

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051420\
 Data File : BF120299.D
 Acq On : 14 May 2020 19:10
 Operator : MA/SJ
 Sample : L2605-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 239997

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-BF051420.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	4.116	341	345	350	rBV	67267	112603	1.46%	0.145%
2	4.804	459	462	475	rBV	107189	171412	2.23%	0.221%
3	5.228	531	534	560	rBV	5454622	6398225	83.16%	8.251%
4	6.281	708	713	739	rBV	4833062	6677025	86.78%	8.610%
5	6.622	767	771	782	rBV	1617398	1939483	25.21%	2.501%
6	6.775	793	797	824	rVB	4910055	5346534	69.49%	6.895%
7	7.192	863	868	890	rBV	3577537	4270434	55.50%	5.507%
8	7.904	985	989	1013	rBV	2742751	3124244	40.61%	4.029%
9	8.986	1167	1173	1176	rBV	8024612	7201129	93.60%	9.286%
10	9.381	1237	1240	1247	rVB	1009390	843198	10.96%	1.087%
11	9.657	1281	1287	1291	rBV	2917408	2768190	35.98%	3.570%
12	10.451	1417	1422	1440	rBV	4595555	4981852	64.75%	6.424%
13	11.139	1535	1539	1542	rBV	3209820	3376440	43.88%	4.354%
14	11.163	1542	1543	1550	rVV	948589	823801	10.71%	1.062%
15	11.216	1550	1552	1556	rVB	135229	147571	1.92%	0.190%
16	11.380	1574	1580	1588	rBV3	64080	133236	1.73%	0.172%
17	11.645	1621	1625	1627	rBV	147974	152843	1.99%	0.197%
18	11.686	1627	1632	1635	rBV2	1051036	1183561	15.38%	1.526%
19	11.751	1640	1643	1646	rVV	253184	338199	4.40%	0.436%
20	11.775	1646	1647	1654	rVB	142804	129803	1.69%	0.167%
21	11.939	1672	1675	1678	rBV	92240	90334	1.17%	0.116%
22	12.192	1714	1718	1721	rBV	135675	146673	1.91%	0.189%
23	12.280	1730	1733	1738	rVB	95946	108604	1.41%	0.140%
24	12.351	1741	1745	1751	rBV	1232054	1236821	16.08%	1.595%
25	12.469	1763	1765	1775	rBV2	462397	716726	9.32%	0.924%
26	12.580	1778	1784	1788	rVV	1038804	1251913	16.27%	1.614%
27	12.633	1791	1793	1798	rVB2	79864	107075	1.39%	0.138%
28	12.733	1805	1810	1818	rVV	7233238	7693918	100.00%	9.922%
29	12.804	1818	1822	1826	rVB2	94748	133701	1.74%	0.172%
30	12.886	1833	1836	1838	rBV3	79847	91034	1.18%	0.117%
31	12.910	1838	1840	1844	rVB2	137996	133294	1.73%	0.172%
32	12.974	1846	1851	1854	rBV2	113704	141119	1.83%	0.182%
33	13.016	1854	1858	1865	rVB2	153845	207277	2.69%	0.267%
34	13.310	1905	1908	1911	rBV	113521	95459	1.24%	0.123%

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 Sampling : 1
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 Min Area: 3 % of largest Peak
 Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.421	1924	1927	1931	rBV	113030	117633	1.53%	0.152%
36	13.527	1940	1945	1948	rBV	114707	165497	2.15%	0.213%
37	13.639	1960	1964	1979	rVB2	771477	1298847	16.88%	1.675%
38	13.780	1980	1988	1991	rBV2	2639421	3256147	42.32%	4.199%
39	13.804	1991	1992	2000	rVB	521590	400435	5.20%	0.516%
40	13.957	2014	2018	2021	rBV	420970	384447	5.00%	0.496%
41	14.168	2051	2054	2057	rVB	99375	104753	1.36%	0.135%
42	14.257	2066	2069	2072	rBV	622572	651317	8.47%	0.840%
43	14.286	2072	2074	2081	rVB3	134403	198362	2.58%	0.256%
44	14.551	2116	2119	2123	rBV	766770	759724	9.87%	0.980%
45	14.786	2155	2159	2167	rVB	422552	791218	10.28%	1.020%
46	14.857	2167	2171	2175	rBV	896625	1020900	13.27%	1.317%
47	15.057	2201	2205	2211	rVB	224229	320925	4.17%	0.414%
48	15.115	2211	2215	2220	rVB	325150	388694	5.05%	0.501%
49	15.174	2220	2225	2228	rBV	1831786	2339944	30.41%	3.017%
50	15.204	2228	2230	2238	rVB	766146	840092	10.92%	1.083%
51	15.592	2291	2296	2303	rBV	599828	803840	10.45%	1.037%
52	15.657	2303	2307	2309	rBV4	60747	100467	1.31%	0.130%
53	16.039	2367	2372	2382	rBV2	264525	448353	5.83%	0.578%
54	16.298	2413	2416	2424	rBV5	52568	106855	1.39%	0.138%
55	16.498	2445	2450	2455	rBV2	152211	284250	3.69%	0.367%
56	16.562	2457	2461	2467	rVB2	137773	254515	3.31%	0.328%
57	16.892	2512	2517	2527	rVB2	114635	234866	3.05%	0.303%

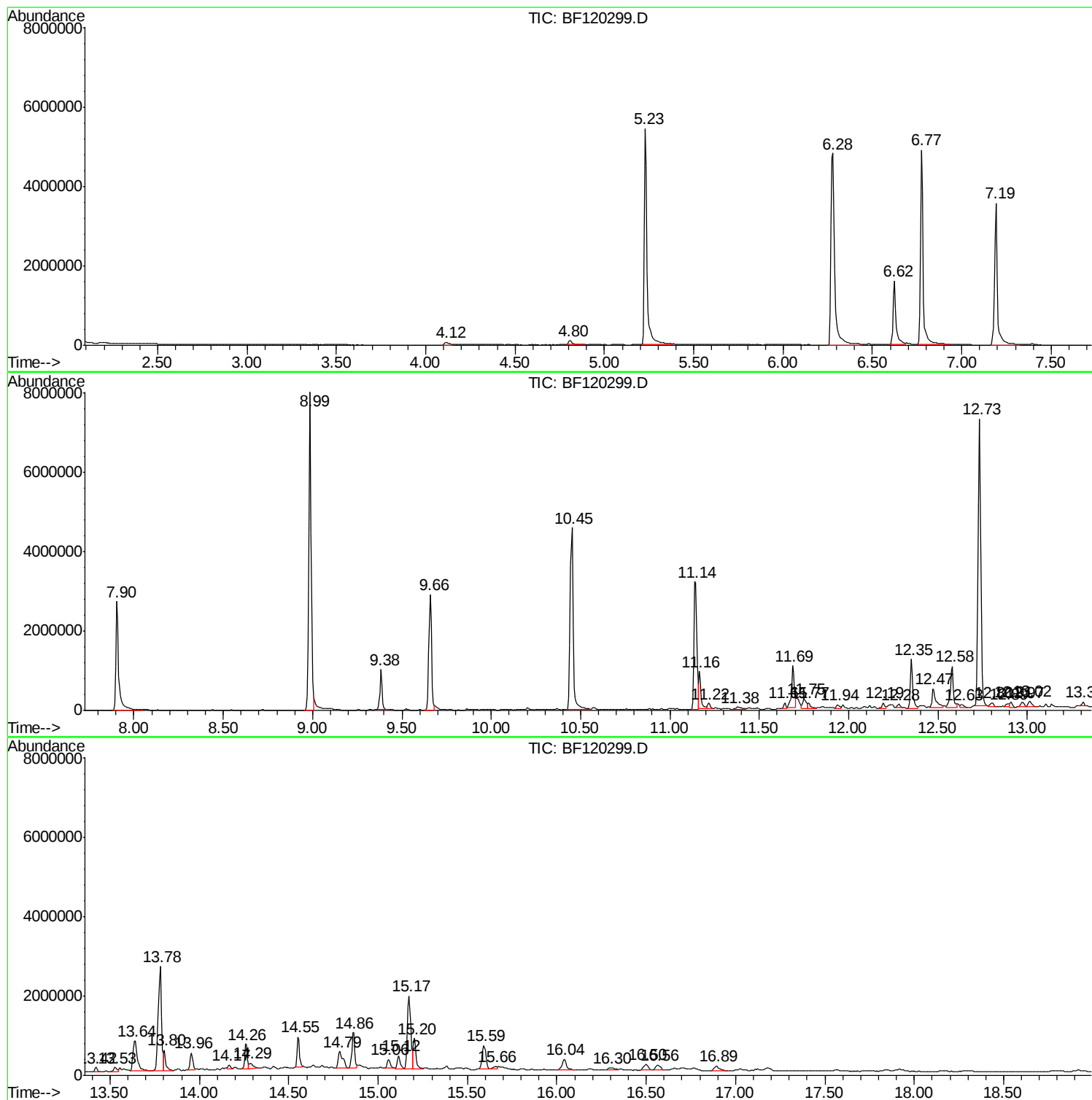
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : L2605-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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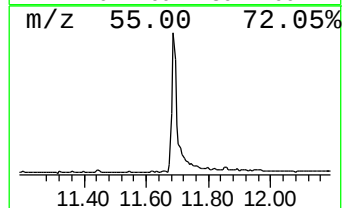
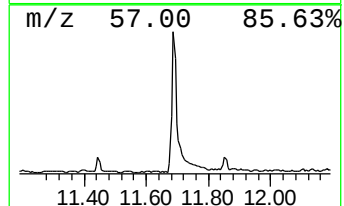
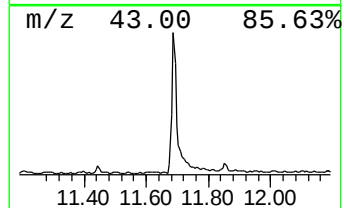
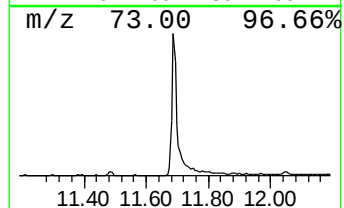
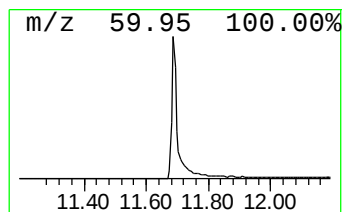
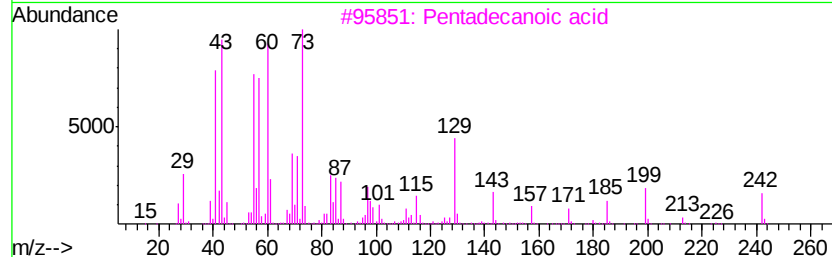
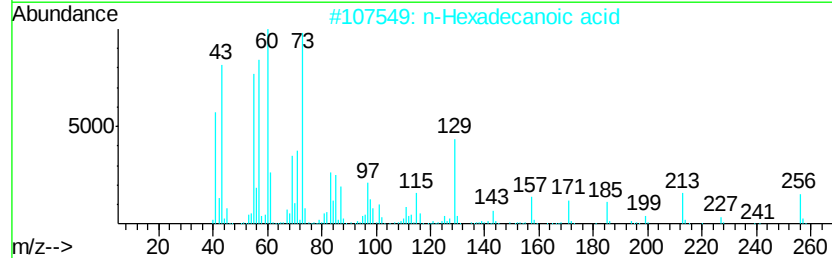
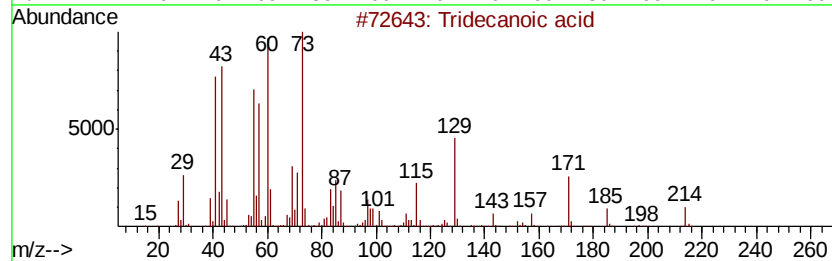
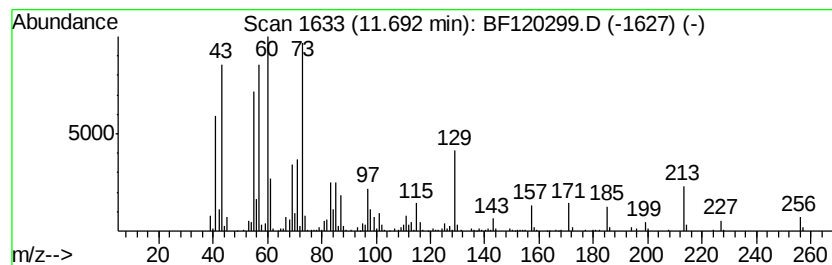
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	7.01 ng	1183560	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Dodecanoic acid	200	C12H24O2	000143-07-7	81
5	Undecanoic acid	186	C11H22O2	000112-37-8	72



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Misc :
ALS Vial : 14 Sample Multiplier: 1

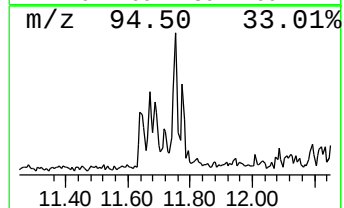
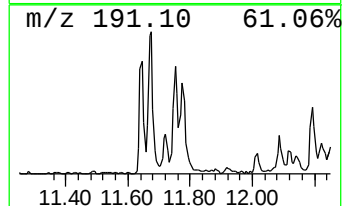
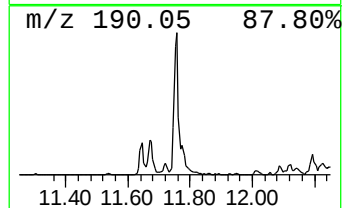
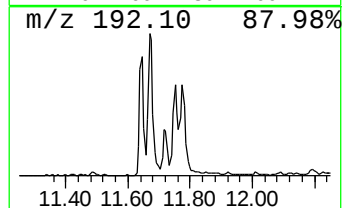
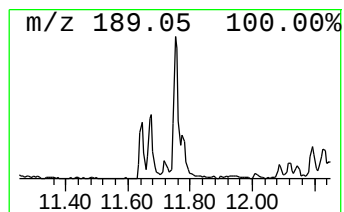
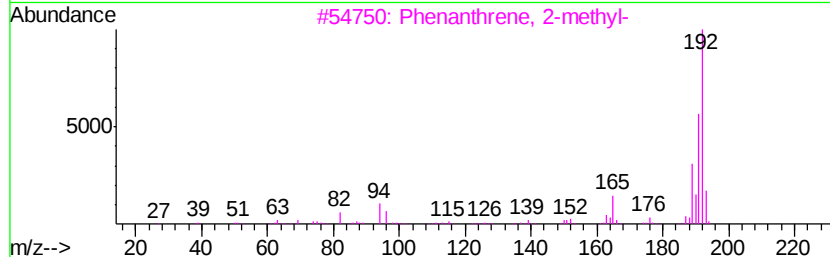
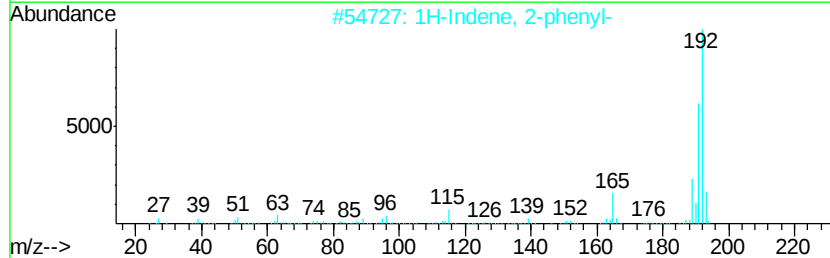
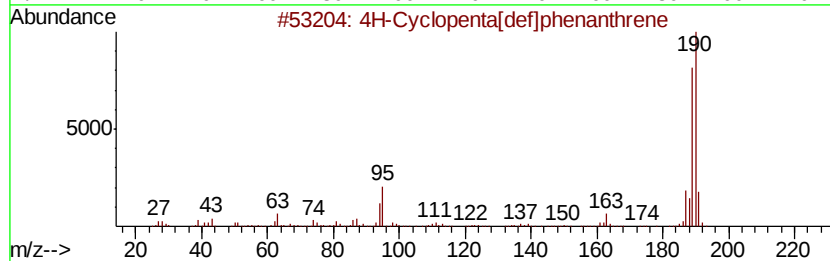
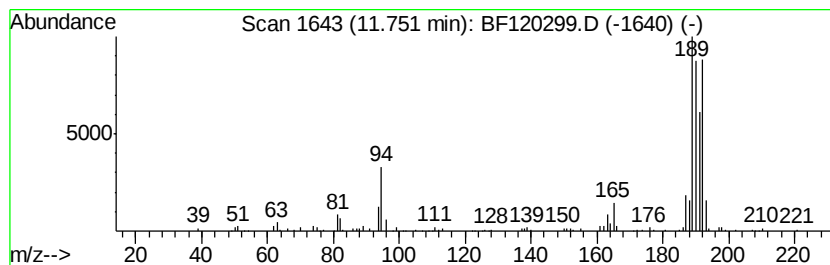
Instrument :
BNA_F
ClientSampleId :
239997

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown11.75 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.75	2.00 ng	338199	Phenanthrene-d10	11.15	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cvclopenta[def]phenanthrene	190	C15H10	000203-64-5	45
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	41
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	38



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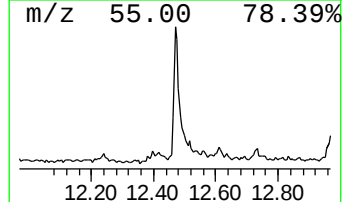
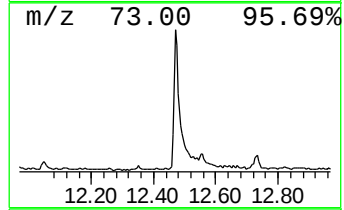
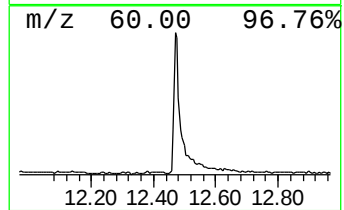
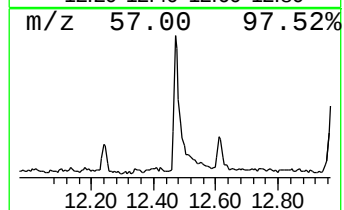
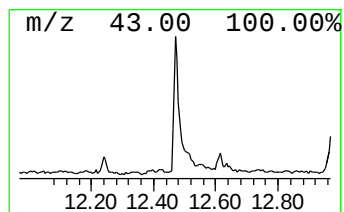
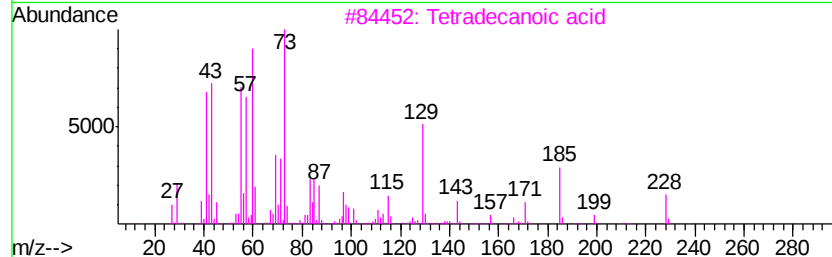
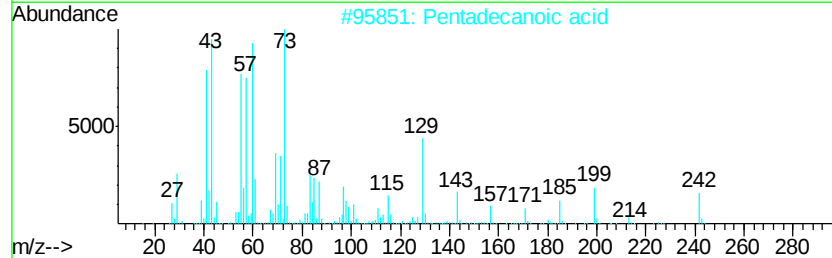
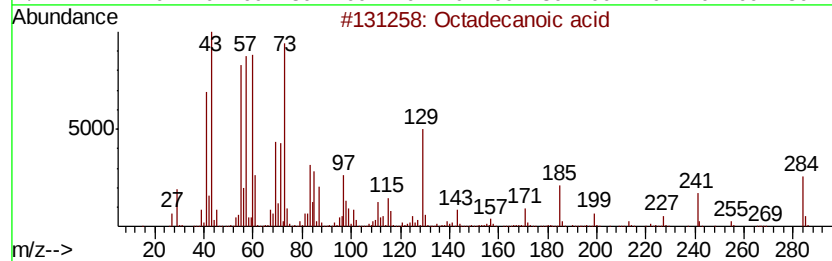
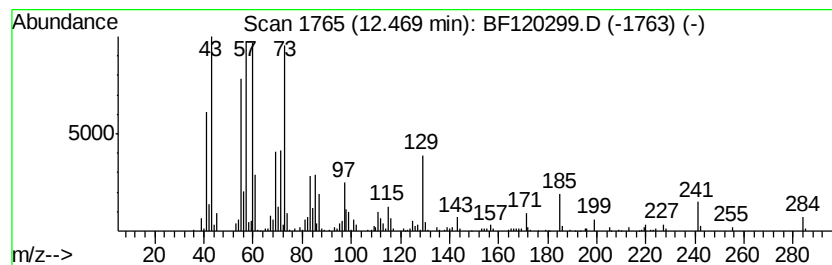
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	4.40 ng	716726	Chrysene-d12	13.78

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5		n-Decanoic acid	172	C10H20O2	000334-48-5	76



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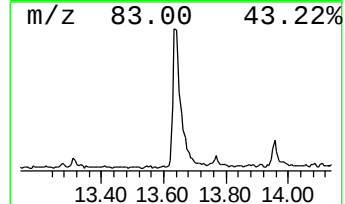
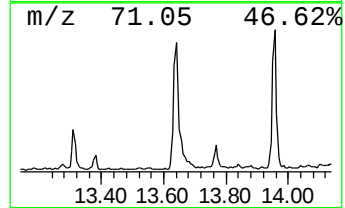
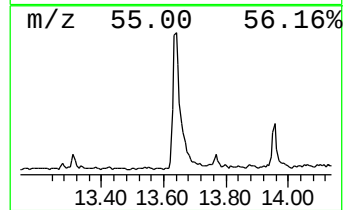
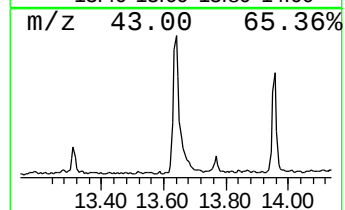
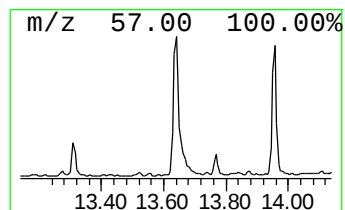
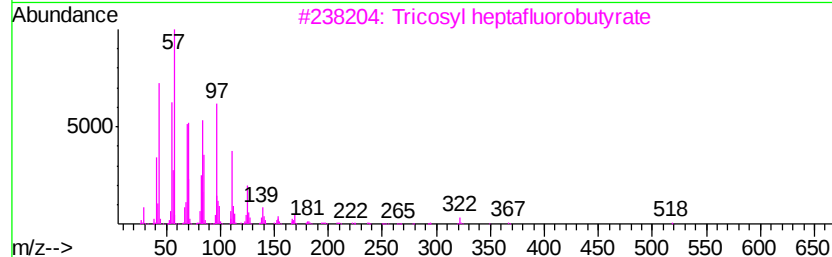
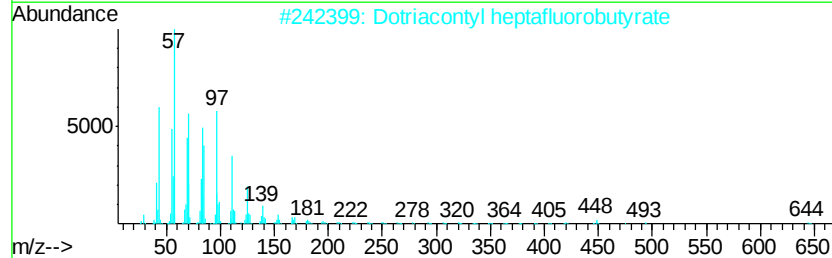
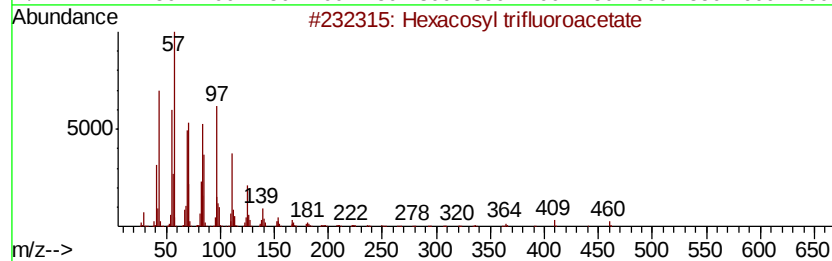
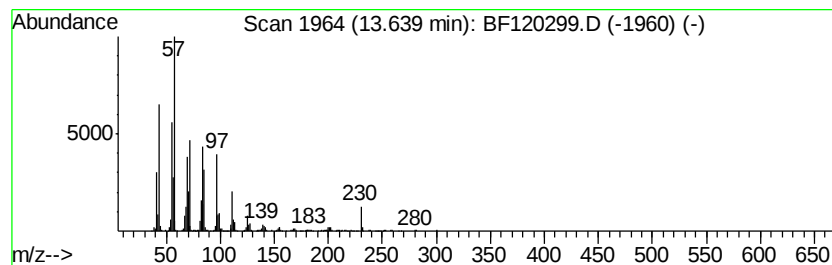
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexacosyl trifluoroacetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	7.98 ng	1298850	Chrysene-d12	13.78

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosyl	trifluoroacetate	478	C28H53F3O2	1000351-75-0	91
2	Dotriacontyl	heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	91
3	Tricosyl	heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	91
4	Octacosyl	trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
5	Tetracosyl	heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	91



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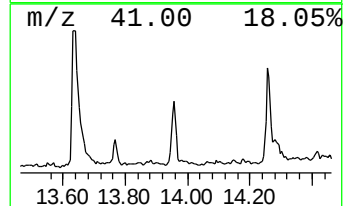
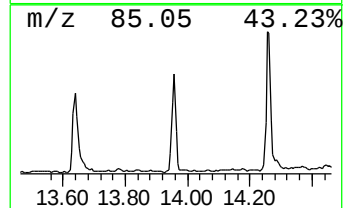
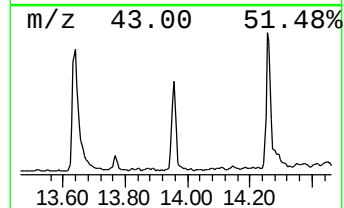
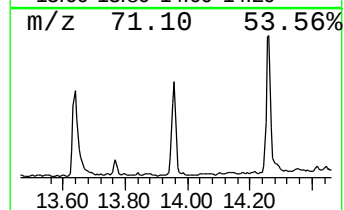
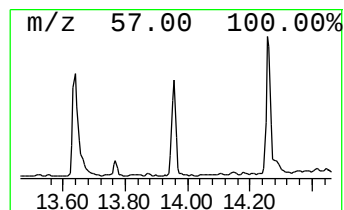
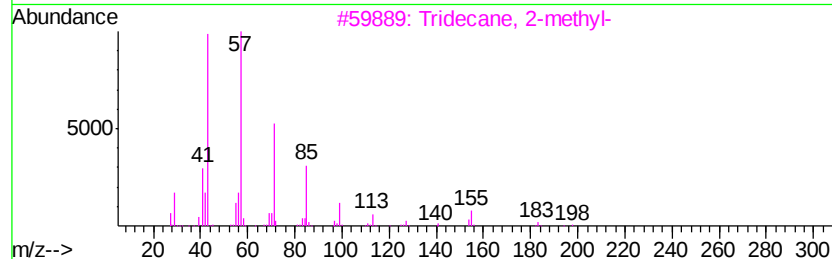
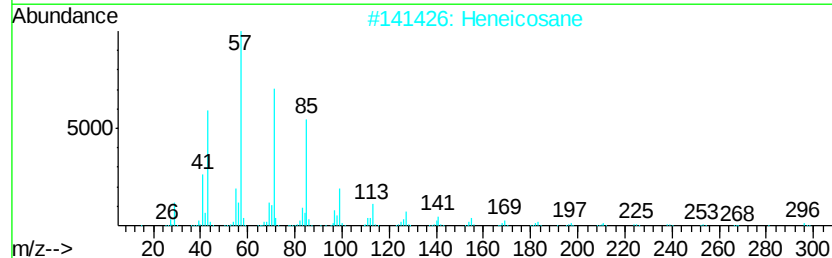
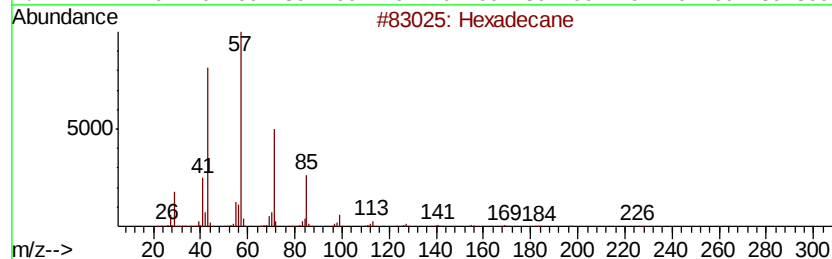
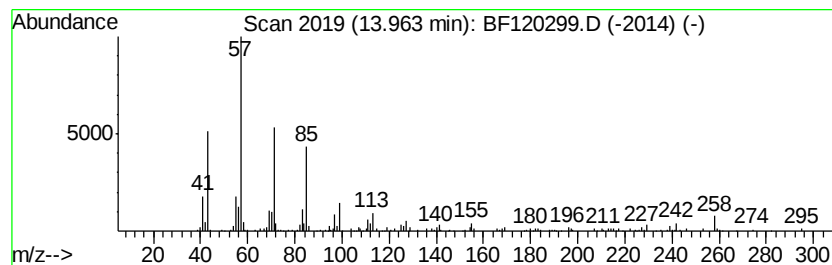
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	2.36 ng	384447	Chrysene-d12	13.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
4		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120299.D
Acq On : 14 May 2020 19:10
Operator : MA/SJ
Sample : L2605-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

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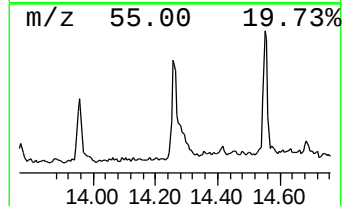
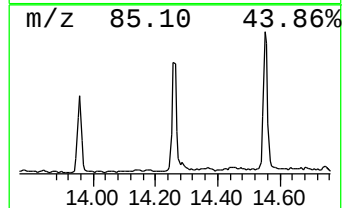
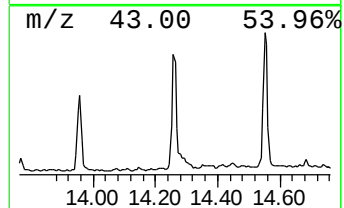
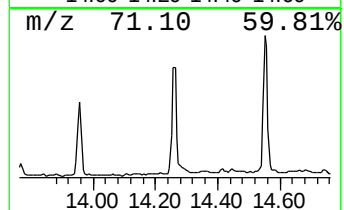
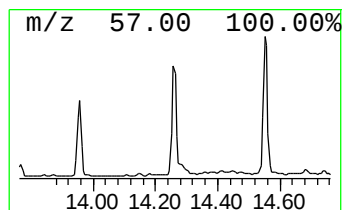
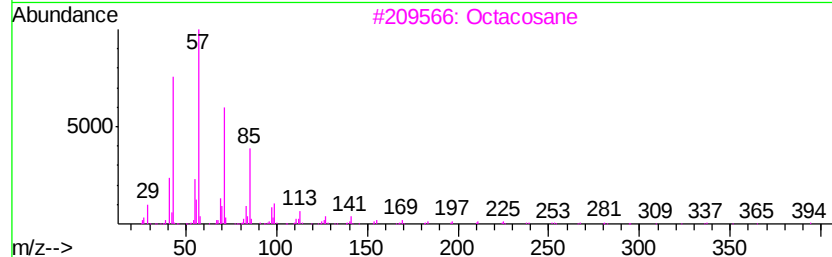
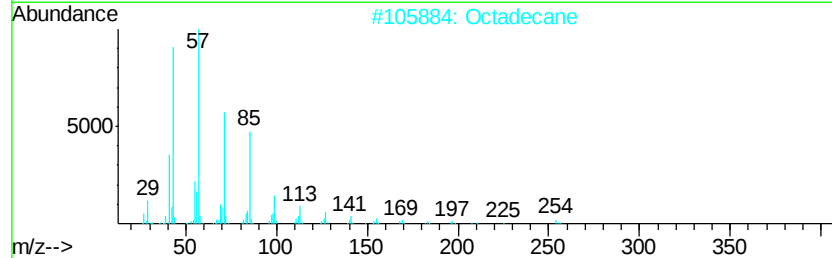
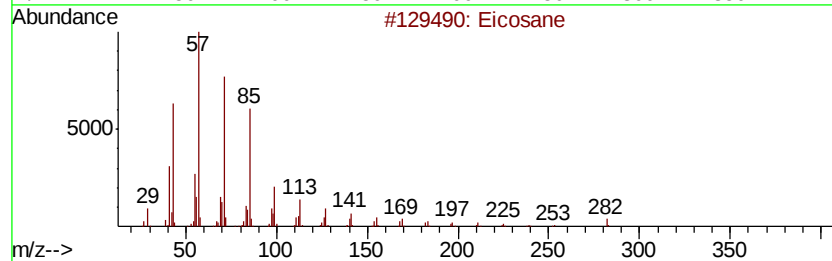
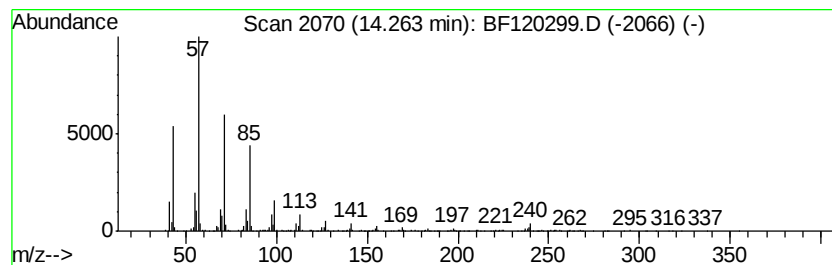
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	4.00 ng	651317	Chrysene-d12	13.78

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	95
2	Octadecane		254	C18H38	000593-45-3	92
3	Octacosane		394	C28H58	000630-02-4	91
4	Tetracosane		338	C24H50	000646-31-1	91
5	Heptadecane		240	C17H36	000629-78-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120299.D
Acq On : 14 May 2020 19:10
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Sample : L2605-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

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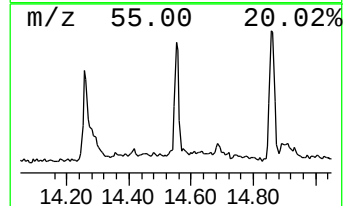
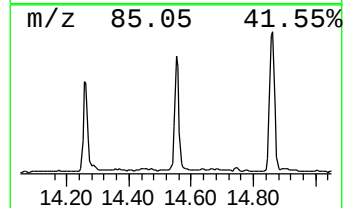
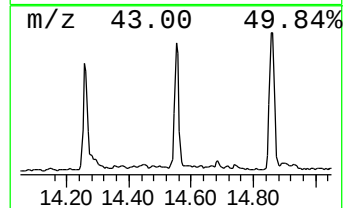
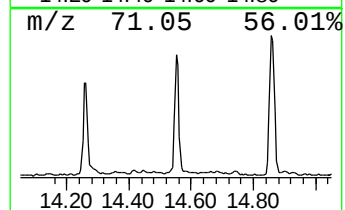
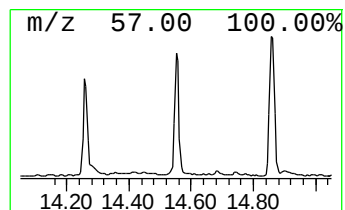
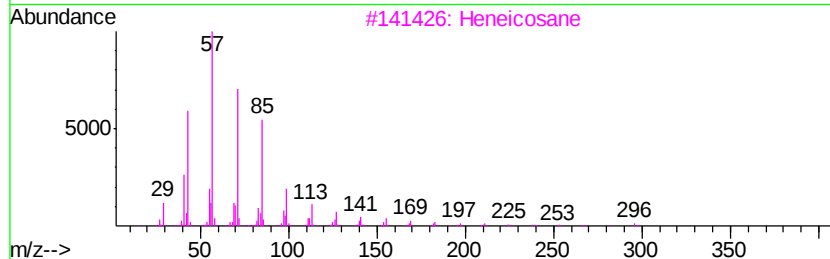
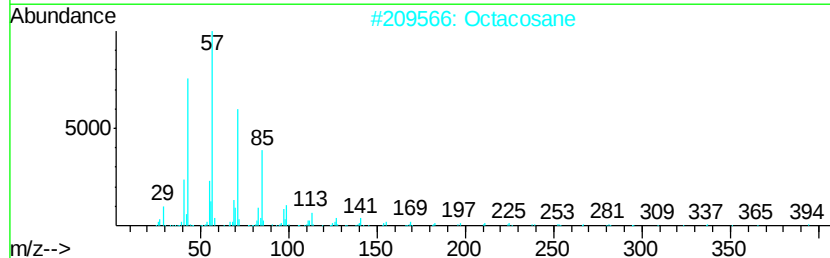
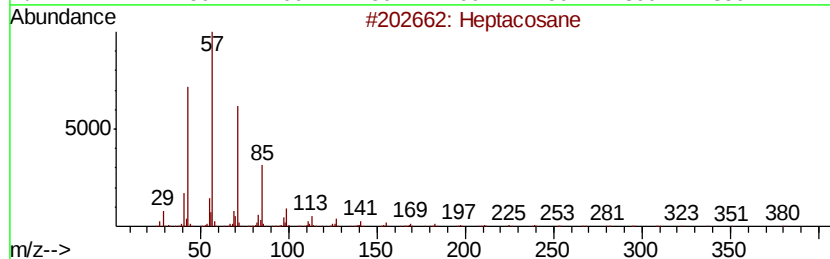
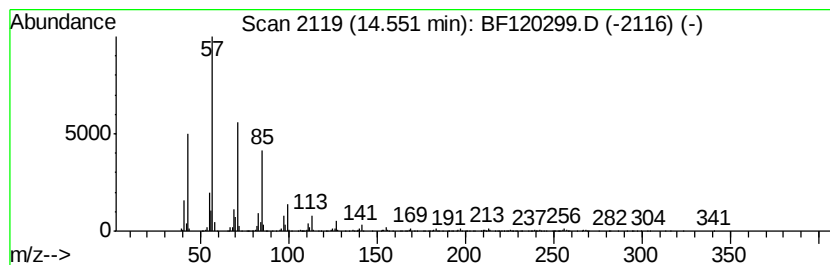
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	6.49 ng	759724	Perylene-d12	15.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Octacosane		394	C28H58	000630-02-4	91
3	Heneicosane		296	C21H44	000629-94-7	90
4	Docosane		310	C22H46	000629-97-0	90
5	Hexacosane		366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120299.D
Acq On : 14 May 2020 19:10
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Sample : L2605-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

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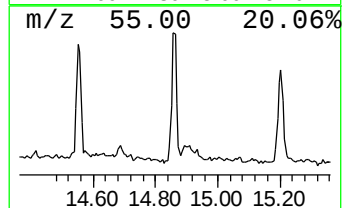
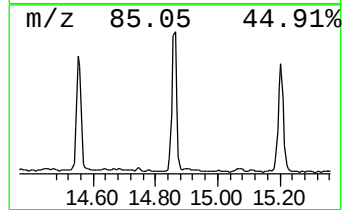
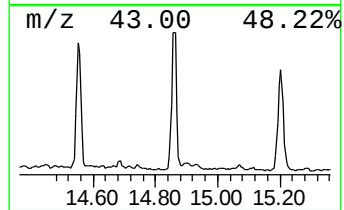
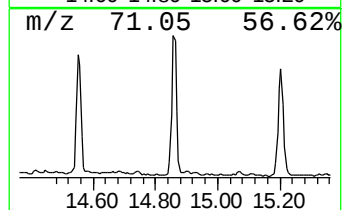
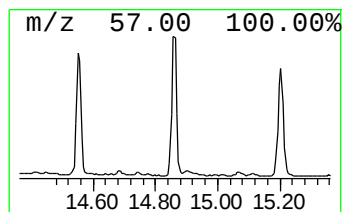
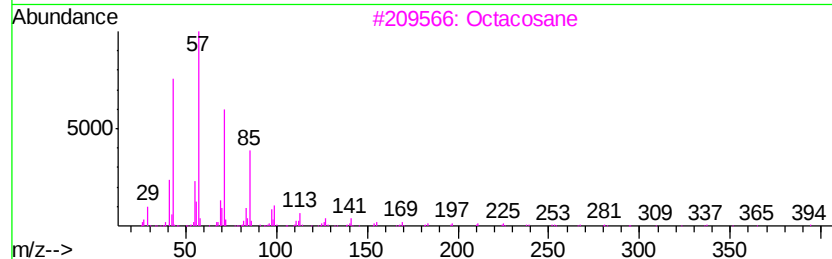
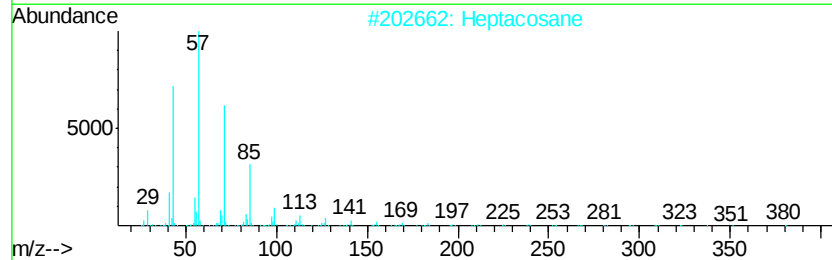
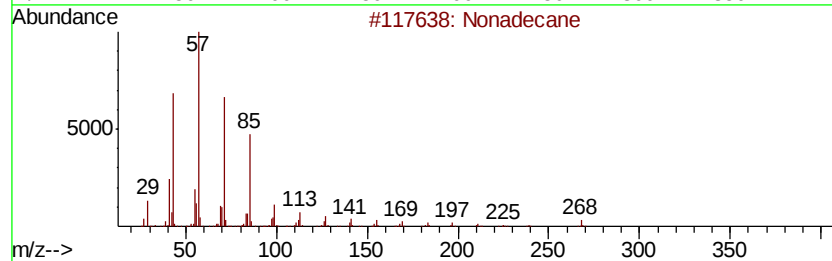
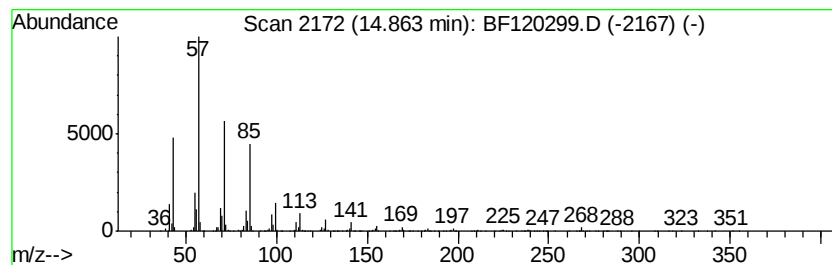
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.86	8.73 ng	1020900	Perylene-d12		15.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane			268	C19H40	000629-92-5	95
2	Heptacosane			380	C27H56	000593-49-7	91
3	Octacosane			394	C28H58	000630-02-4	90
4	Hexacosane			366	C26H54	000630-01-3	90
5	Pentacosane			352	C25H52	000629-99-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120299.D
Acq On : 14 May 2020 19:10
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Sample : L2605-04
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ClientSampleId :
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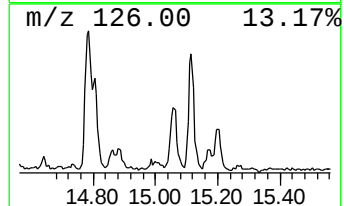
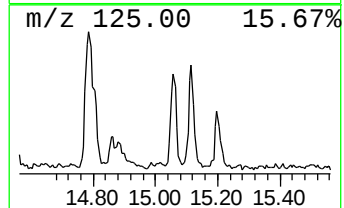
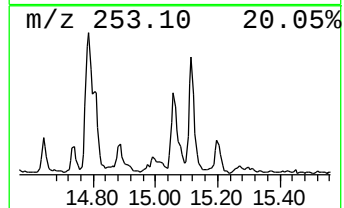
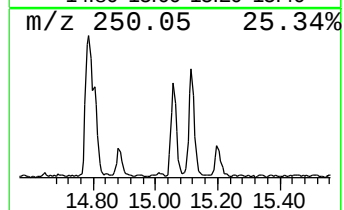
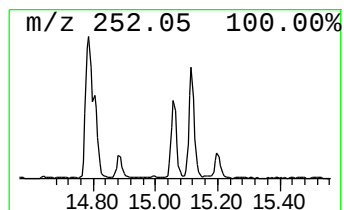
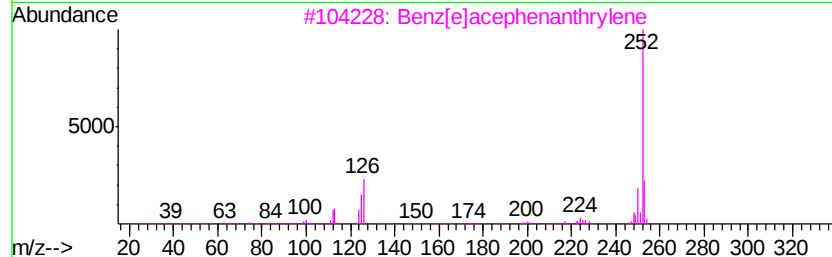
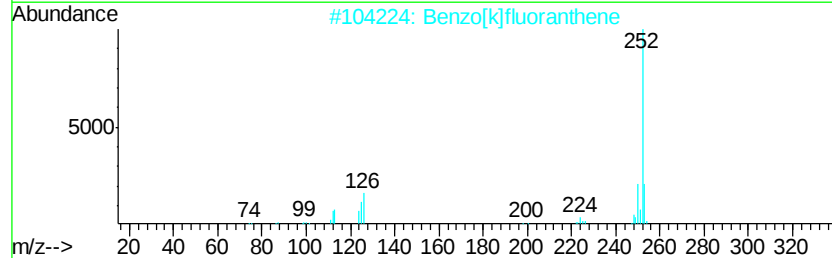
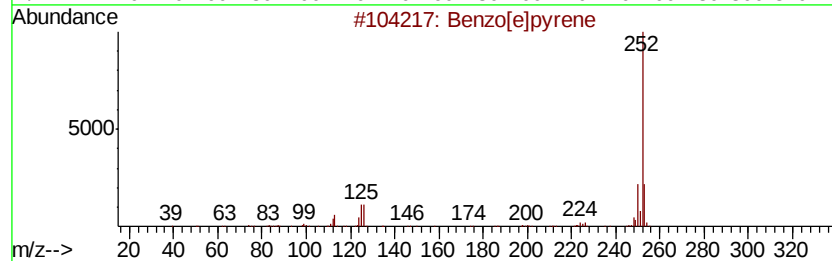
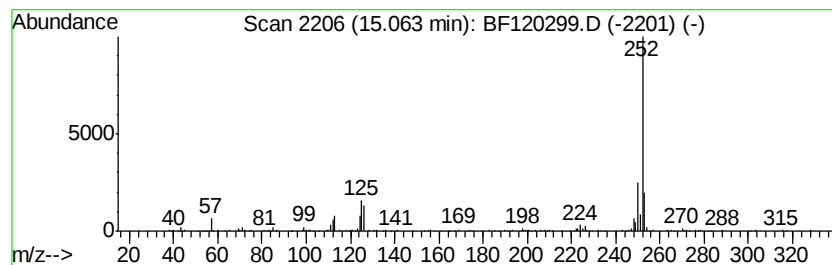
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	2.74 ng	320925	Perylene-d12	15.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
4		Benzo[a]pyrene	252	C20H12	000050-32-8	93
5		Perylene	252	C20H12	000198-55-0	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120299.D
Acq On : 14 May 2020 19:10
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Sample : L2605-04
Misc :
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Instrument :
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ClientSampleId :
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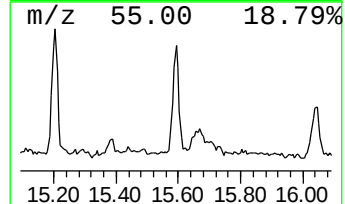
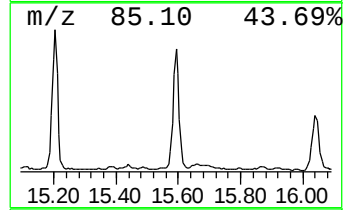
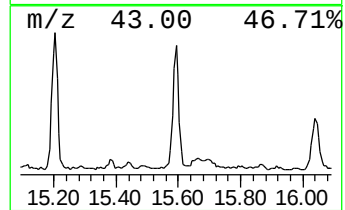
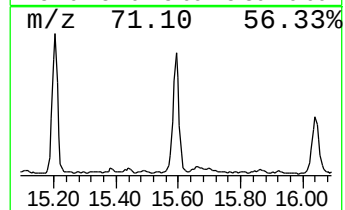
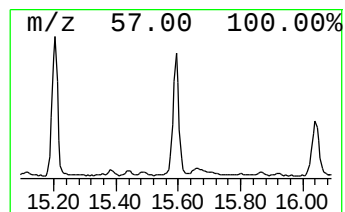
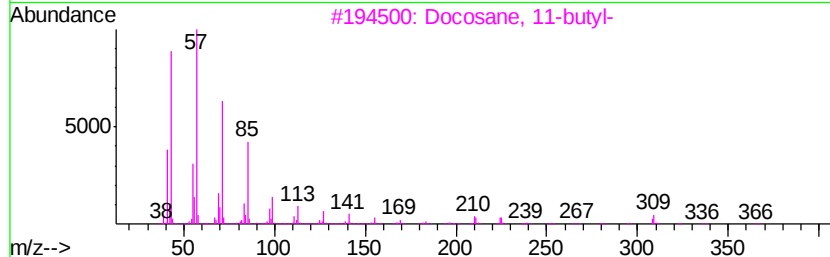
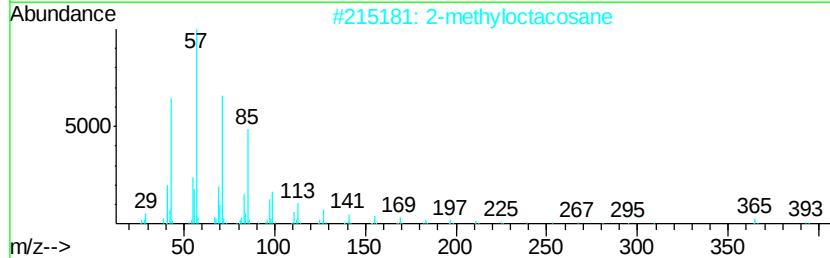
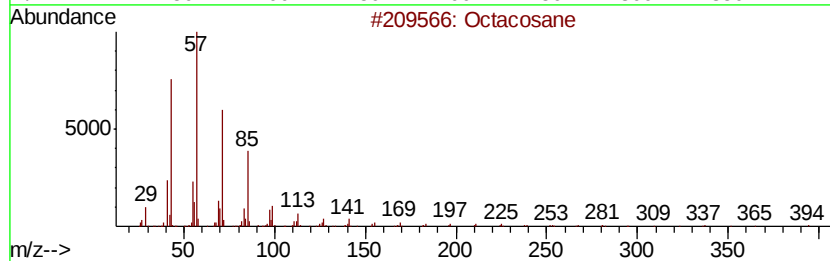
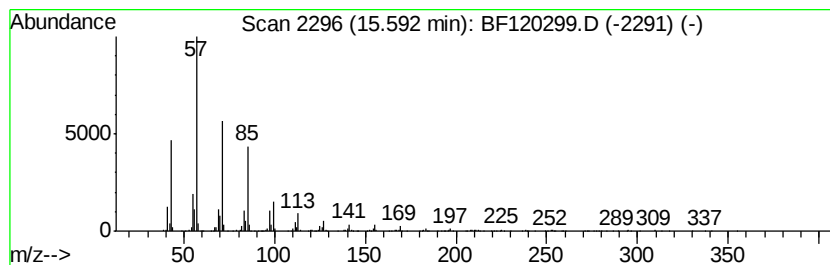
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	6.87 ng	803840	Perylene-d12	15.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	90
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	90
4		Pentacosane	352	C25H52	000629-99-2	90
5		Triacontane	422	C30H62	000638-68-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120299.D
Acq On : 14 May 2020 19:10
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Sample : L2605-04
Misc :
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Instrument :
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ClientSampleId :
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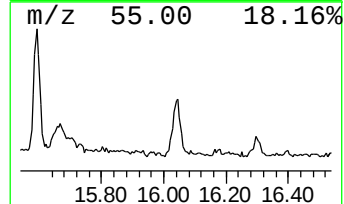
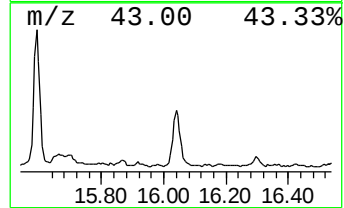
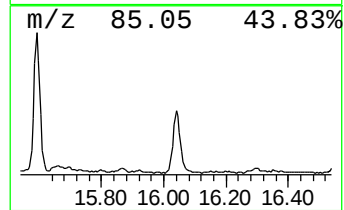
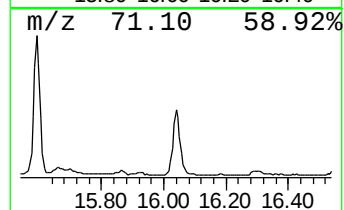
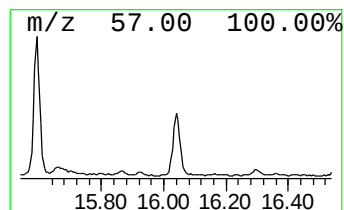
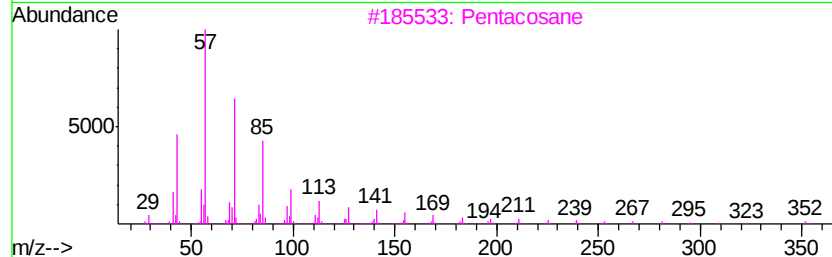
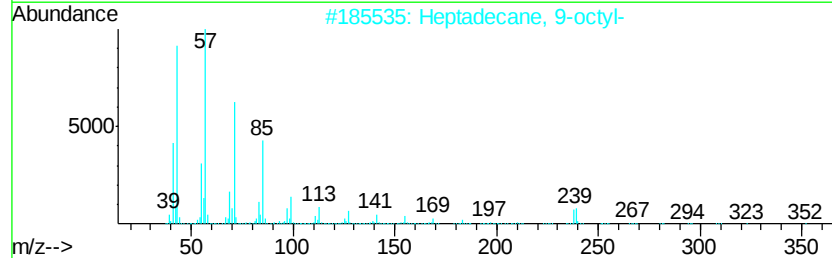
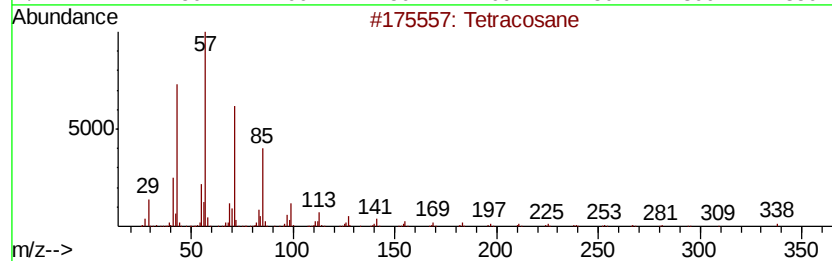
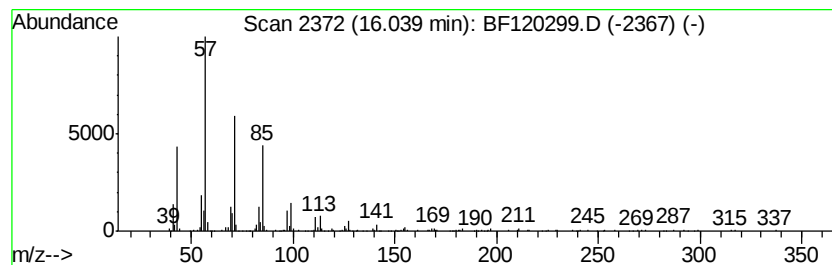
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	3.83 ng	448353	Perylene-d12	15.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	90
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3			Pentacosane	352	C25H52	000629-99-2	90
4			Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
5			Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120299.D
Acq On : 14 May 2020 19:10
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Sample : L2605-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

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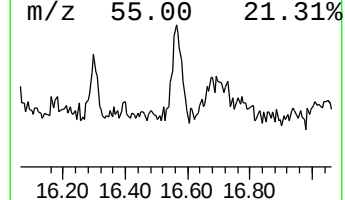
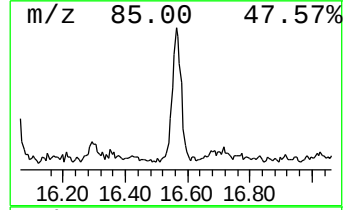
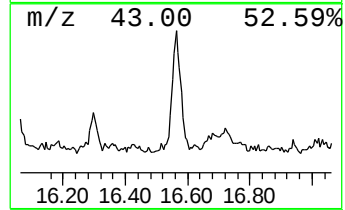
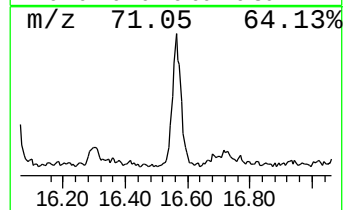
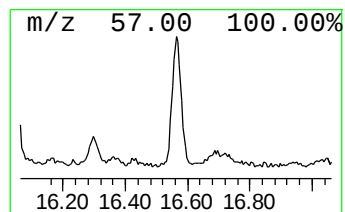
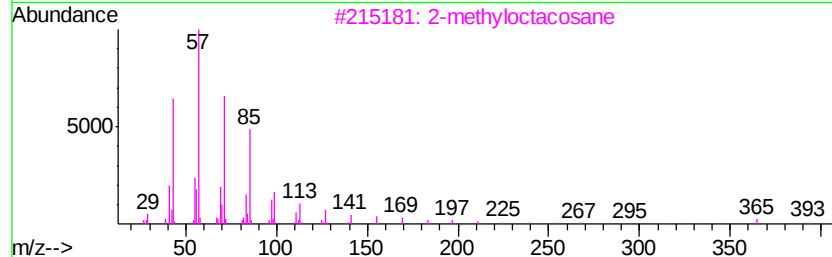
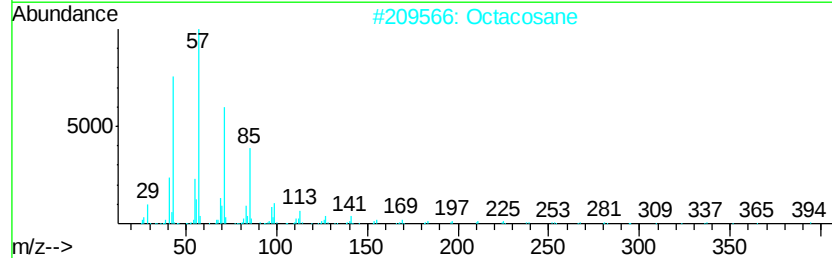
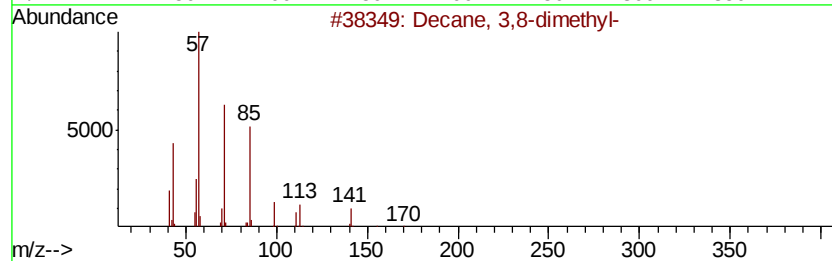
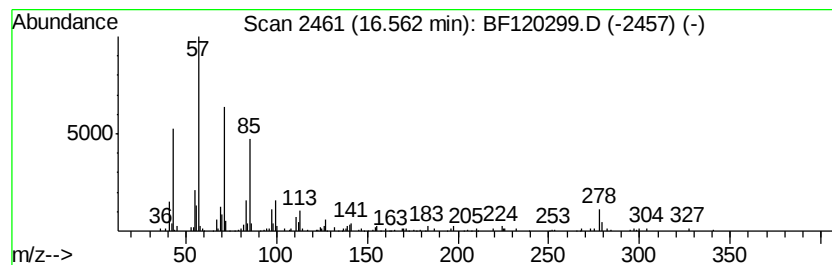
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Decane, 3,8-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	2.18 ng	254515	Perylene-d12	15.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	90
2		Octacosane	394	C28H58	000630-02-4	87
3		2-methyloctacosane	408	C29H60	1000376-72-8	83
4		Nonadecane	268	C19H40	000629-92-5	81
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051420\
 Data File : BF120299.D
 Acq On : 14 May 2020 19:10
 Operator : MA/SJ
 Sample : L2605-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 239997

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.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
Tridecanoic acid	11.69	7.0 ng		1183560	4	11.15	3376440	20.0
unknown11.75	11.75	2.0 ng		338199	4	11.15	3376440	20.0
Octadecanoic acid	12.47	4.4 ng		716726	5	13.78	3256150	20.0
Hexacosyl trifluo...	13.64	8.0 ng		1298850	5	13.78	3256150	20.0
Hexadecane	13.96	2.4 ng		384447	5	13.78	3256150	20.0
Eicosane	14.26	4.0 ng		651317	5	13.78	3256150	20.0
Heptacosane	14.55	6.5 ng		759724	6	15.17	2339940	20.0
Nonadecane	14.86	8.7 ng		1020900	6	15.17	2339940	20.0
Benzo[e]pyrene	15.06	2.7 ng		320925	6	15.17	2339940	20.0
Octacosane	15.59	6.9 ng		803840	6	15.17	2339940	20.0
Tetracosane	16.04	3.8 ng		448353	6	15.17	2339940	20.0
Decane, 3,8-dimet...	16.56	2.2 ng		254515	6	15.17	2339940	20.0