

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110320\
 Data File : BF122253.D
 Acq On : 3 Nov 2020 21:38
 Operator : JU/CG
 Sample : L4600-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT-6

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-BF101220.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122253.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.340	550	553	588	rBV	1141858	1878599	88.07%	11.056%
2	6.369	725	728	764	rBV	1286611	1999766	93.75%	11.769%
3	6.604	764	768	775	rBV3	12979	33979	1.59%	0.200%
4	6.710	782	786	798	rVB	470976	472431	22.15%	2.780%
5	7.281	880	883	907	rBV	1081585	1219428	57.16%	7.177%
6	7.992	1001	1004	1027	rBV	555644	612644	28.72%	3.606%
7	9.063	1182	1186	1203	rBV	2079523	2133173	100.00%	12.554%
8	9.180	1203	1206	1220	rVB	64933	82050	3.85%	0.483%
9	9.469	1252	1255	1267	rBV	285428	324783	15.23%	1.911%
10	9.745	1298	1302	1315	rBV	650638	663811	31.12%	3.907%
11	10.539	1434	1437	1452	rBV	958223	1238414	58.06%	7.288%
12	11.233	1552	1555	1565	rBV	626062	679036	31.83%	3.996%
13	11.763	1639	1645	1653	rBV3	25930	55737	2.61%	0.328%
14	12.451	1759	1762	1768	rBV	135387	135881	6.37%	0.800%
15	12.680	1794	1801	1808	rBV	151266	178350	8.36%	1.050%
16	12.816	1820	1824	1827	rBV	2027585	1874160	87.86%	11.030%
17	12.904	1835	1839	1843	rVB2	22516	32694	1.53%	0.192%
18	12.998	1850	1855	1856	rBV2	23352	34099	1.60%	0.201%
19	13.016	1856	1858	1864	rVB2	25826	35314	1.66%	0.208%
20	13.121	1871	1876	1879	rBV3	24348	32015	1.50%	0.188%
21	13.210	1888	1891	1894	rBV	33797	31865	1.49%	0.188%
22	13.651	1962	1966	1969	rBV3	25907	35664	1.67%	0.210%
23	13.710	1969	1976	1992	rVV8	102904	290942	13.64%	1.712%
24	13.880	2001	2005	2008	rBV2	604249	673218	31.56%	3.962%
25	13.910	2008	2010	2016	rVB	119554	132445	6.21%	0.779%
26	14.021	2026	2029	2031	rBV4	23859	23561	1.10%	0.139%
27	14.110	2040	2044	2046	rBV2	29074	30748	1.44%	0.181%
28	14.274	2067	2072	2076	rBV	46788	67661	3.17%	0.398%
29	14.321	2076	2080	2082	rVV2	31203	41844	1.96%	0.246%
30	14.351	2082	2085	2088	rVV4	27697	37468	1.76%	0.221%
31	14.404	2091	2094	2099	rVB6	13467	26540	1.24%	0.156%
32	14.621	2125	2131	2134	rVB2	52913	58648	2.75%	0.345%
33	14.915	2177	2181	2183	rBV	231621	317254	14.87%	1.867%
34	15.021	2196	2199	2204	rVB	28909	32962	1.55%	0.194%
35	15.204	2226	2230	2237	rVB	153560	186304	8.73%	1.096%
36	15.268	2237	2241	2246	rBV	147407	219563	10.29%	1.292%

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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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.321	2246	2250	2254	rBV	384798	480632	22.53%	2.829%
38	15.492	2274	2279	2284	rBV5	13390	30230	1.42%	0.178%
39	15.533	2284	2286	2295	rVB5	14367	27823	1.30%	0.164%
40	15.692	2308	2313	2317	rVB2	49214	74363	3.49%	0.438%
41	16.151	2386	2391	2396	rBV	42673	78121	3.66%	0.460%
42	16.698	2477	2484	2490	rBV3	35527	84373	3.96%	0.497%
43	16.756	2490	2494	2504	rVB2	58788	118865	5.57%	0.700%
44	17.192	2562	2568	2578	rBV	45029	118106	5.54%	0.695%
45	17.333	2587	2592	2600	rVB4	25542	56088	2.63%	0.330%

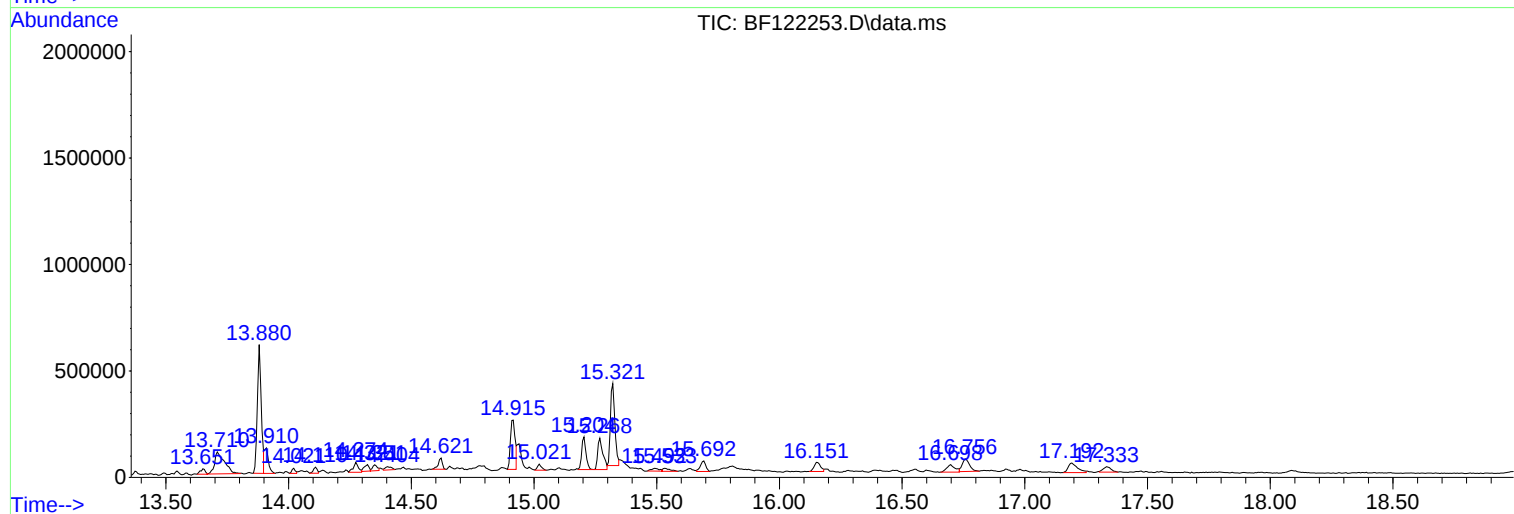
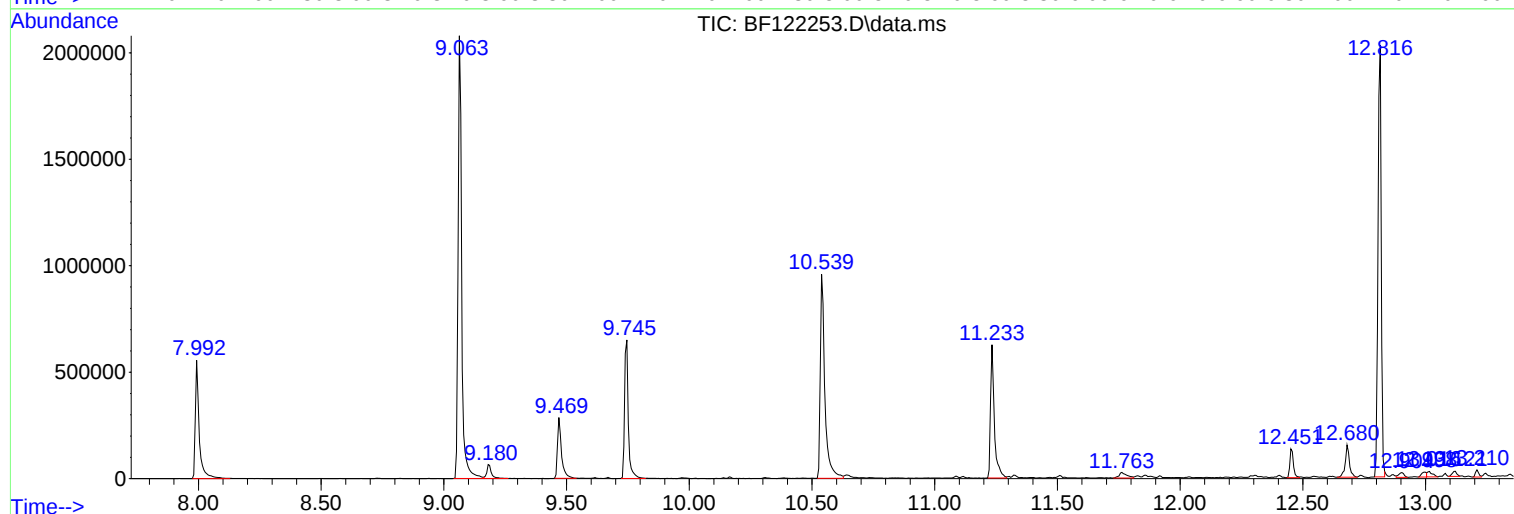
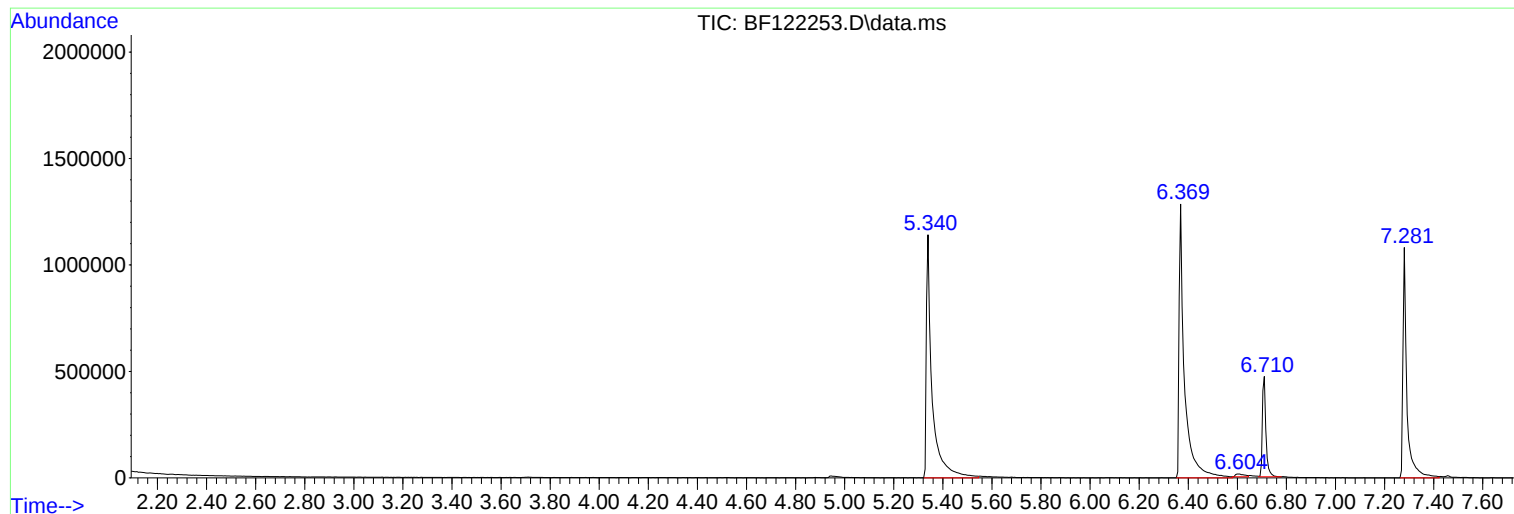
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BNA_F
ClientSampled :
CRT-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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 :
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ClientSampleId :
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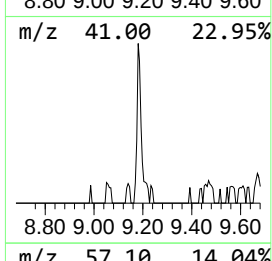
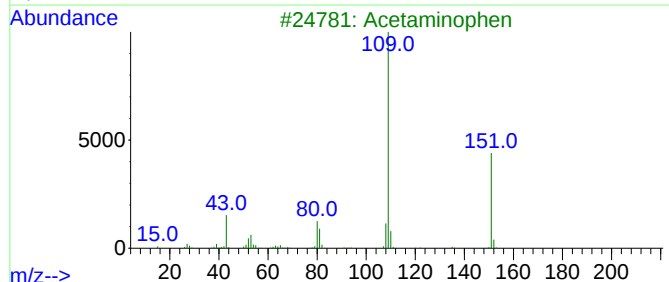
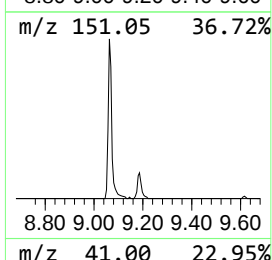
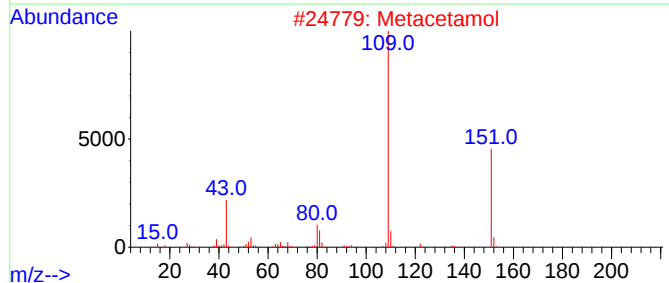
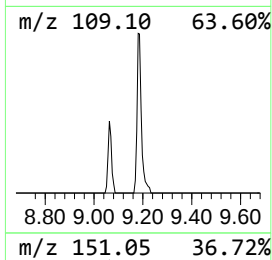
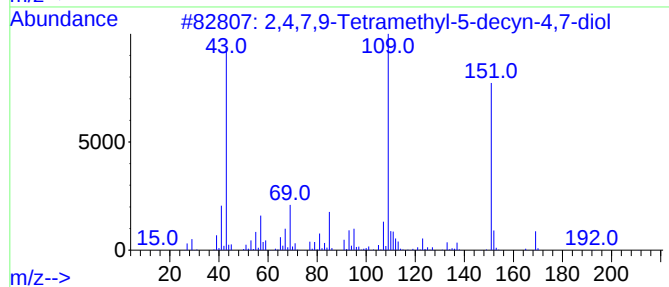
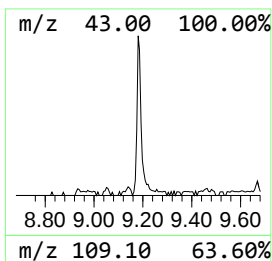
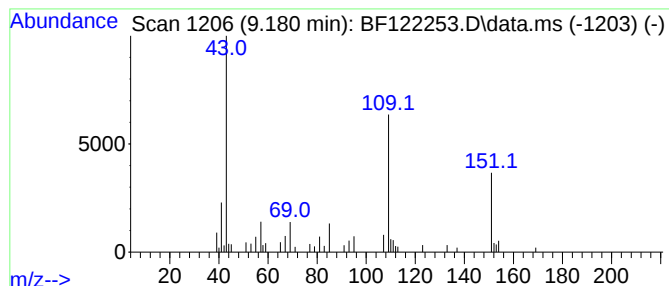
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.180	2.47 ng	82050	Acenaphthene-d10	9.745

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	87		
2	Metacetamol	151	C8H9NO2	000621-42-1	52		
3	Acetaminophen	151	C8H9NO2	000103-90-2	50		
4	Benzene, 1-fluoro-2-(2-methoxyet...	152	C9H9FO	054533-36-7	46		
5	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	43		



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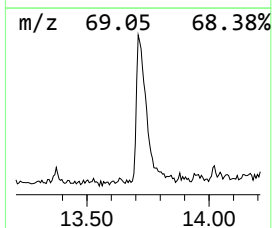
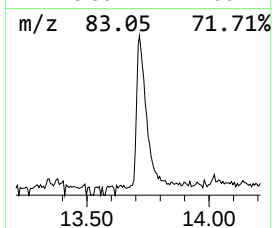
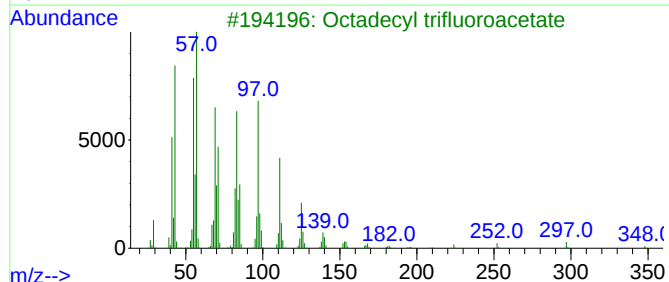
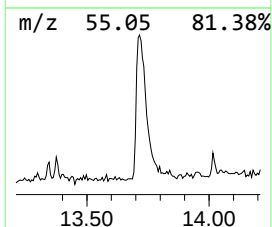
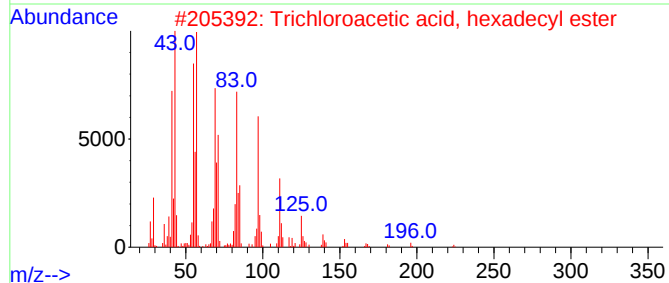
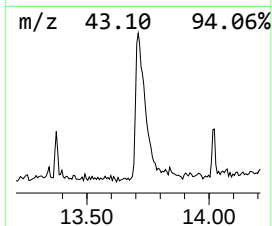
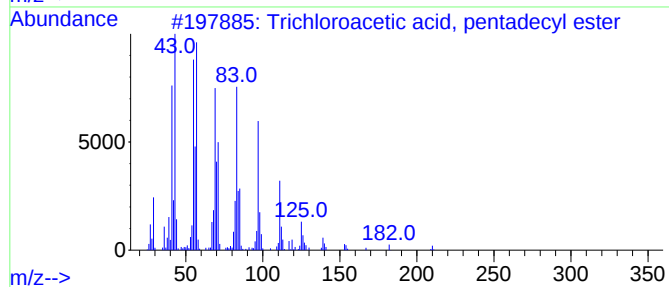
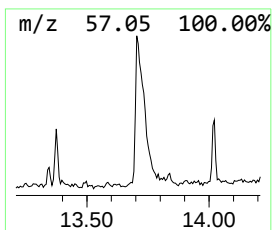
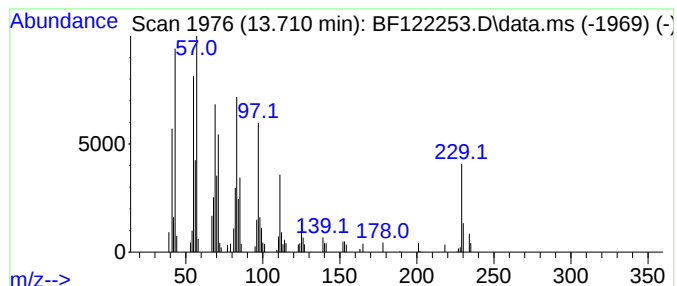
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Trichloroacetic acid, penta... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.710	8.64 ng	290942	Chrysene-d12	13.880

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
2			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81
3			Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	81
4			Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	81
5			1-Docosene	308	C22H44	001599-67-3	81



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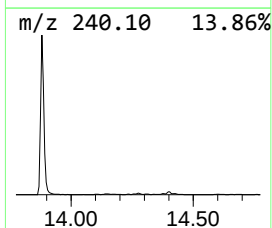
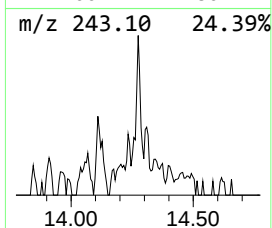
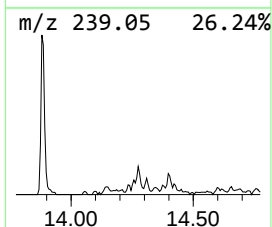
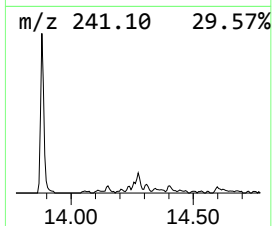
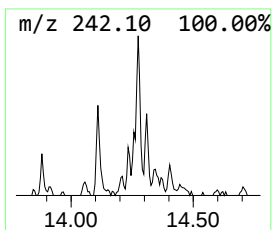
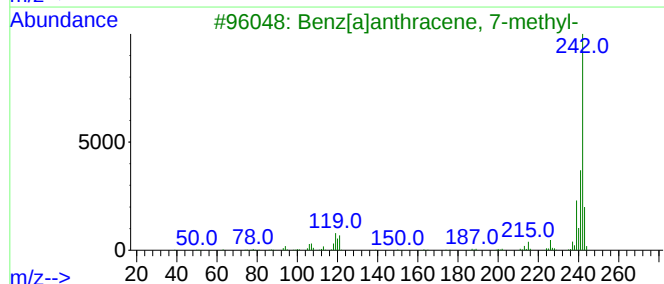
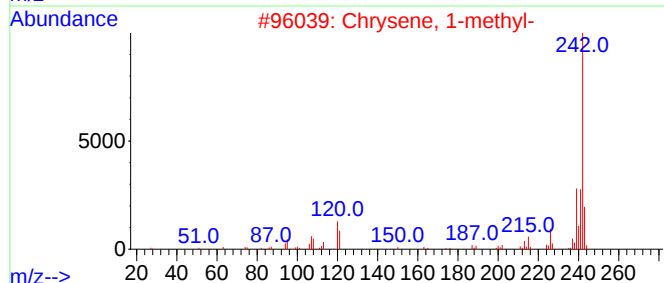
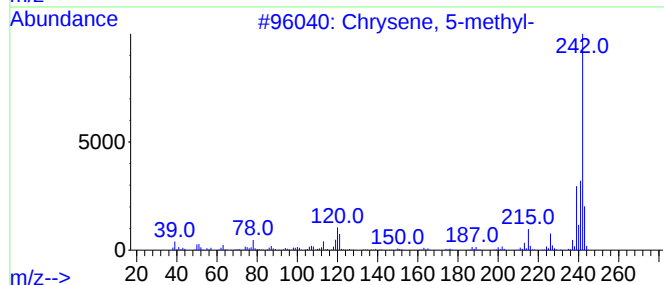
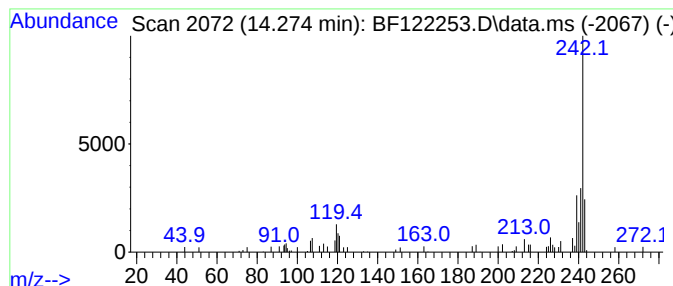
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Chrysene, 5-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.274	2.01 ng	67661	Chrysene-d12	13.880

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
2			Chrysene, 1-methyl-	242	C19H14	003351-28-8	76
3			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	76
4			Chrysene, 3-methyl-	242	C19H14	003351-31-3	76
5			Chrysene, 6-methyl-	242	C19H14	001705-85-7	76



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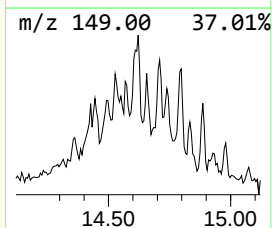
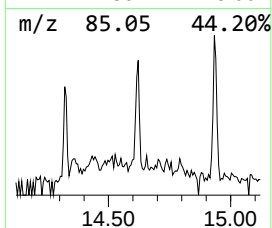
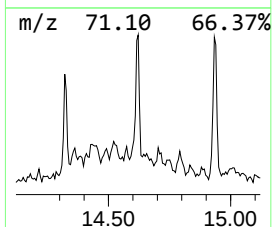
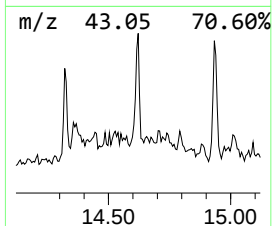
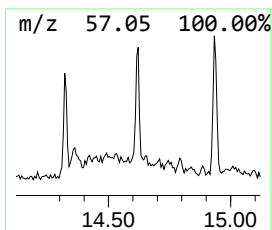
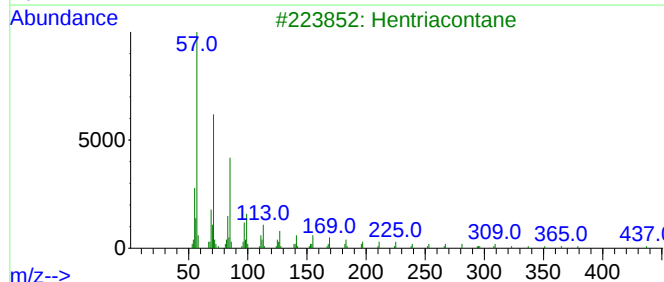
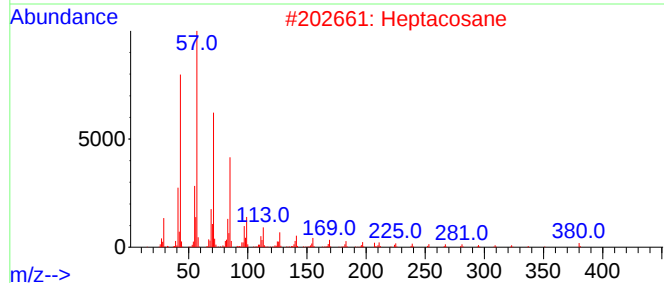
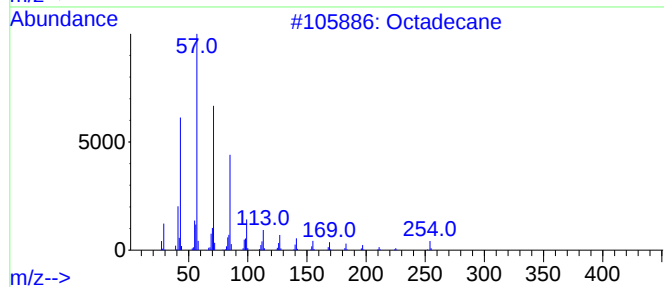
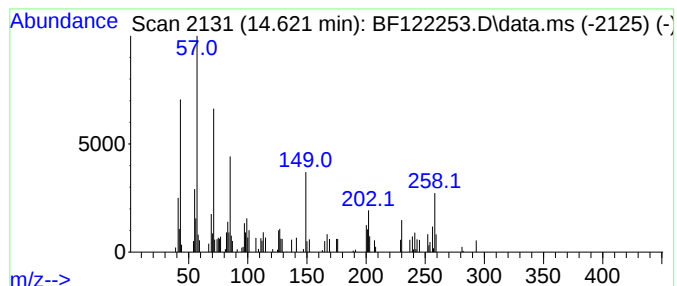
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.621	2.44 ng	58648	Perylene-d12	15.321

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	89
2			Heptacosane	380	C27H56	000593-49-7	46
3			Hentriacontane	437	C31H64	000630-04-6	46
4			Hexacosane	366	C26H54	000630-01-3	46
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	41



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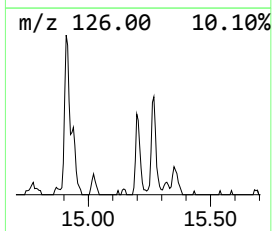
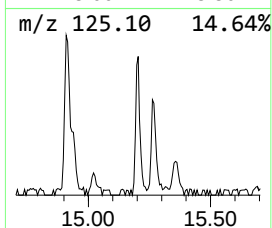
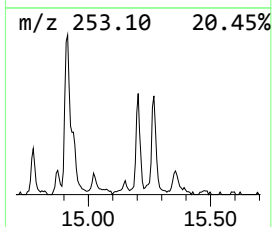
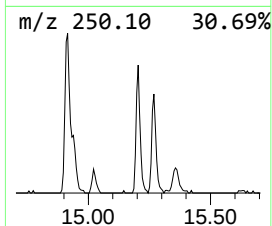
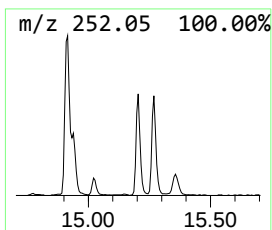
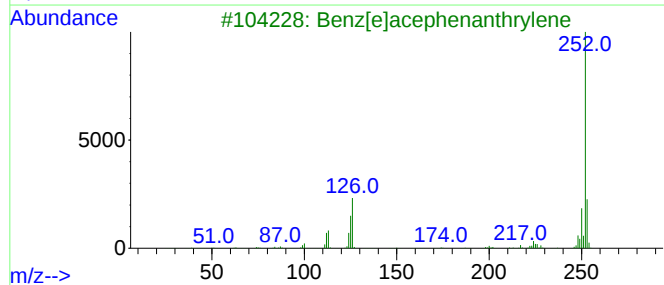
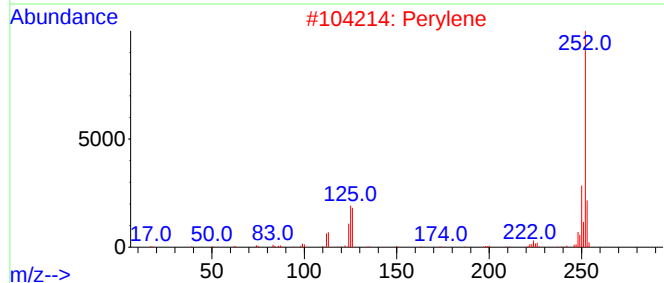
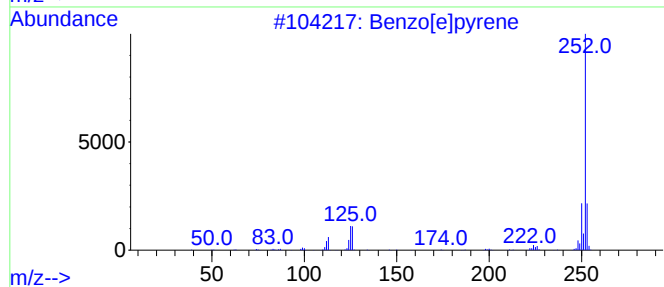
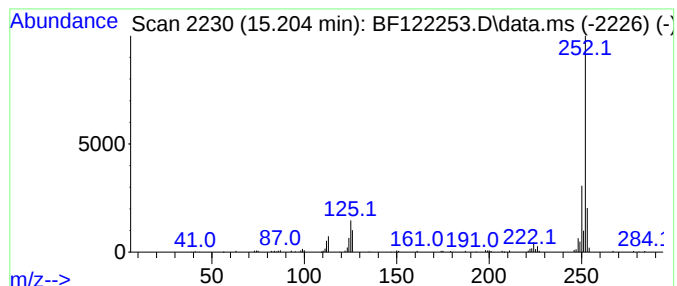
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.204	7.75 ng	186304	Perylene-d12	15.321

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Perylene	252	C20H12	000198-55-0	96
3			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110320\
Data File : BF122253.D
Acq On : 3 Nov 2020 21:38
Operator : JU/CG
Sample : L4600-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
CRT-6

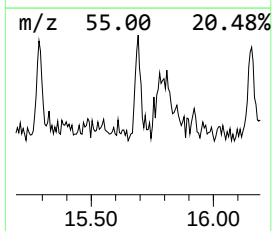
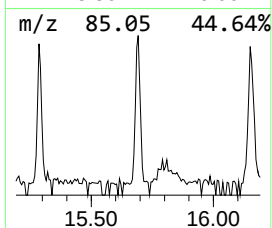
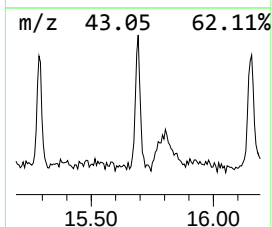
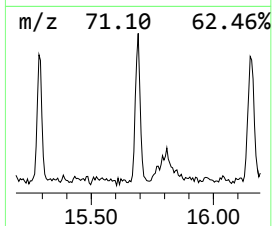
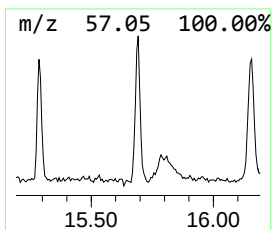
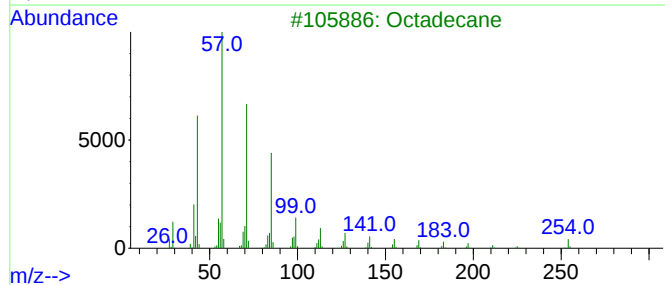
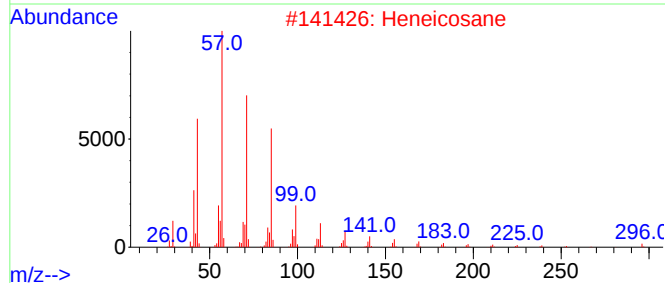
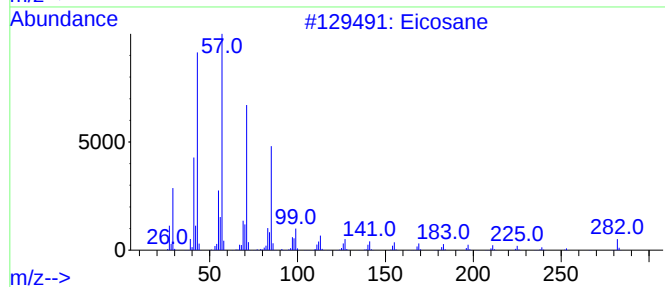
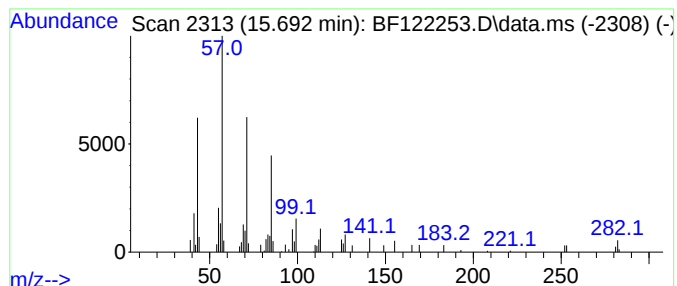
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.692	3.09 ng	74363	Perylene-d12	15.321

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	95
2			Heneicosane	296	C21H44	000629-94-7	90
3			Octadecane	254	C18H38	000593-45-3	87
4			Pentacosane	352	C25H52	000629-99-2	87
5			Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110320\
Data File : BF122253.D
Acq On : 3 Nov 2020 21:38
Operator : JU/CG
Sample : L4600-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CRT-6

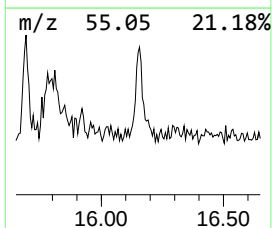
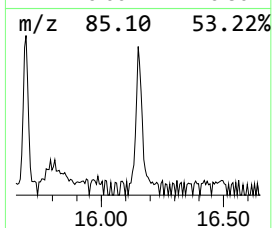
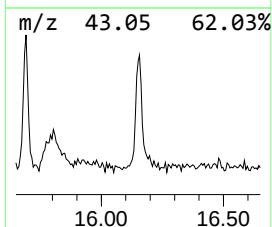
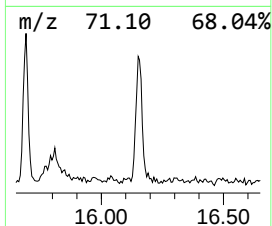
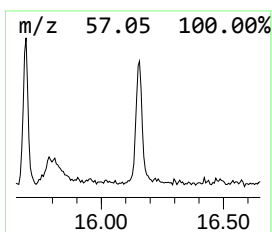
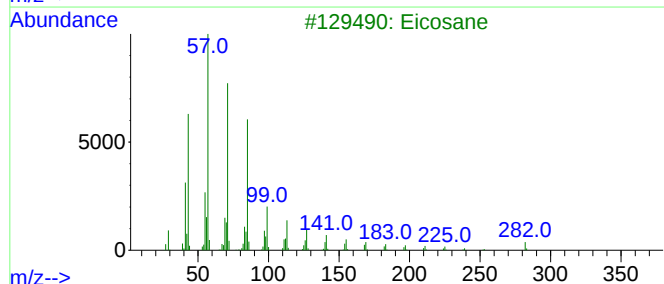
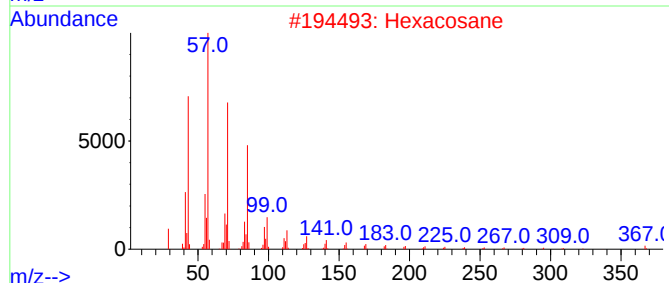
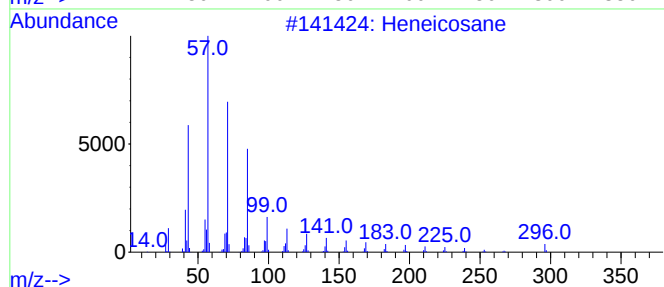
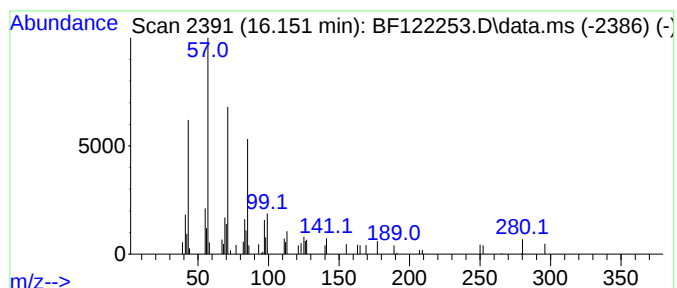
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.151	3.25 ng	78121	Perylene-d12	15.321

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	96
2			Hexacosane	366	C26H54	000630-01-3	83
3			Eicosane	282	C20H42	000112-95-8	81
4			Heptacosane	380	C27H56	000593-49-7	80
5			Tetratetracontane	619	C44H90	007098-22-8	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110320\
Data File : BF122253.D
Acq On : 3 Nov 2020 21:38
Operator : JU/CG
Sample : L4600-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CRT-6

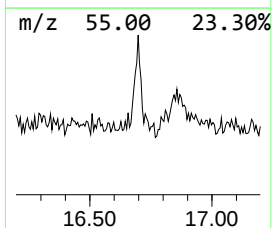
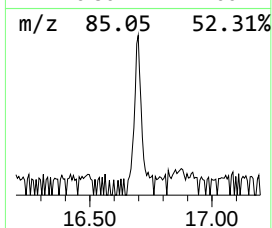
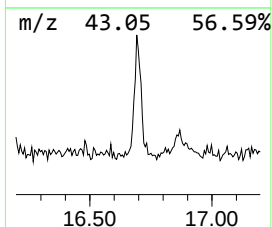
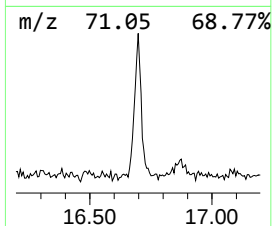
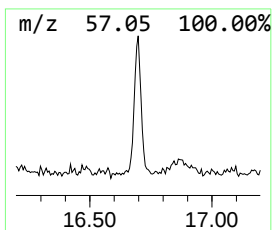
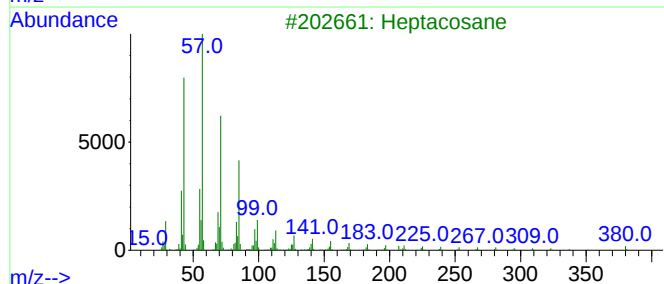
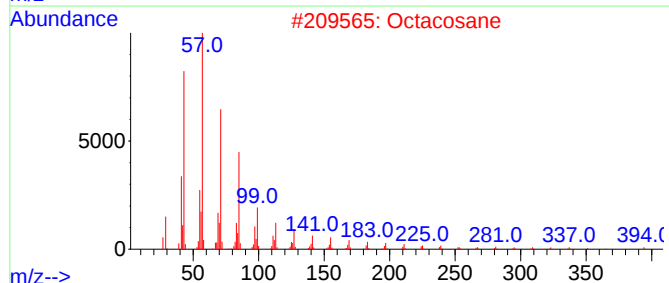
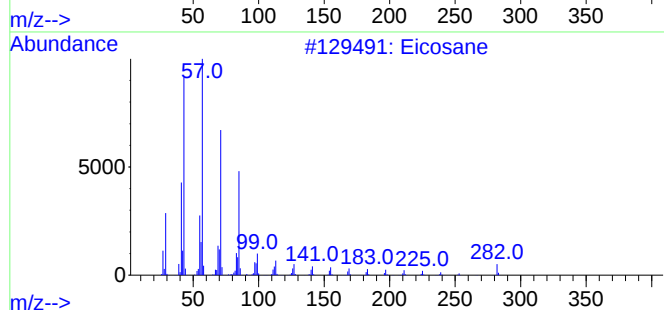
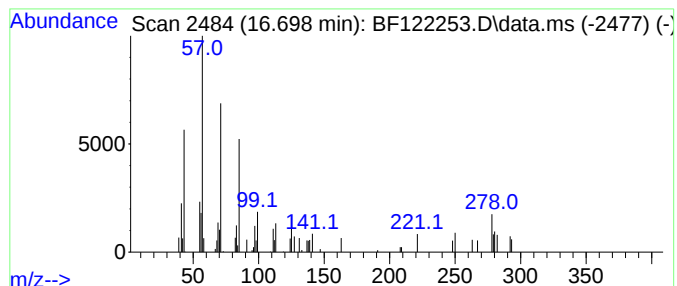
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.698	3.51 ng	84373	Perylene-d12	15.321

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Eicosane	282	C20H42	000112-95-8	83
2		Octacosane	394	C28H58	000630-02-4	49
3		Heptacosane	380	C27H56	000593-49-7	49
4		Heneicosane	296	C21H44	000629-94-7	49
5		Hexacosane	366	C26H54	000630-01-3	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110320\
Data File : BF122253.D
Acq On : 3 Nov 2020 21:38
Operator : JU/CG
Sample : L4600-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
CRT-6

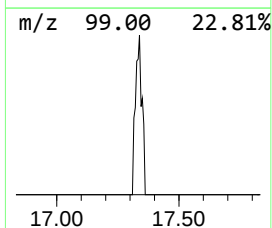
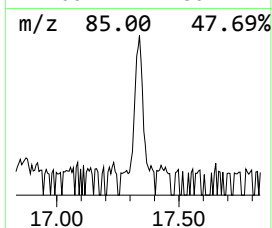
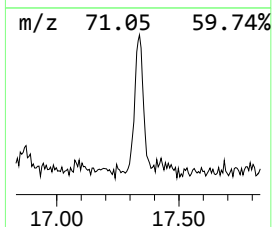
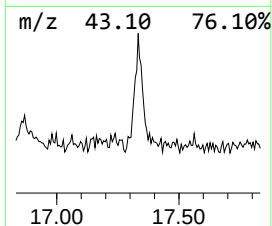
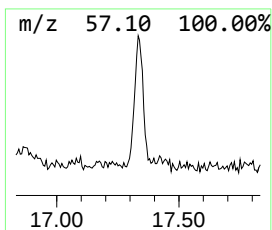
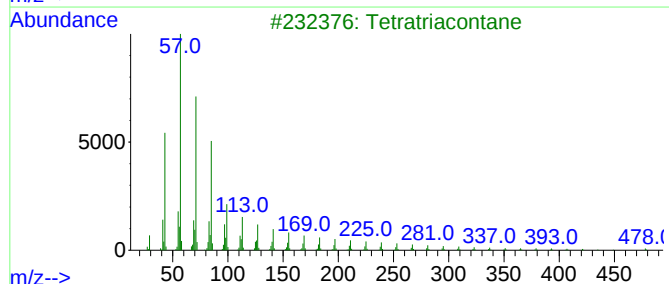
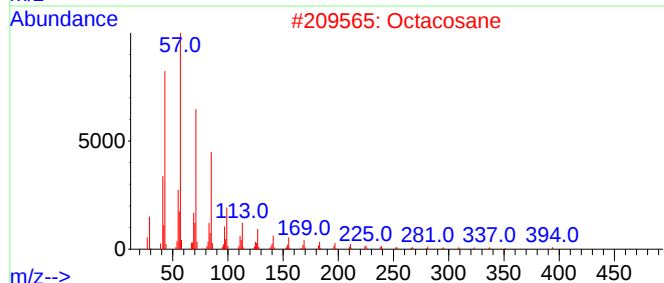
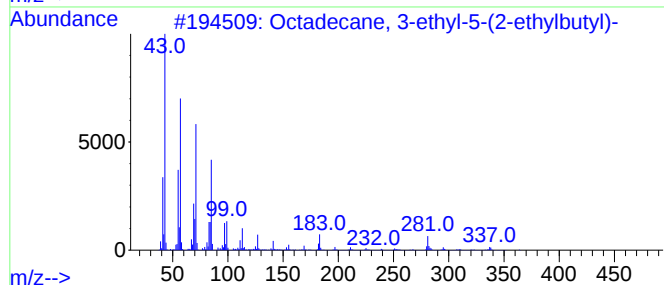
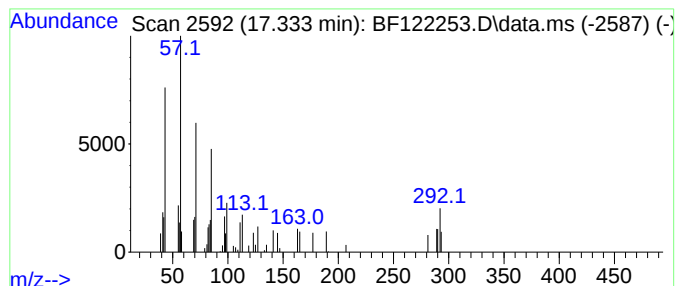
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown17.333 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.333	2.33 ng	56088	Perylene-d12	15.321

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	43
2			Octacosane	394	C28H58	000630-02-4	43
3			Tetratriacontane	479	C34H70	014167-59-0	43
4			Triacontane	422	C30H62	000638-68-6	43
5			Heptadecane	240	C17H36	000629-78-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110320\
Data File : BF122253.D
Acq On : 3 Nov 2020 21:38
Operator : JU/CG
Sample : L4600-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CRT-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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-Tetrame...	9.180	2.5	ng	82050	3	9.745	663811	20.0
Trichloroacetic...	13.710	8.6	ng	290942	5	13.880	673218	20.0
Chrysene, 5-met...	14.274	2.0	ng	67661	5	13.880	673218	20.0
Octadecane	14.621	2.4	ng	58648	6	15.321	480632	20.0
Benzo[e]pyrene	15.204	7.8	ng	186304	6	15.321	480632	20.0
Eicosane	15.692	3.1	ng	74363	6	15.321	480632	20.0
Heneicosane	16.151	3.3	ng	78121	6	15.321	480632	20.0
Octacosane	16.698	3.5	ng	84373	6	15.321	480632	20.0
unknown17.333	17.333	2.3	ng	56088	6	15.321	480632	20.0