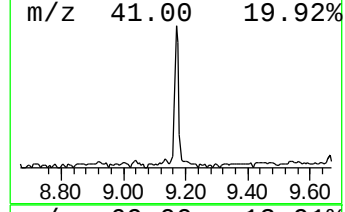
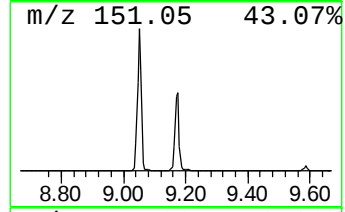
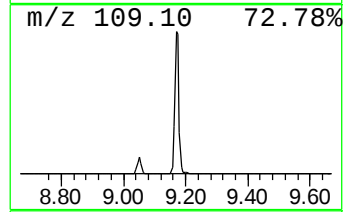
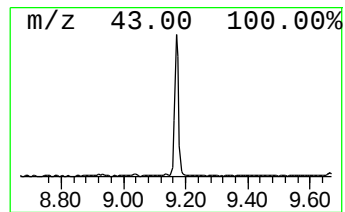
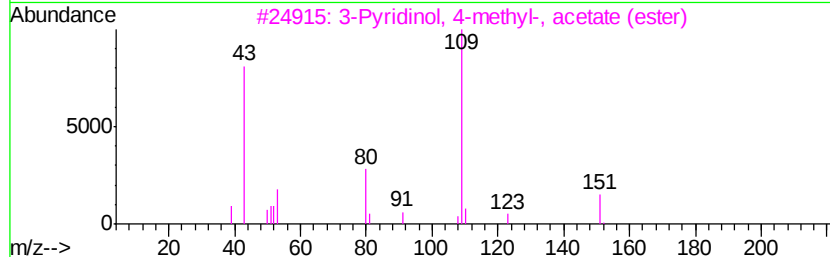
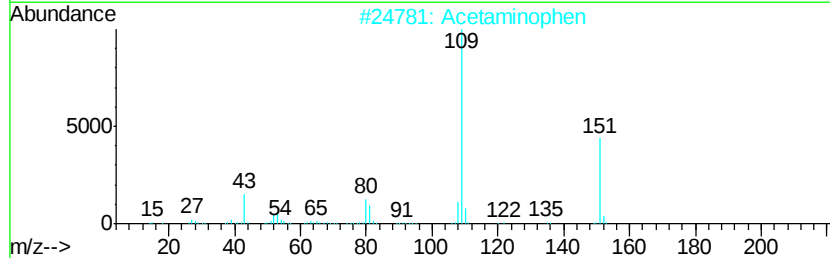
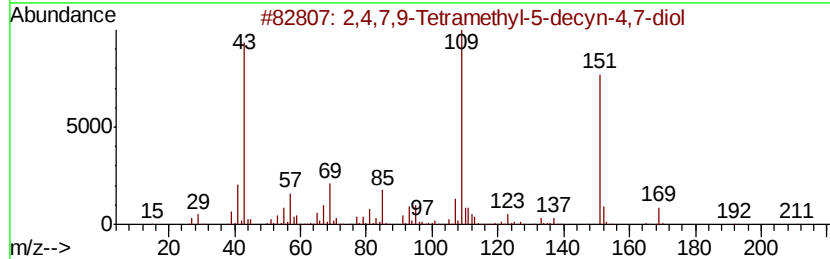
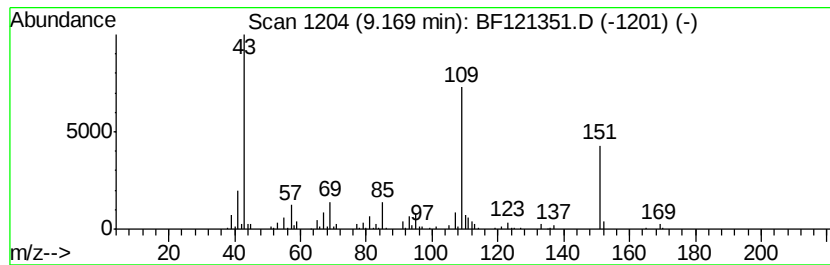
Instrument :
BNA_F
ClientSampleId :
TP-1-4-8FT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.17	4.68 ng	290783	Acenaphthene-d10	9.73	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	Acetaminophen	151	C8H9NO2	000103-90-2	53
3	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53
4	m-Isopropoxyvaniline	151	C9H13NO	041406-00-2	53
5	(-)-10-Camphorsulfonyl chloride	250	C10H15ClO3S	039262-22-1	50



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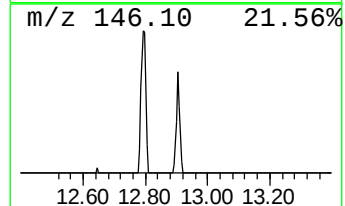
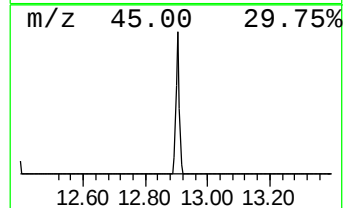
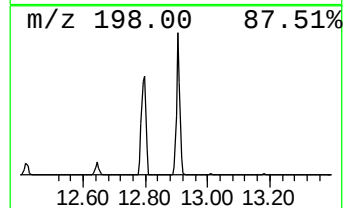
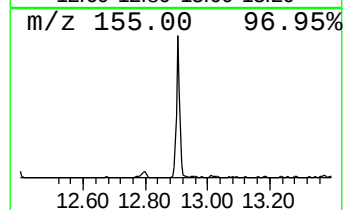
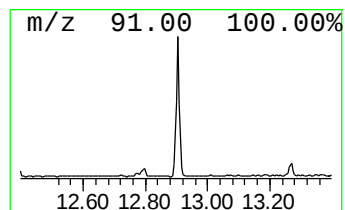
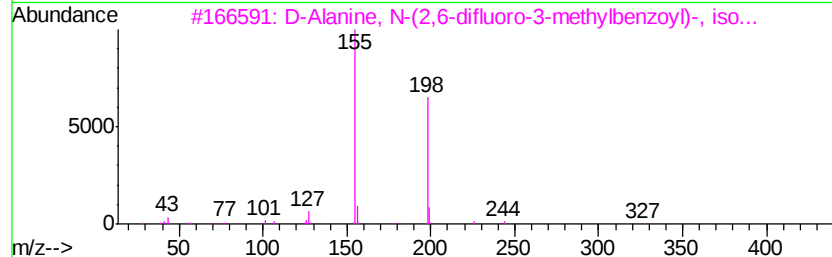
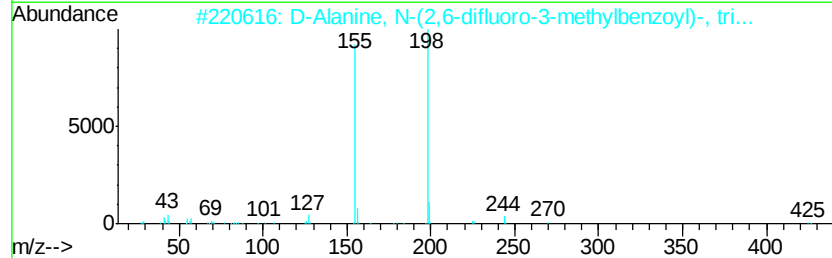
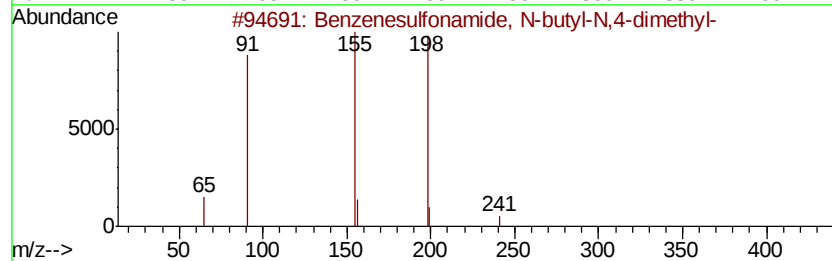
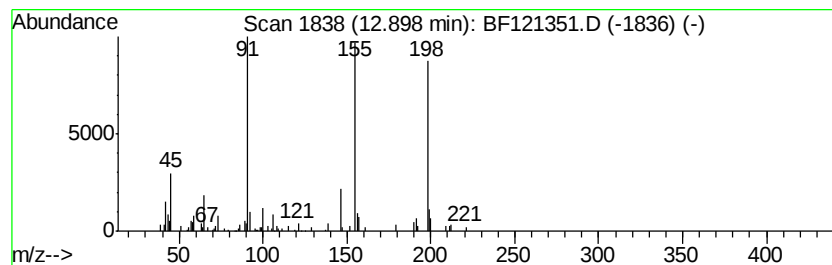
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzenesulfonamide, N-butyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	2.31 ng	133124	Chrysene-d12	13.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenesulfonamide, N-butyl-N,4-...	241	C12H19NO2S	010285-91-3	72
2		D-Alanine, N-(2,6-difluoro-3-met...	425	C24H37F2NO3	1000348-39-4	53
3		D-Alanine, N-(2,6-difluoro-3-met...	327	C17H23F2NO3	1000348-38-8	53
4		D-Alanine, N-(2,6-difluoro-3-met...	439	C25H39F2NO3	1000348-39-5	53
5		D-Alanine, N-(2,6-difluoro-3-met...	397	C22H33F2NO3	1000348-39-2	53



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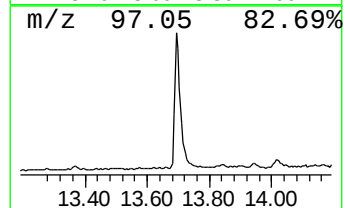
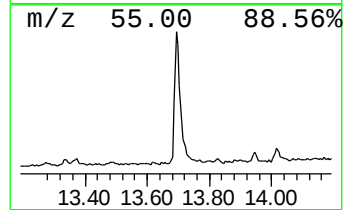
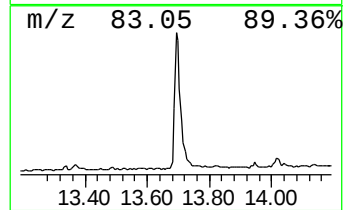
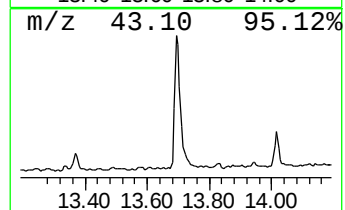
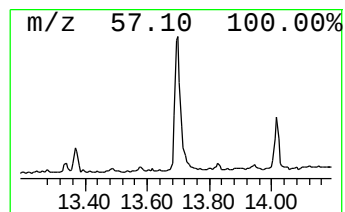
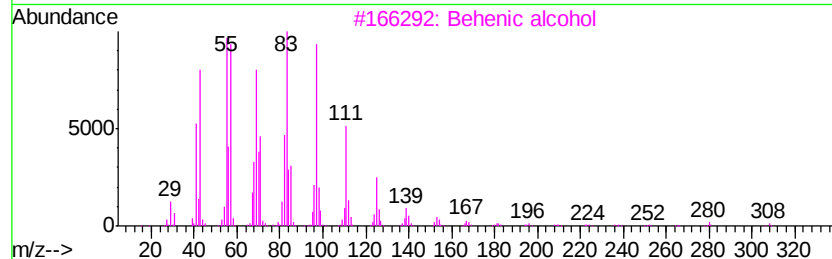
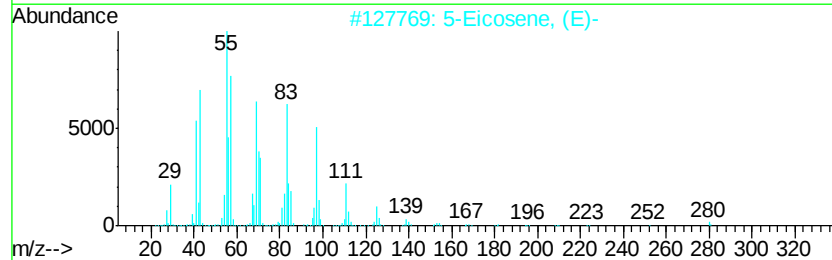
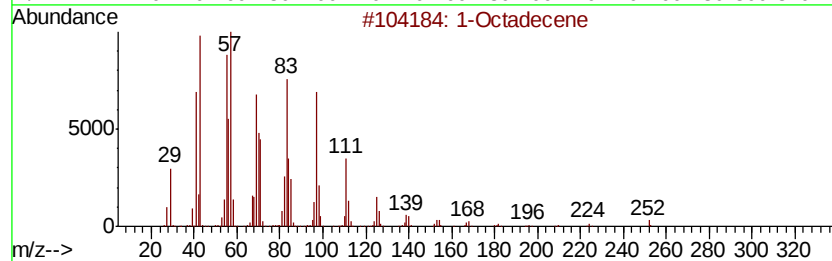
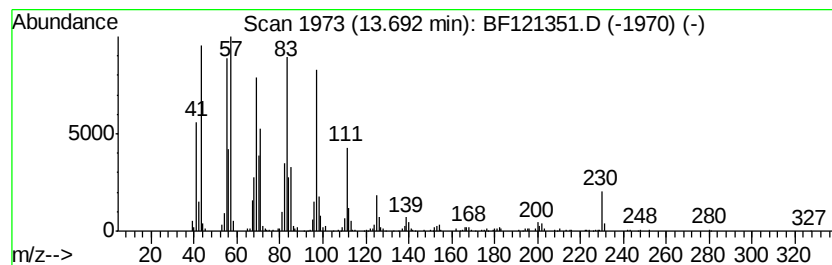
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Octadecene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.		
13.69	11.61 ng	668911	Chrysene-d12		13.84		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octadecene	252	C18H36	000112-88-9	98
2			5-Eicosene, (E)-	280	C20H40	074685-30-6	97
3			Behenic alcohol	326	C22H46O	000661-19-8	94
4			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5			1-Heneicosanol	312	C21H44O	015594-90-8	93



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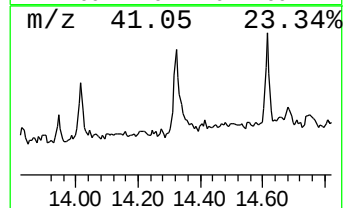
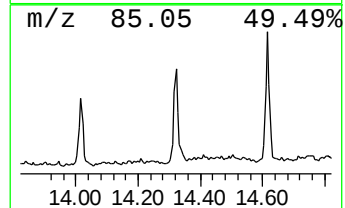
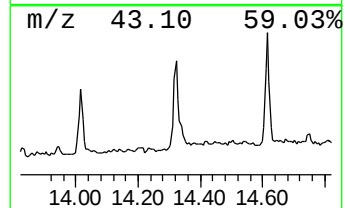
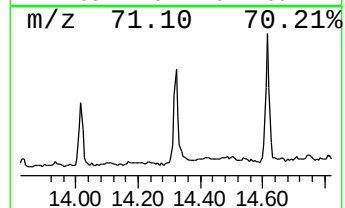
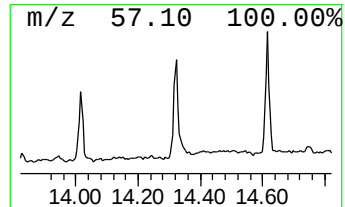
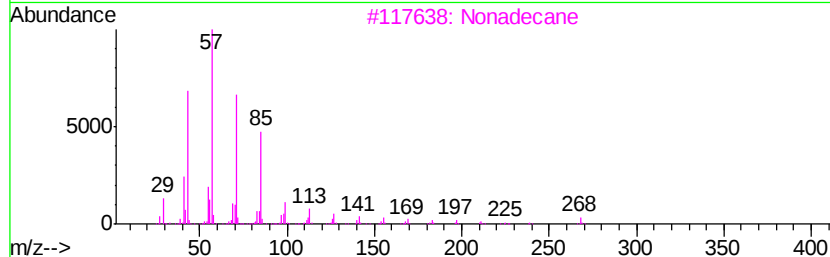
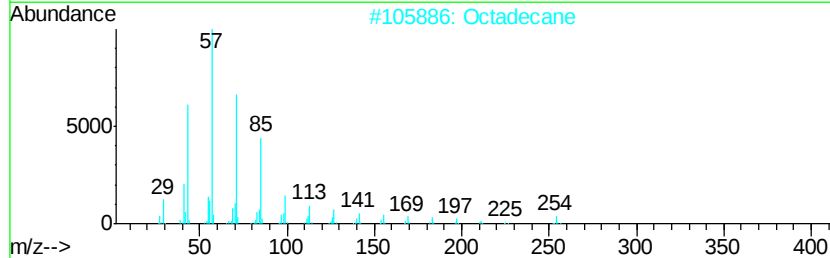
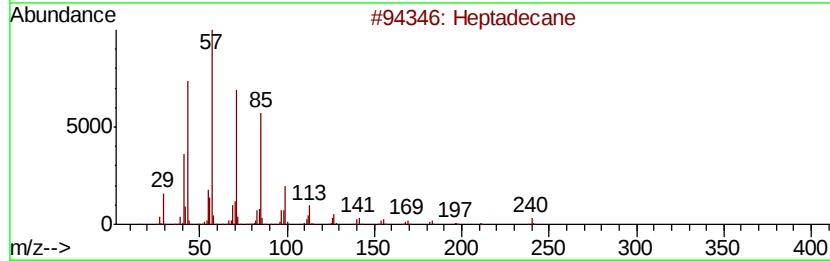
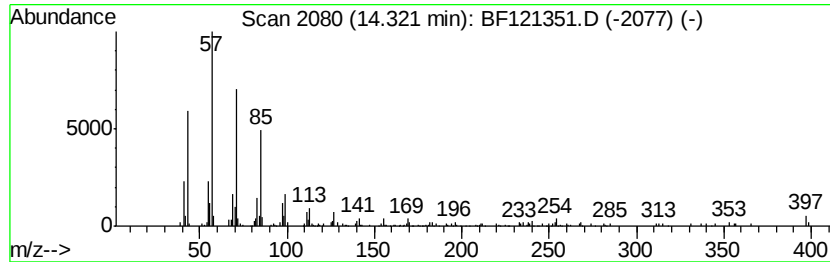
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 4 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	2.99 ng	172471	Chrysene-d12	13.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	95
2	Octadecane		254	C18H38	000593-45-3	95
3	Nonadecane		268	C19H40	000629-92-5	93
4	Heneicosane		296	C21H44	000629-94-7	90
5	Hexacosane		366	C26H54	000630-01-3	90



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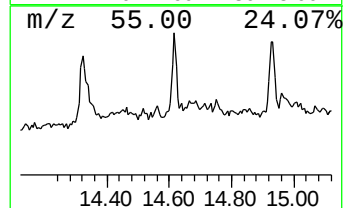
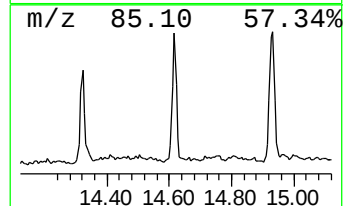
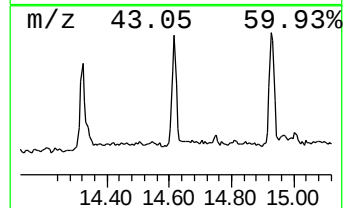
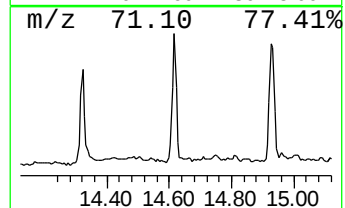
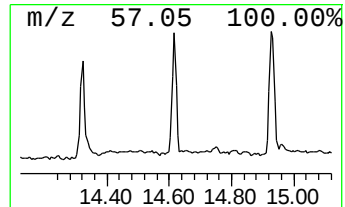
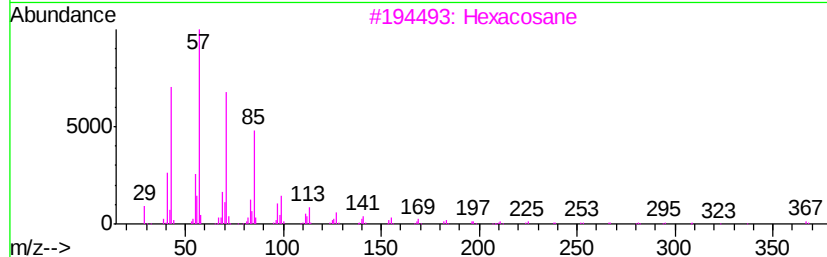
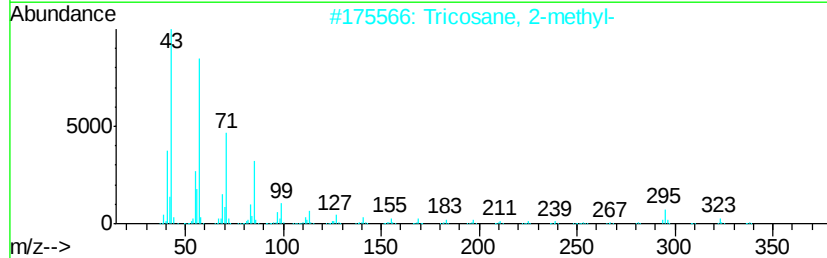
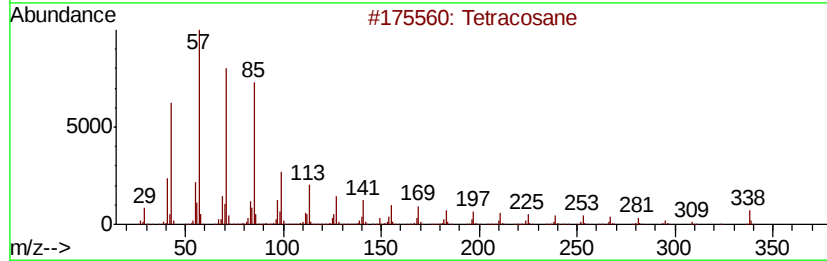
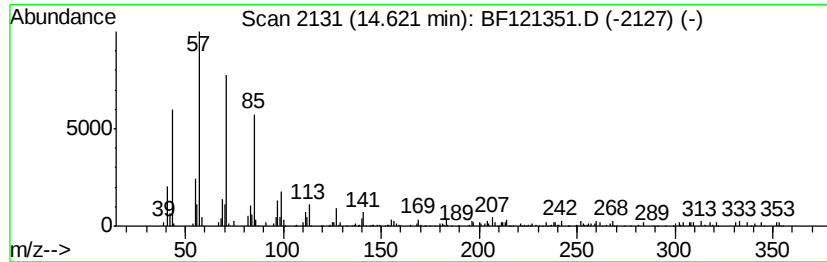
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	2.39 ng	131503	Perylene-d12	15.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	91
2		Tricosane, 2-methyl-	338	C24H50	001928-30-9	91
3		Hexacosane	366	C26H54	000630-01-3	90
4		Octadecane	254	C18H38	000593-45-3	83
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
Data File : BF121351.D
Acq On : 20 Aug 2020 17:14
Operator : JU/CG
Sample : L3689-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1-4-8FT

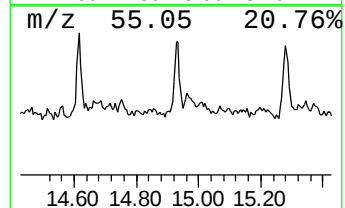
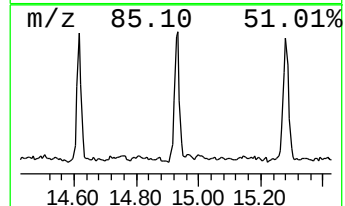
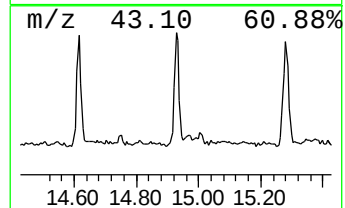
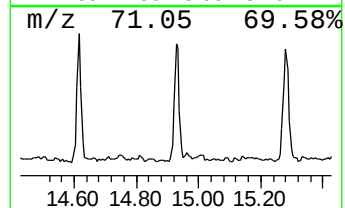
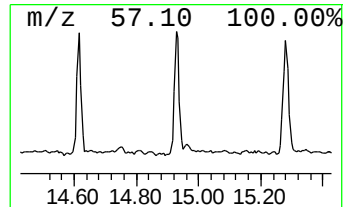
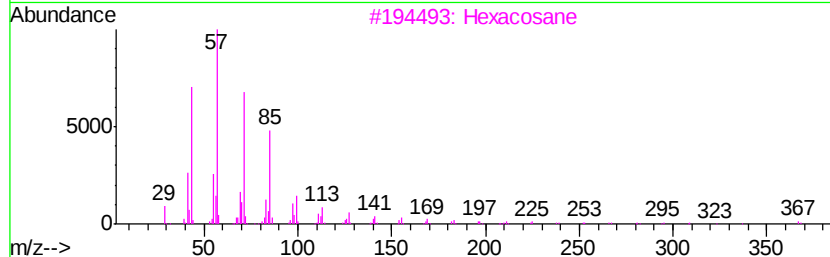
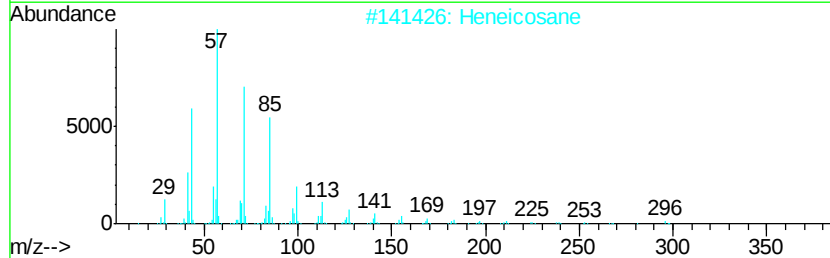
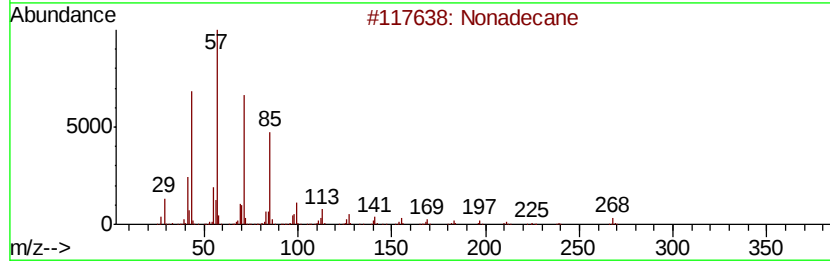
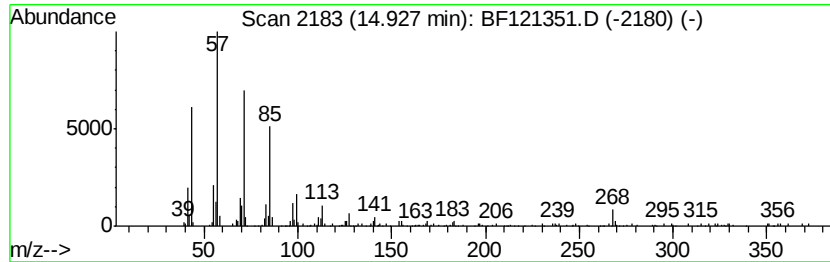
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	3.21 ng	176235	Perylene-d12	15.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	93
2	Heneicosane		296	C21H44	000629-94-7	90
3	Hexacosane		366	C26H54	000630-01-3	90
4	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	87
5	Eicosane, 7-hexyl-		366	C26H54	055333-99-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
Data File : BF121351.D
Acq On : 20 Aug 2020 17:14
Operator : JU/CG
Sample : L3689-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1-4-8FT

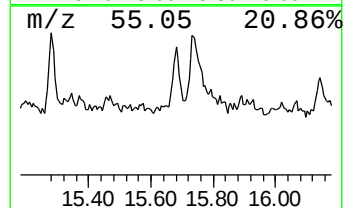
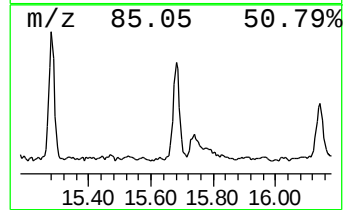
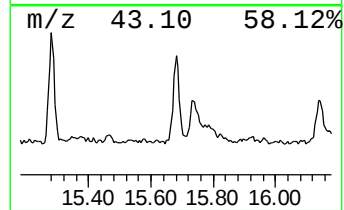
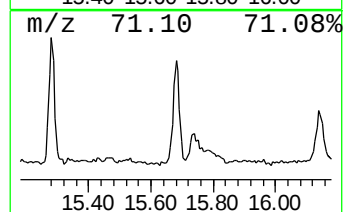
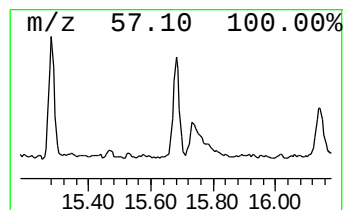
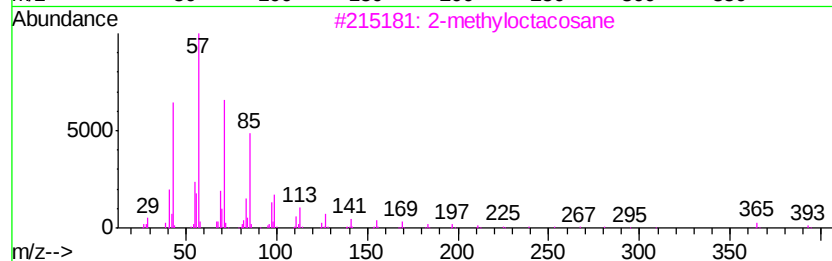
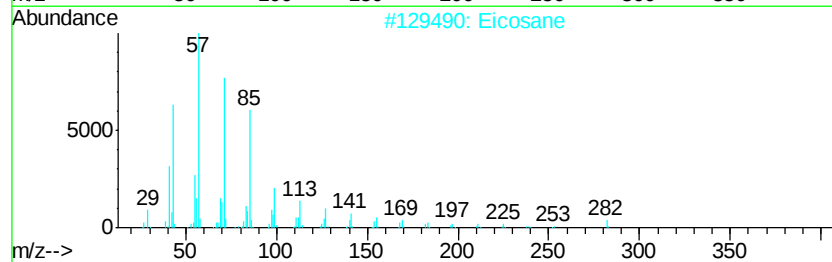
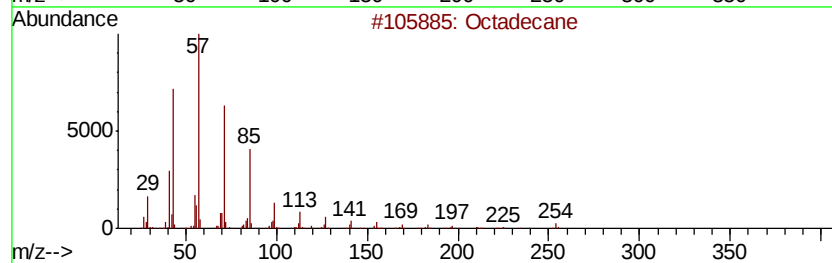
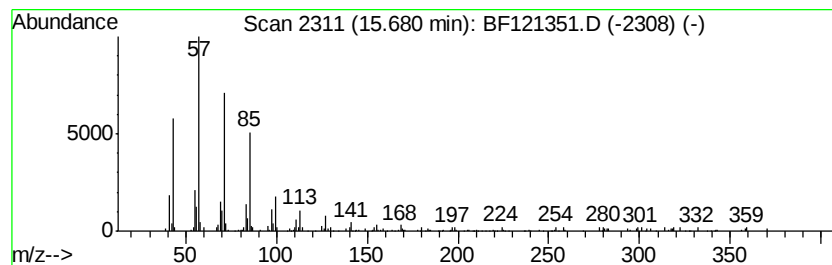
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	2.55 ng	139919	Perylene-d12	15.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	93
2	Eicosane		282	C20H42	000112-95-8	93
3	2-methyloctacosane		408	C29H60	1000376-72-8	87
4	Octacosane		394	C28H58	000630-02-4	87
5	Tetratetracontane		619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
Data File : BF121351.D
Acq On : 20 Aug 2020 17:14
Operator : JU/CG
Sample : L3689-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1-4-8FT

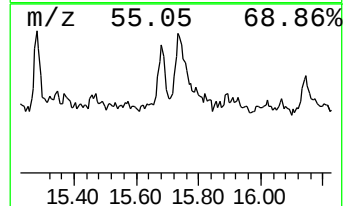
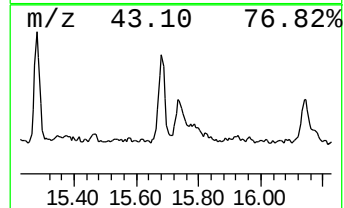
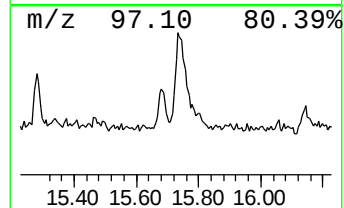
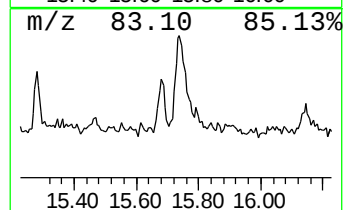
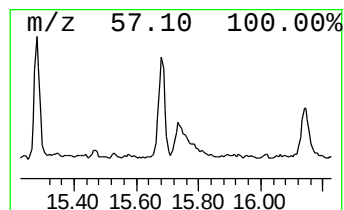
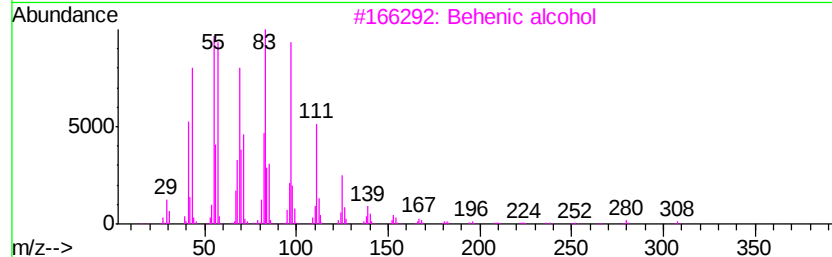
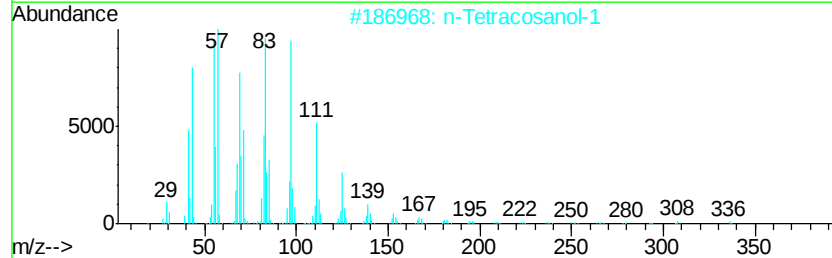
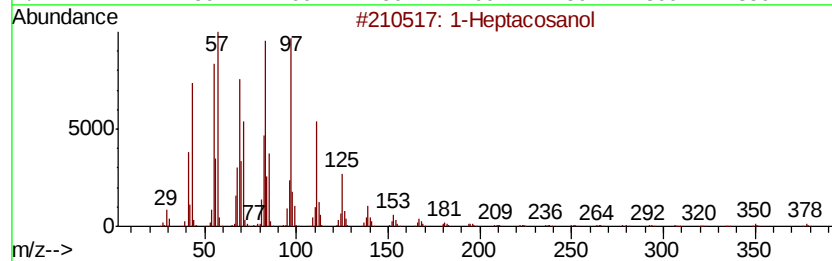
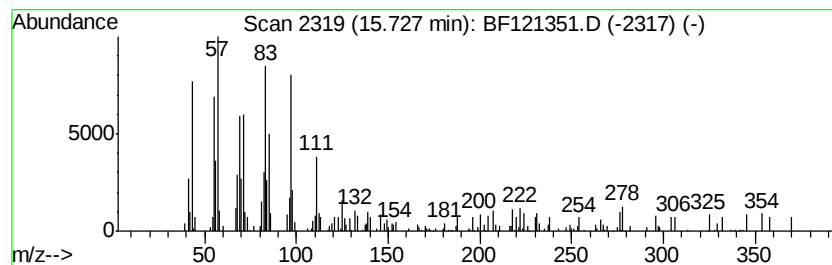
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Heptacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	3.19 ng	175372	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptacosanol	396	C27H56O	002004-39-9	91
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3		Behenic alcohol	326	C22H46O	000661-19-8	91
4		Heptacosyl acetate	438	C29H58O2	1000351-78-2	90
5		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082020\
Data File : BF121351.D
Acq On : 20 Aug 2020 17:14
Operator : JU/CG
Sample : L3689-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1-4-8FT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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
2,4,7,9-Tetrameth...	9.17	4.7	ng	290783	3	9.73	1243350	20.0
Benzenesulfonamid...	12.90	2.3	ng	133124	5	13.84	1152800	20.0
1-Octadecene	13.69	11.6	ng	668911	5	13.84	1152800	20.0
Heptadecane	14.32	3.0	ng	172471	5	13.84	1152800	20.0
Tetracosane	14.62	2.4	ng	131503	6	15.26	1098230	20.0
Nonadecane	14.93	3.2	ng	176235	6	15.26	1098230	20.0
Octadecane	15.68	2.5	ng	139919	6	15.26	1098230	20.0
1-Heptacosanol	15.73	3.2	ng	175372	6	15.26	1098230	20.0