

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
 Data File : BF124000.D
 Acq On : 19 May 2021 20:37
 Operator : JU/CG
 Sample : M2438-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-051821

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-BF051421.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124000.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	6	12	rVB	82652	104093	2.67%	0.550%
2	5.504	578	581	587	rBV	167747	154479	3.97%	0.816%
3	6.516	749	753	757	rBV	207833	160639	4.13%	0.849%
4	6.904	815	819	822	rBV	431234	325704	8.36%	1.721%
5	7.457	910	913	918	rBV	129973	106010	2.72%	0.560%
6	8.186	1031	1037	1041	rBV	489495	444030	11.40%	2.346%
7	8.780	1135	1138	1142	rBV	115889	102943	2.64%	0.544%
8	9.139	1195	1199	1203	rVB4	33141	44894	1.15%	0.237%
9	9.210	1208	1211	1216	rVB2	59986	57566	1.48%	0.304%
10	9.263	1216	1220	1222	rBV	229542	181410	4.66%	0.958%
11	9.345	1230	1234	1239	rBV	231656	198984	5.11%	1.051%
12	9.522	1262	1264	1269	rVB2	93784	88142	2.26%	0.466%
13	9.663	1284	1288	1290	rBV4	94671	121269	3.11%	0.641%
14	9.722	1295	1298	1301	rVB3	56299	52192	1.34%	0.276%
15	9.874	1321	1324	1328	rVB	304164	223374	5.74%	1.180%
16	9.945	1332	1336	1339	rVB	527834	421184	10.82%	2.225%
17	10.104	1359	1363	1366	rBV3	37554	52155	1.34%	0.276%
18	10.198	1375	1379	1383	rBV3	58388	85510	2.20%	0.452%
19	10.374	1406	1409	1412	rVB	315513	232658	5.97%	1.229%
20	10.492	1424	1429	1434	rBV2	58804	87878	2.26%	0.464%
21	10.592	1441	1446	1452	rBV	87733	130019	3.34%	0.687%
22	10.727	1464	1469	1472	rVB3	114312	124345	3.19%	0.657%
23	10.845	1486	1489	1495	rBV	295405	343368	8.82%	1.814%
24	11.298	1562	1566	1568	rBV	222714	185937	4.78%	0.982%
25	11.327	1568	1571	1576	rVB	114821	120014	3.08%	0.634%
26	11.433	1585	1589	1591	rBV	411857	399879	10.27%	2.113%
27	11.451	1591	1592	1596	rVV	210986	185551	4.77%	0.980%
28	11.504	1599	1601	1604	rVB	57619	52701	1.35%	0.278%
29	11.721	1635	1638	1641	rBV	212099	169449	4.35%	0.895%
30	11.745	1641	1642	1648	rVB6	43828	47735	1.23%	0.252%
31	11.821	1652	1655	1659	rBV	1585514	1385560	35.58%	7.320%
32	11.957	1675	1678	1681	rBV2	197421	161281	4.14%	0.852%
33	12.045	1690	1693	1695	rVB2	55372	48689	1.25%	0.257%
34	12.127	1703	1707	1712	rVB	157829	159100	4.09%	0.841%
35	12.515	1769	1773	1775	rBV	3672614	3680374	94.52%	19.443%
36	12.539	1775	1777	1783	rVV	4548164	3893936	100.00%	20.571%

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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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37	12.615	1787	1790	1793	rBV	748857	607762	15.61%	3.211%
38	12.645	1793	1795	1798	rVV	421839	488795	12.55%	2.582%
39	12.674	1798	1800	1807	rVV	440857	573138	14.72%	3.028%
40	12.745	1810	1812	1818	rVB7	68788	83384	2.14%	0.441%
41	12.851	1828	1830	1832	rBV2	118145	123510	3.17%	0.652%
42	12.874	1832	1834	1836	rVV	214551	149738	3.85%	0.791%
43	13.015	1855	1858	1861	rBV	206554	157645	4.05%	0.833%
44	13.180	1883	1886	1887	rBV2	117956	102646	2.64%	0.542%
45	13.198	1887	1889	1895	rVV4	119927	163748	4.21%	0.865%
46	13.251	1895	1898	1899	rVV	125064	115187	2.96%	0.609%
47	13.268	1899	1901	1905	rVB2	141058	126494	3.25%	0.668%
48	13.345	1911	1914	1916	rBV	83263	72478	1.86%	0.383%
49	13.451	1930	1932	1938	rVB6	38057	47993	1.23%	0.254%
50	13.592	1953	1956	1959	rVB	80595	67204	1.73%	0.355%
51	13.762	1982	1985	1989	rVB4	69219	98572	2.53%	0.521%
52	13.921	2009	2012	2015	rVB	75440	75182	1.93%	0.397%
53	14.009	2025	2027	2032	rBV5	48109	66739	1.71%	0.353%
54	14.074	2033	2038	2040	rVV2	366014	423202	10.87%	2.236%
55	14.098	2040	2042	2044	rVB	104834	72201	1.85%	0.381%
56	14.239	2063	2066	2068	rBV	67556	56959	1.46%	0.301%
57	14.545	2113	2118	2122	rVB4	77266	102281	2.63%	0.540%
58	14.633	2131	2133	2141	rBV9	30863	62804	1.61%	0.332%
59	14.862	2169	2172	2174	rVB2	49640	45059	1.16%	0.238%
60	15.133	2214	2218	2220	rBV2	56162	85817	2.20%	0.453%
61	15.439	2267	2270	2276	rVB4	59761	80562	2.07%	0.426%
62	15.504	2277	2281	2284	rVV2	58710	75989	1.95%	0.401%
63	15.568	2288	2292	2295	rVV	177306	211762	5.44%	1.119%
64	15.604	2295	2298	2302	rVB3	64987	79772	2.05%	0.421%
65	15.721	2316	2318	2322	rBV4	34429	44984	1.16%	0.238%
66	16.056	2372	2375	2380	rVB4	37431	59925	1.54%	0.317%
67	16.586	2461	2465	2471	rVB9	39419	74491	1.91%	0.394%

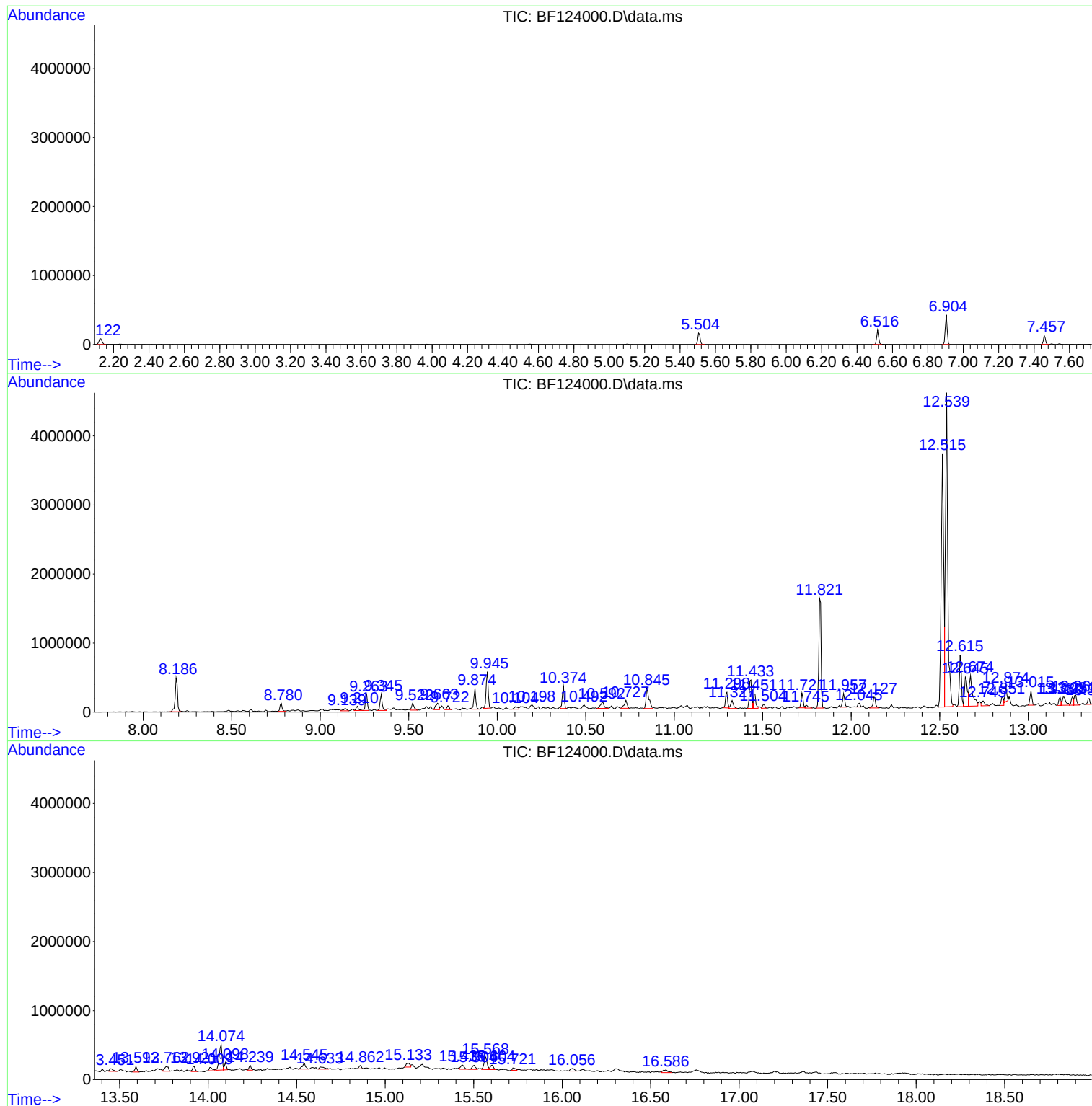
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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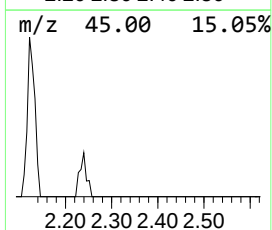
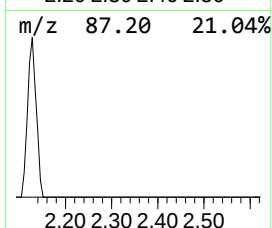
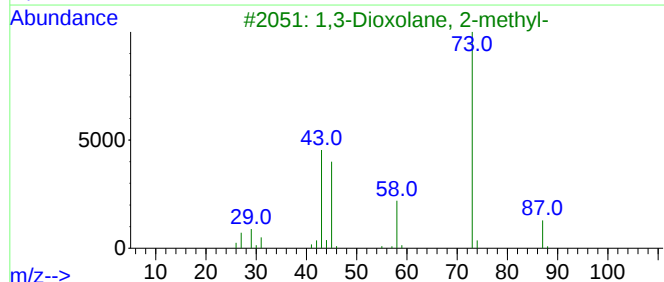
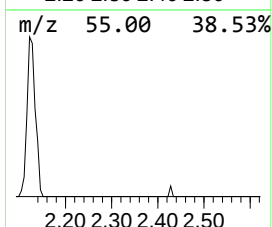
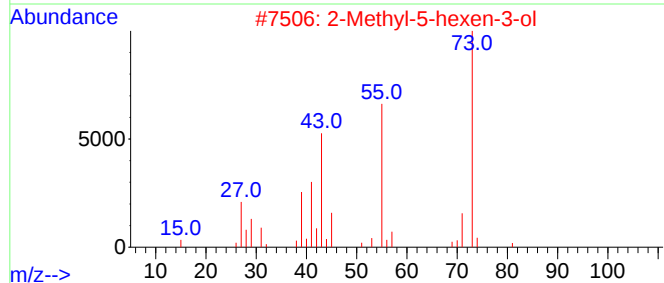
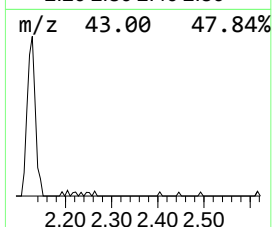
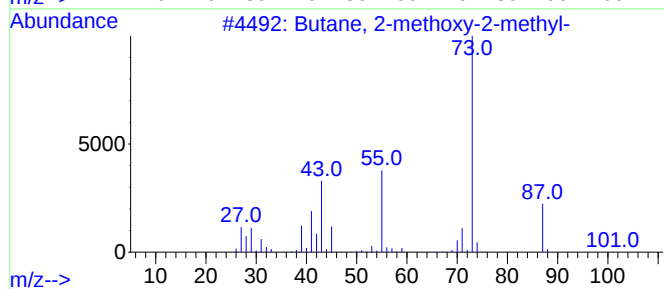
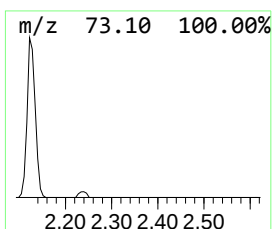
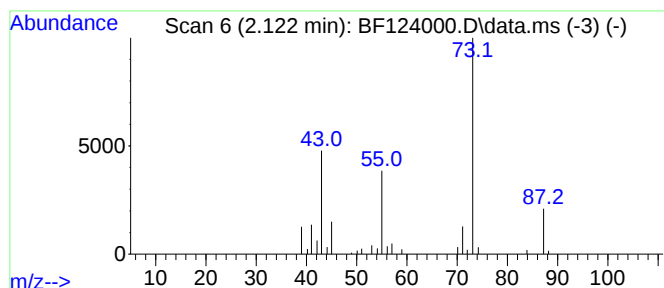
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.122	6.39 ng	104093	1,4-Dichlorobenzene-d4	6.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	27
4			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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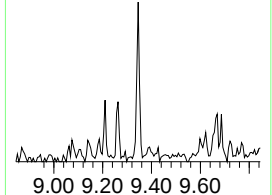
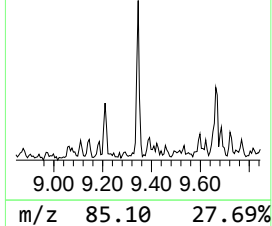
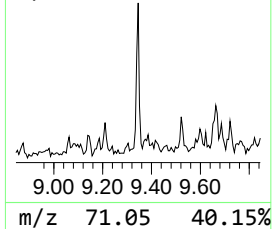
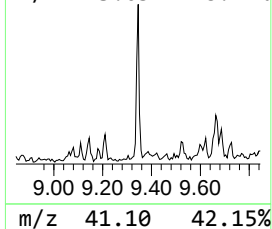
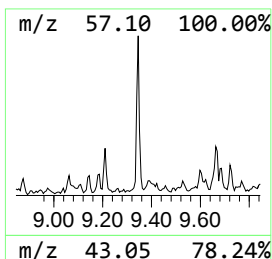
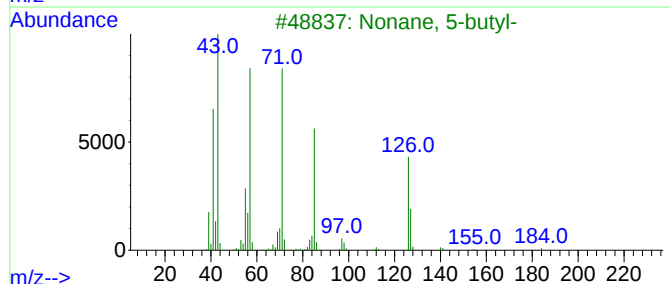
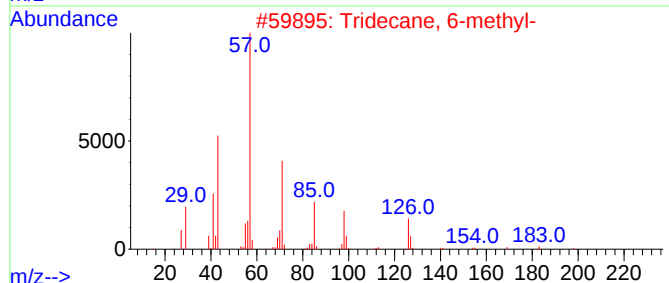
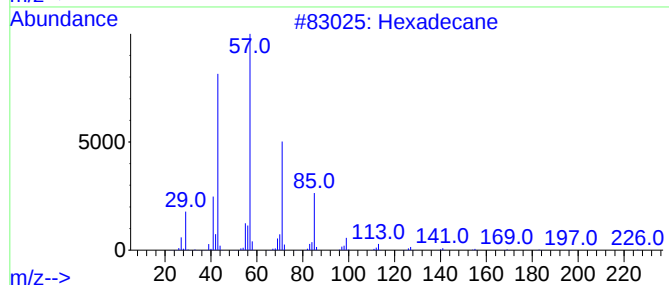
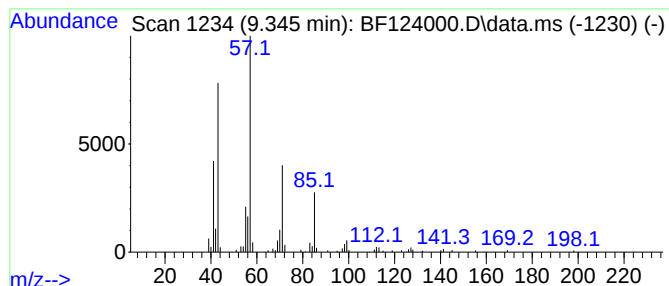
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.345	9.45 ng	198984	Acenaphthene-d10	9.945

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	91
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	76
3		Nonane, 5-butyl-	184	C13H28	017312-63-9	72
4		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	72
5		Tetradecane	198	C14H30	000629-59-4	58



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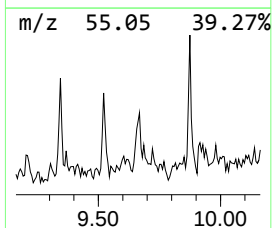
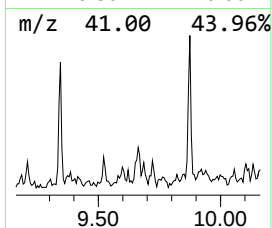
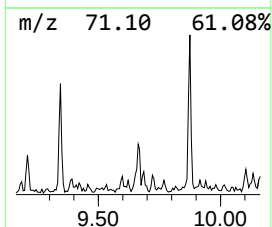
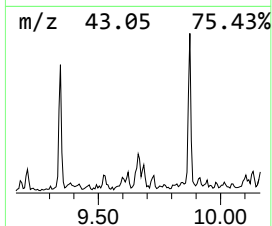
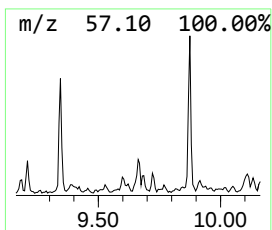
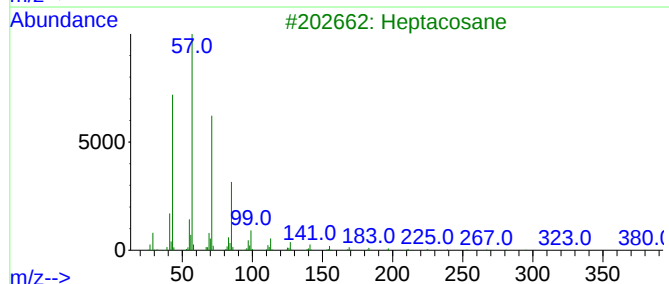
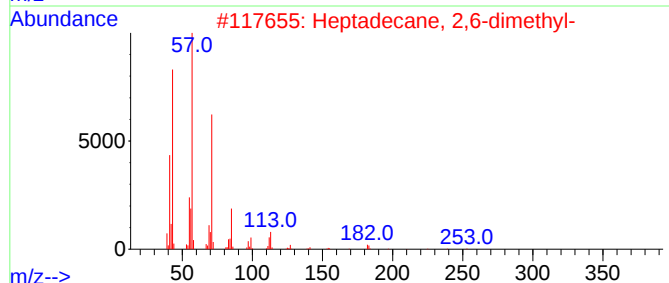
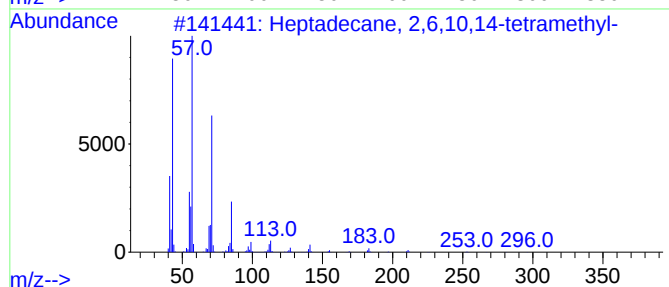
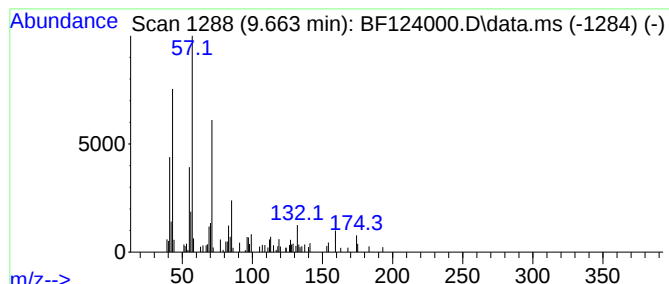
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptadecane, 2,6,10,14-tetr... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.663	5.76 ng	121269	Acenaphthene-d10	9.945

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	58
2		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	53
3		Heptacosane	380	C27H56	000593-49-7	52
4		Tridecane	184	C13H28	000629-50-5	52
5		Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	49



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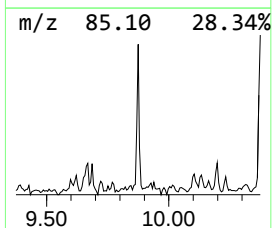
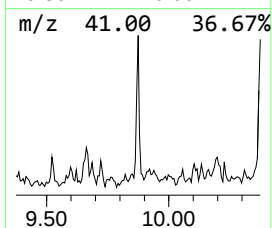
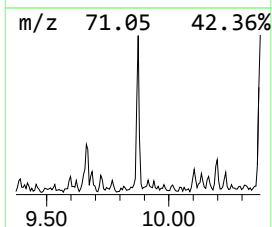
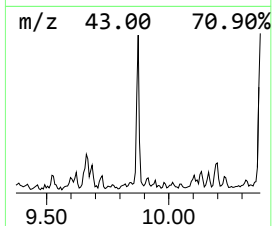
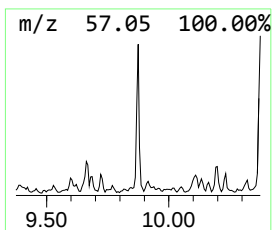
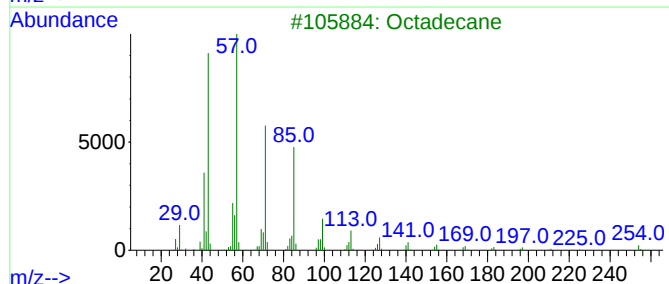
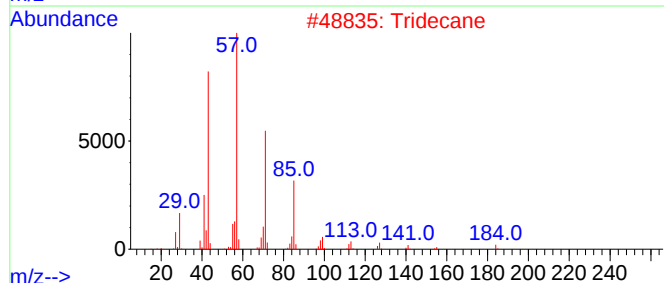
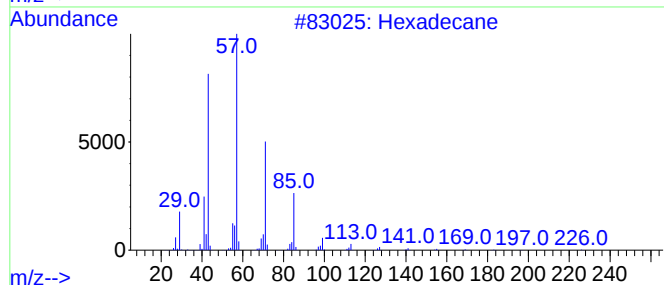
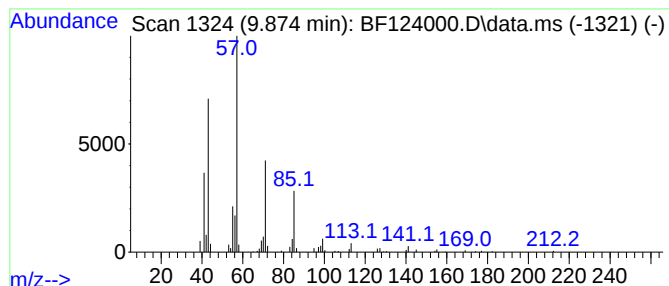
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.874	10.61 ng	223374	Acenaphthene-d10	9.945

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	87
2			Tridecane	184	C13H28	000629-50-5	80
3			Octadecane	254	C18H38	000593-45-3	80
4			Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	59
5			Nonane, 5-butyl-	184	C13H28	017312-63-9	59



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Operator : JU/CG
Sample : M2438-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

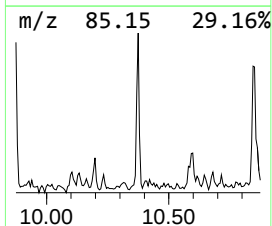
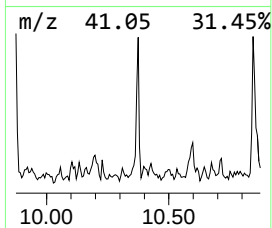
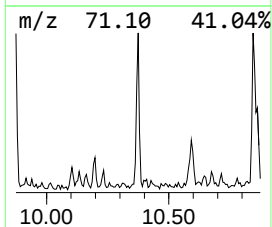
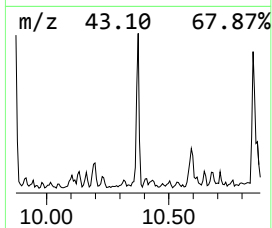
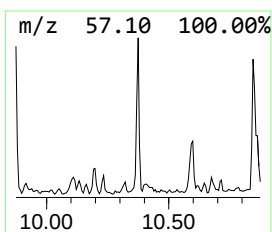
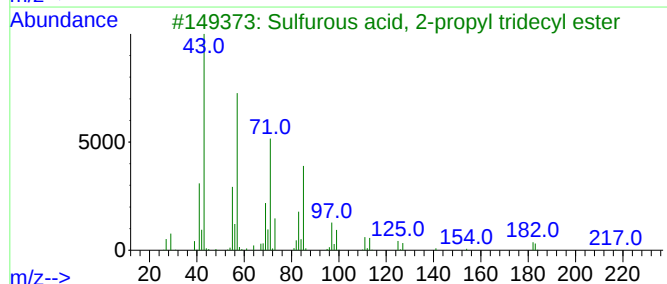
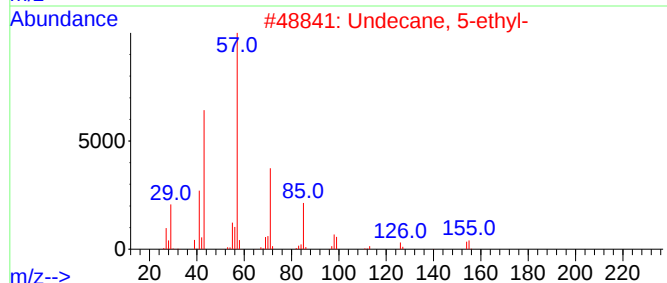
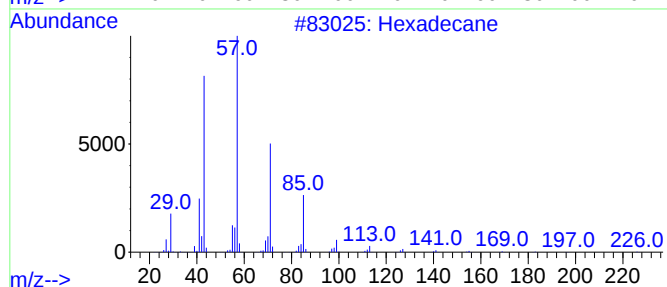
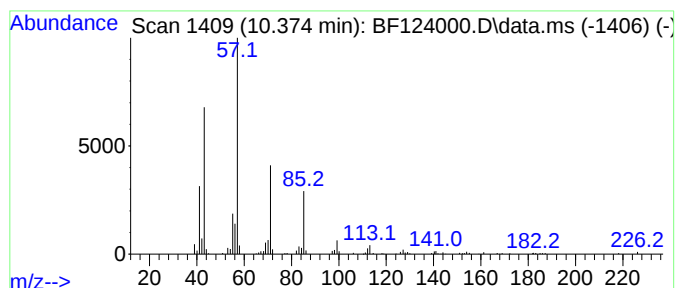
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ClientSampleId :
PL-02-051821

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Undecane, 5-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.374	11.05 ng	232658	Acenaphthene-d10	9.945	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Undecane, 5-ethyl-	184	C13H28	017453-94-0	72
3	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	64
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
Data File : BF124000.D
Acq On : 19 May 2021 20:37
Operator : JU/CG
Sample : M2438-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-051821

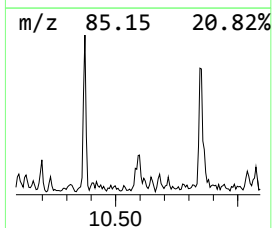
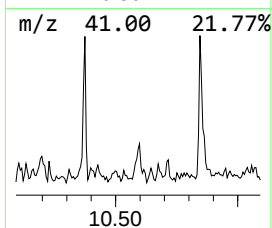
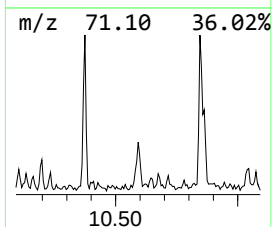
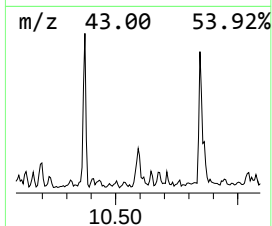
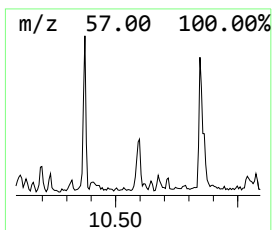
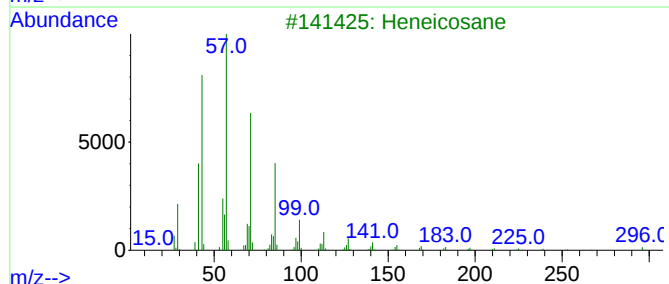
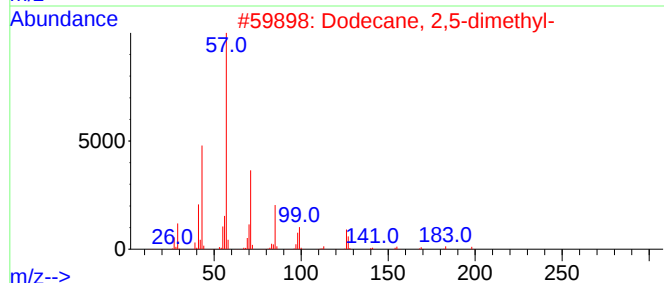
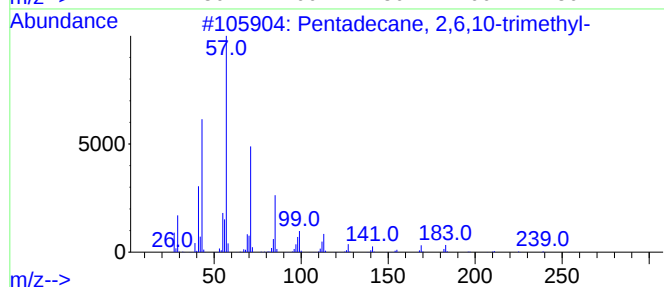
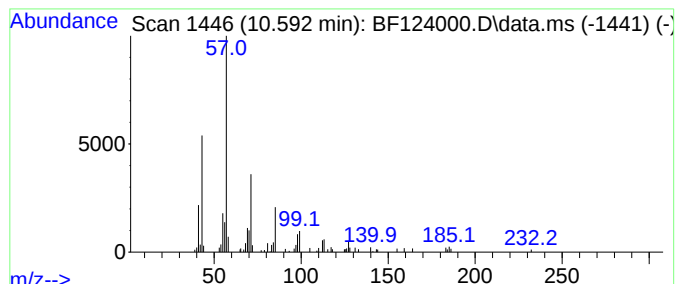
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentadecane, 2,6,10-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.592	6.17 ng	130019	Acenaphthene-d10	9.945

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
2			Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	64
3			Heneicosane	296	C21H44	000629-94-7	64
4			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	64
5			Heptadecane	240	C17H36	000629-78-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
Data File : BF124000.D
Acq On : 19 May 2021 20:37
Operator : JU/CG
Sample : M2438-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-051821

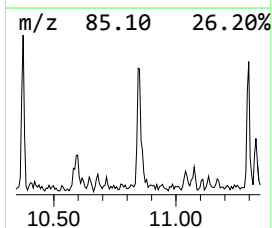
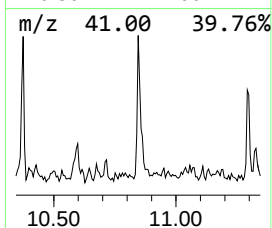
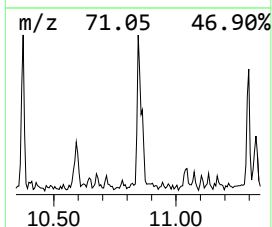
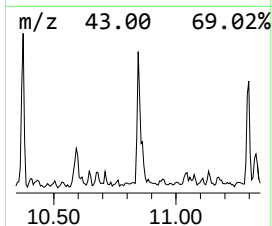
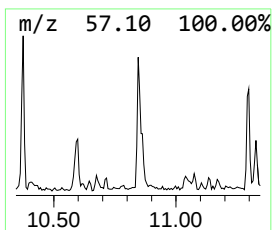
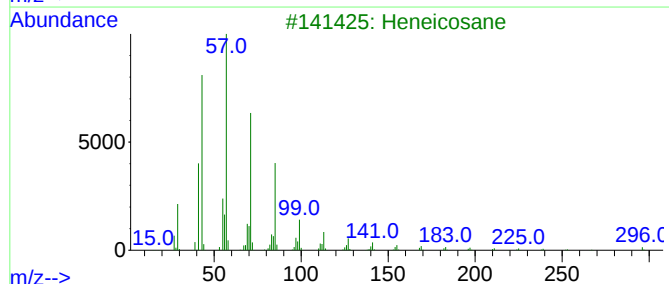
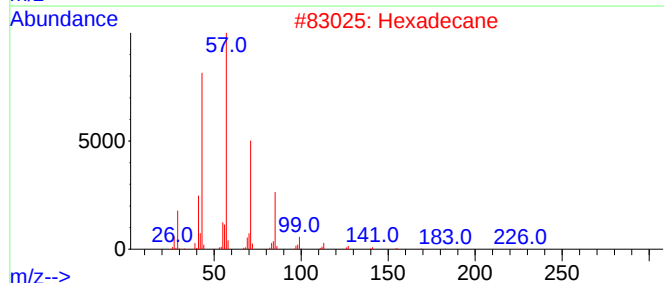
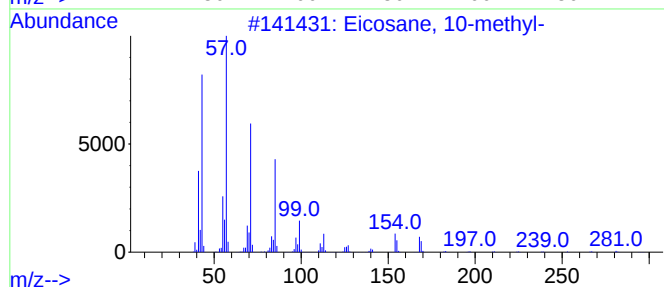
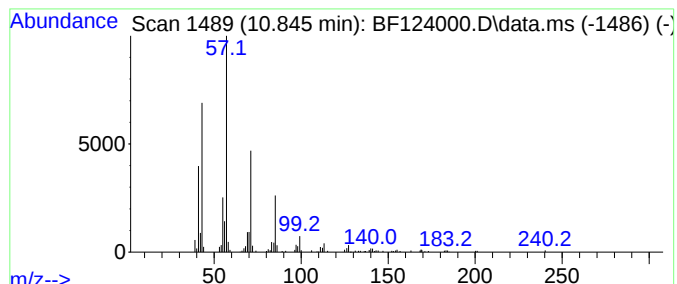
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane, 10-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.845	17.17 ng	343368	Phenanthrene-d10	11.433

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Tridecane	184	C13H28	000629-50-5	86
5		Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
Data File : BF124000.D
Acq On : 19 May 2021 20:37
Operator : JU/CG
Sample : M2438-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-02-051821

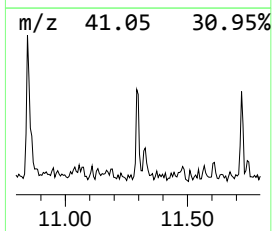
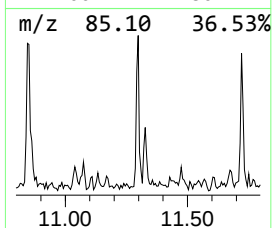
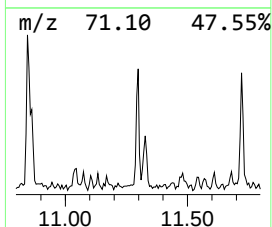
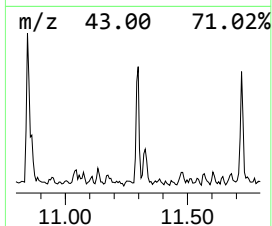
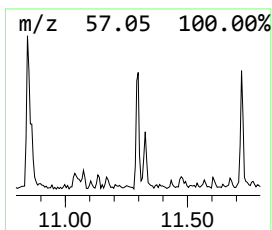
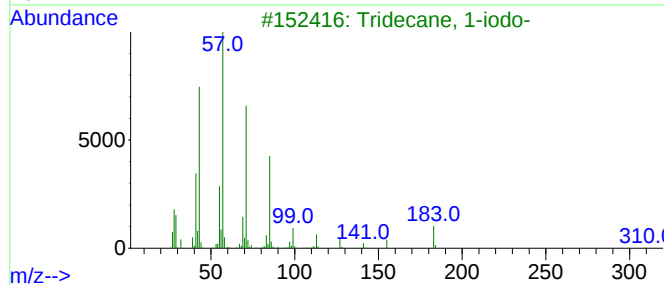
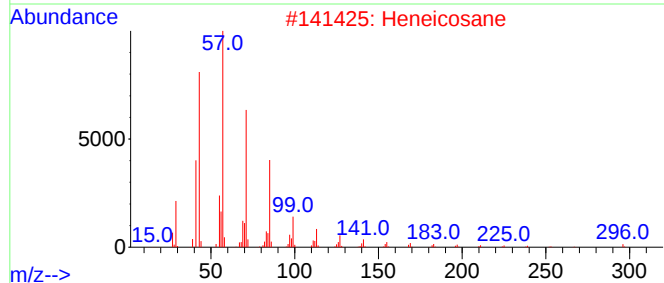
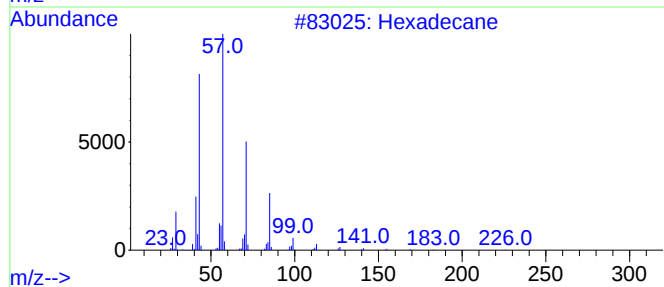
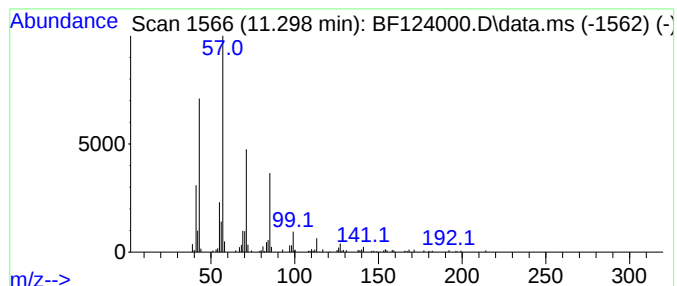
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.298	9.30 ng	185937	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Heneicosane	296	C21H44	000629-94-7	86
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4			Octacosane	394	C28H58	000630-02-4	86
5			Tetratetracontane	619	C44H90	007098-22-8	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
Data File : BF124000.D
Acq On : 19 May 2021 20:37
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Sample : M2438-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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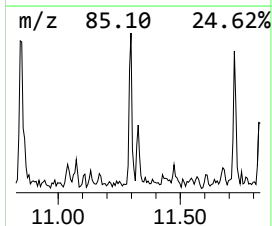
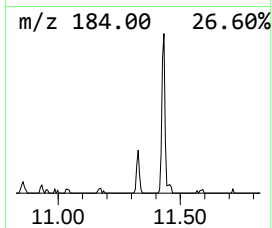
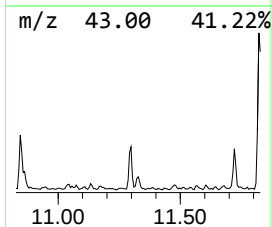
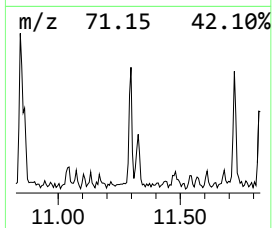
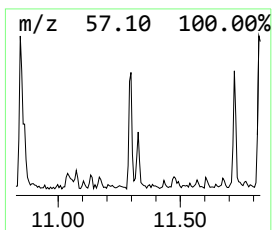
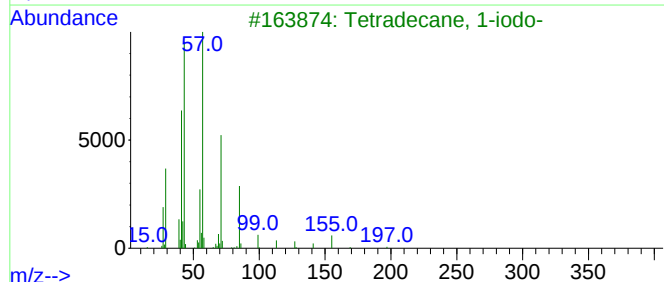
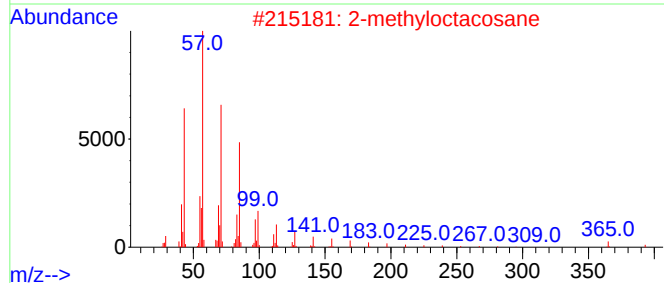
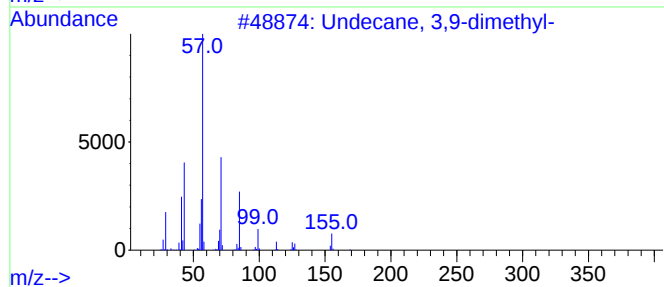
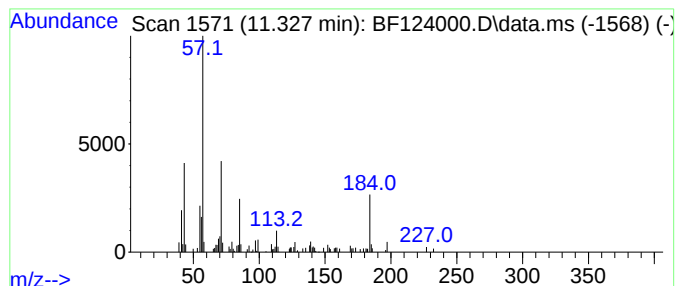
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Undecane, 3,9-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.327	6.00 ng	120014	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	50
2			2-methyloctacosane	408	C29H60	1000376-72-8	50
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	50
4			3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	49
5			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
Data File : BF124000.D
Acq On : 19 May 2021 20:37
Operator : JU/CG
Sample : M2438-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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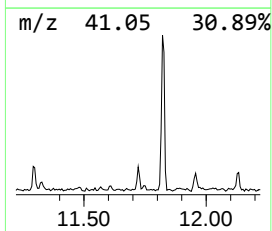
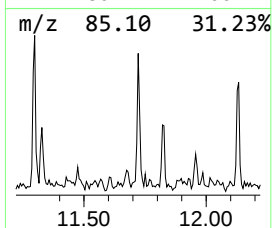
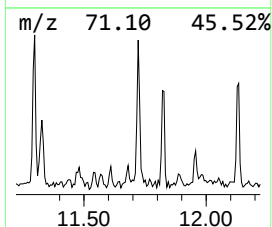
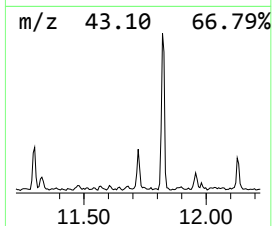
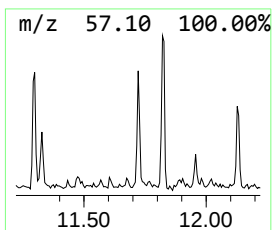
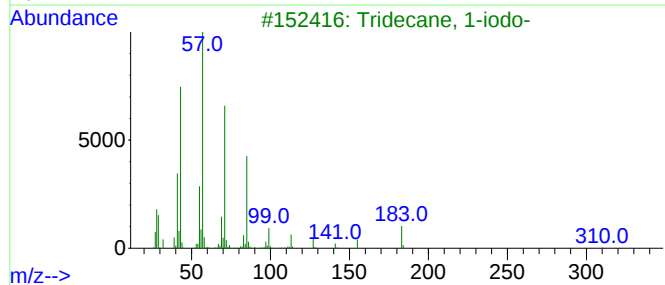
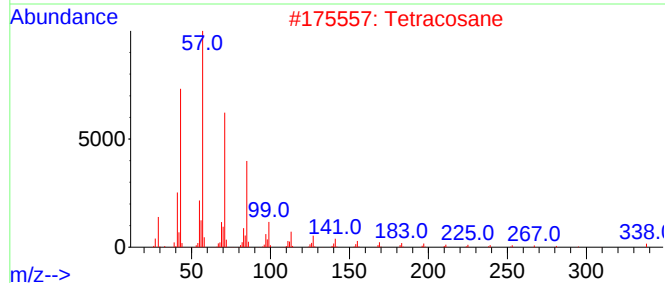
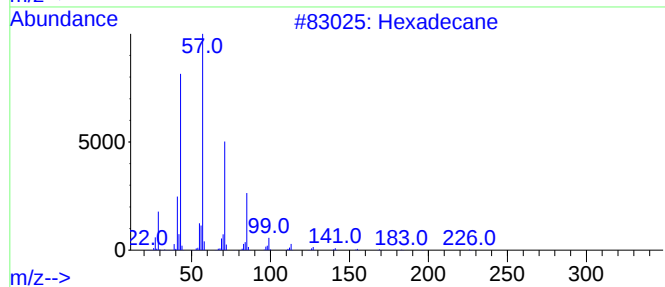
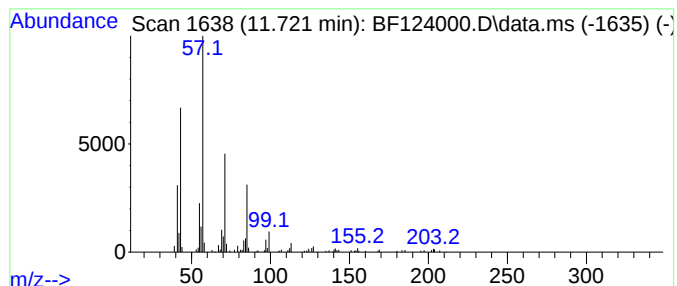
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.721	8.48 ng	169449	Phenanthrene-d10	11.433

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	91
2		Tetracosane	338	C24H50	000646-31-1	90
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4		Heneicosane	296	C21H44	000629-94-7	86
5		Octacosane	394	C28H58	000630-02-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
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Acq On : 19 May 2021 20:37
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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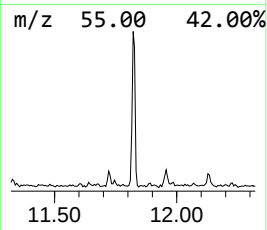
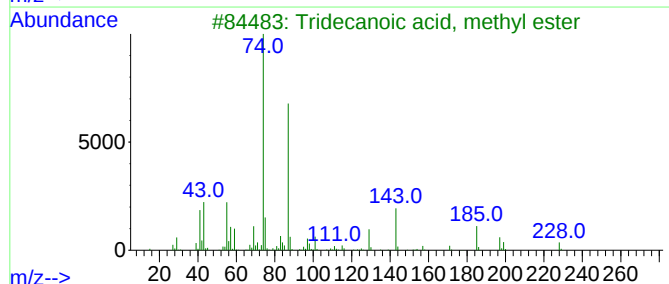
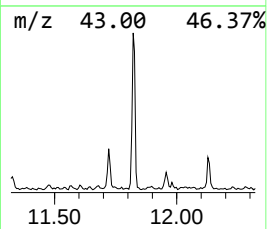
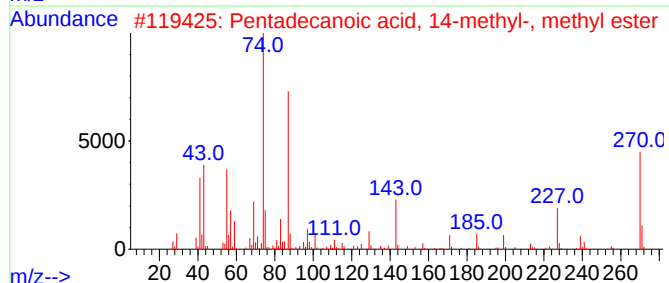
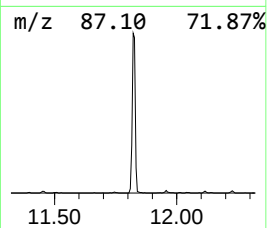
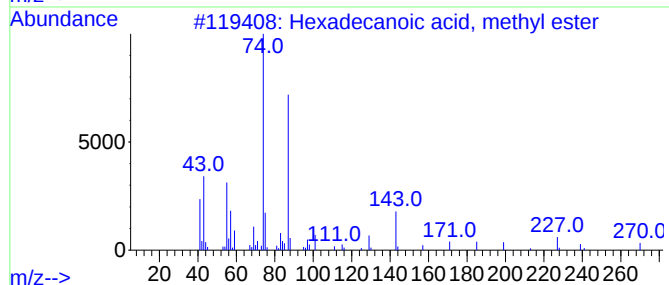
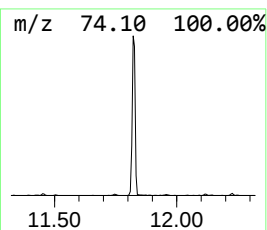
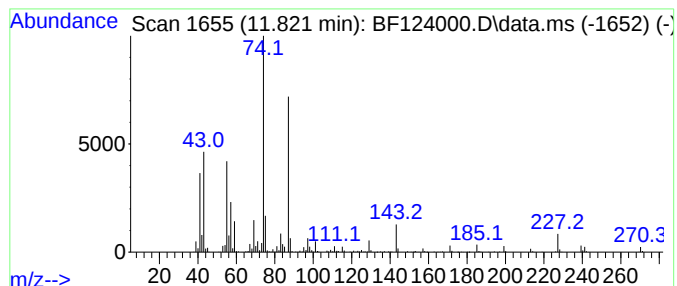
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.821	69.30 ng	1385560	Phenanthrene-d10	11.433

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	95
4		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	91
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
Data File : BF124000.D
Acq On : 19 May 2021 20:37
Operator : JU/CG
Sample : M2438-01 5X
Misc :
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ClientSampleId :
PL-02-051821

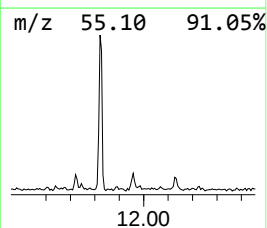
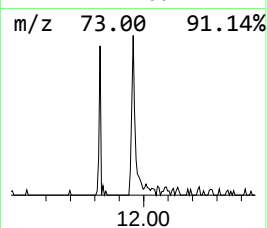
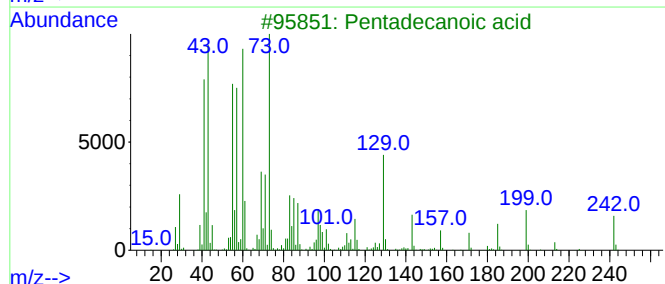
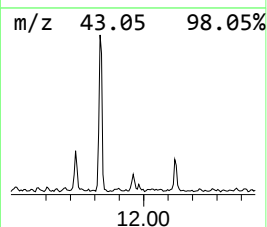
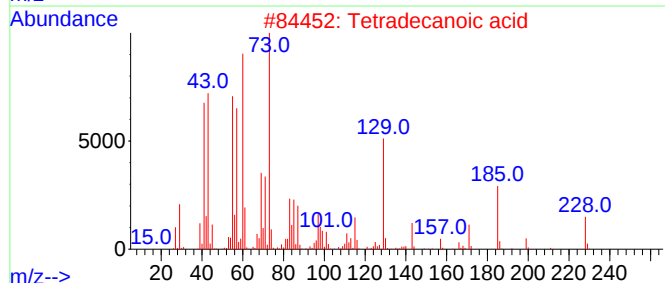
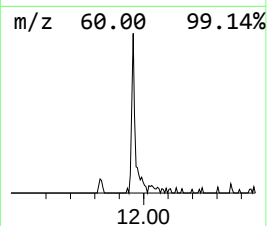
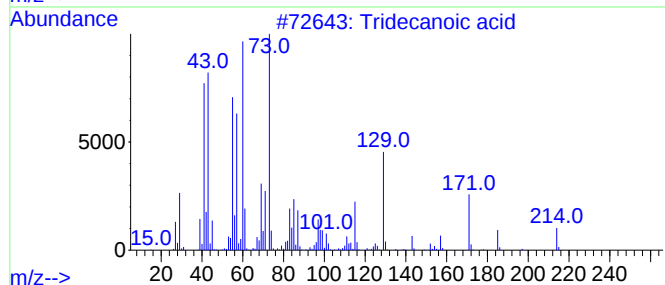
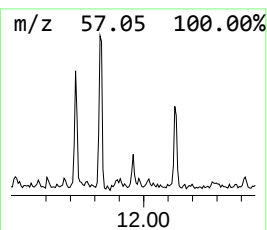
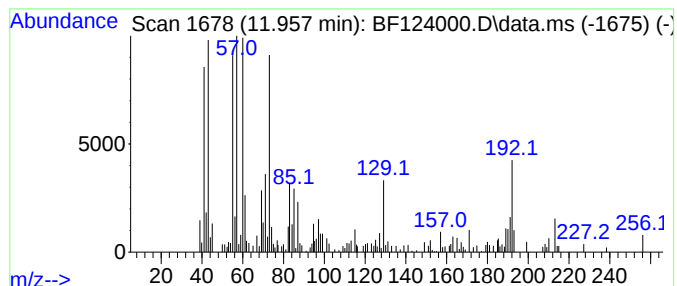
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tridecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	8.07 ng	161281	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	89
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	59
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	53
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53
5			Undecanoic acid	186	C11H22O2	000112-37-8	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
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ClientSampleId :
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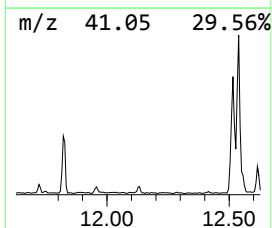
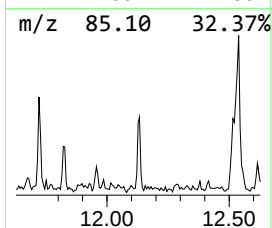
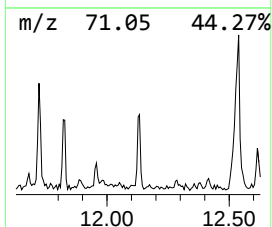
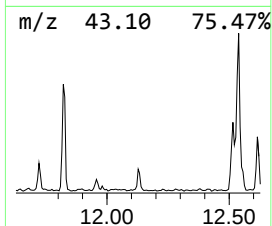
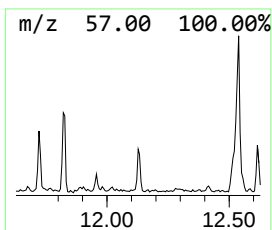
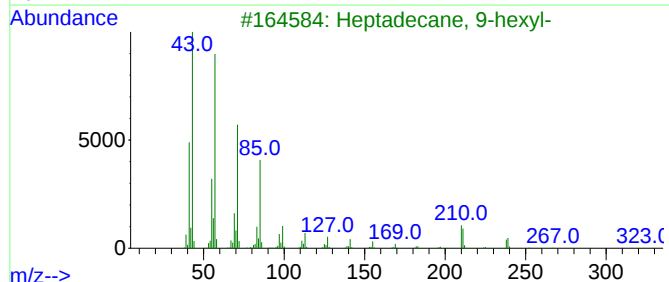
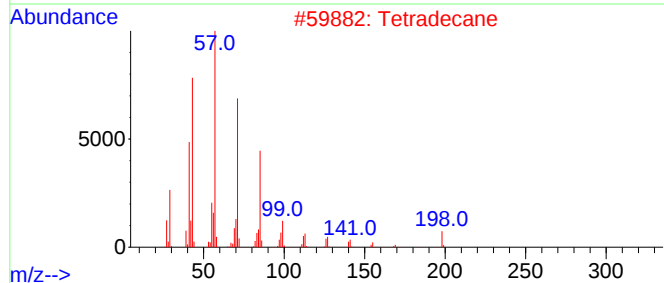
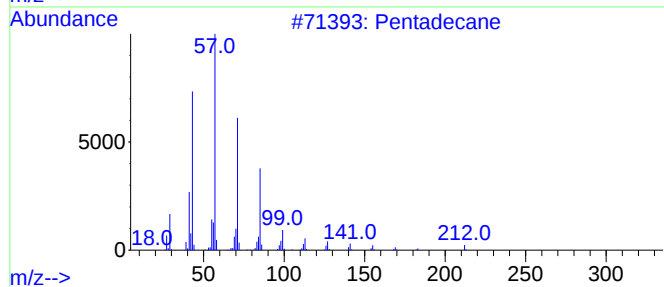
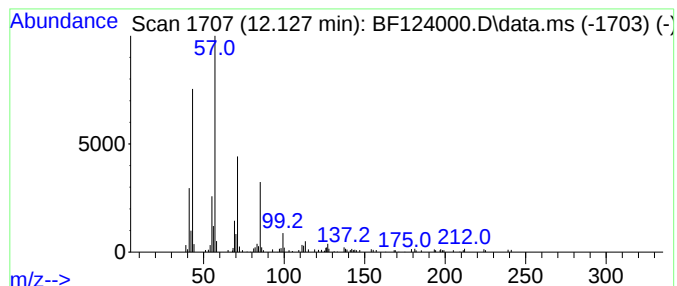
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.127	7.96 ng	159100	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	83
2			Tetradecane	198	C14H30	000629-59-4	81
3			Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	80
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5			Hexadecane, 3-methyl-	240	C17H36	006418-43-5	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
Data File : BF124000.D
Acq On : 19 May 2021 20:37
Operator : JU/CG
Sample : M2438-01 5X
Misc :
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PL-02-051821

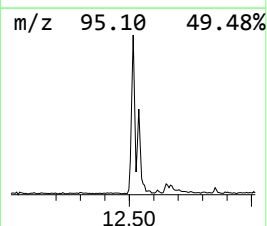
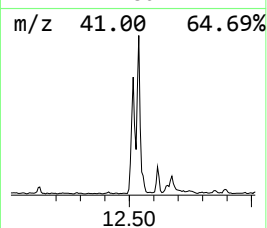
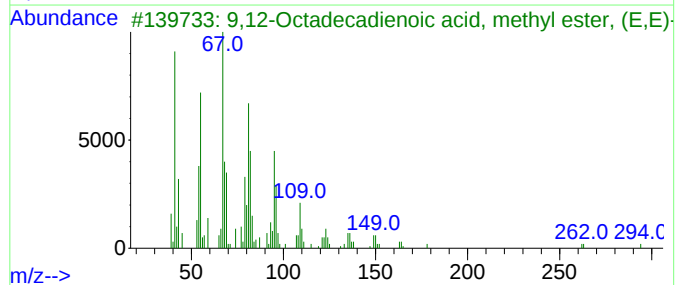
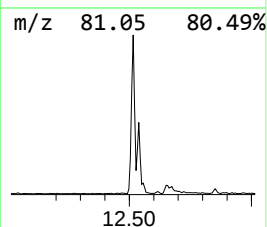
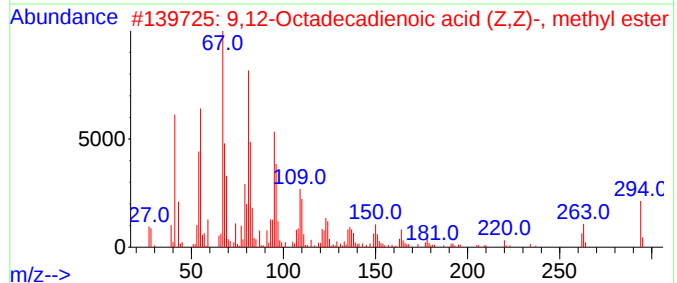
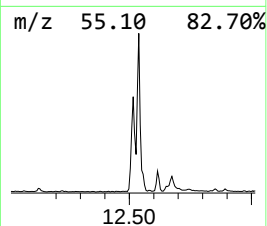
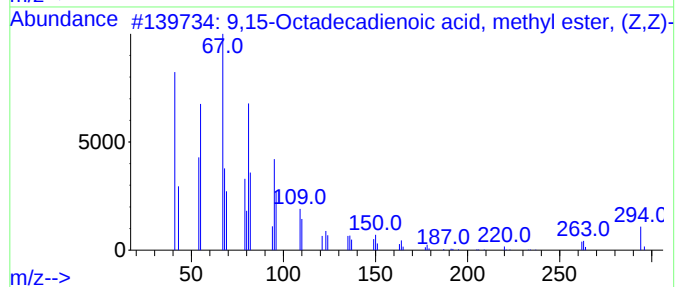
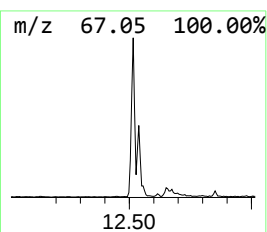
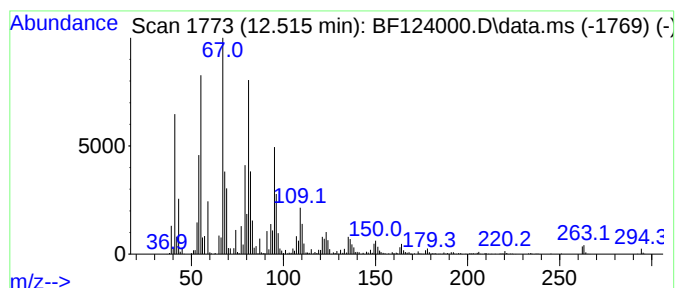
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,15-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.515	184.07 ng	3680370	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99		
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99		
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99		
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99		
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
Data File : BF124000.D
Acq On : 19 May 2021 20:37
Operator : JU/CG
Sample : M2438-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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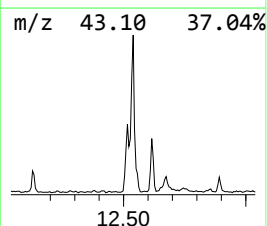
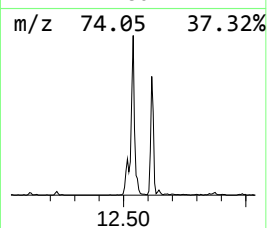
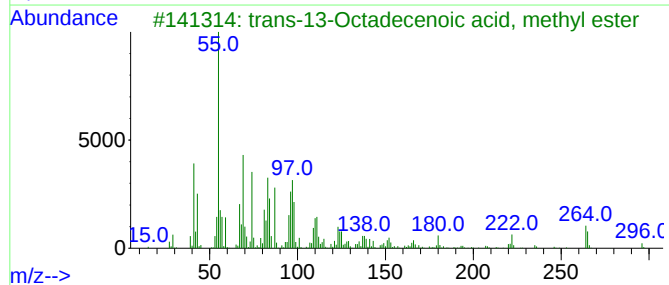
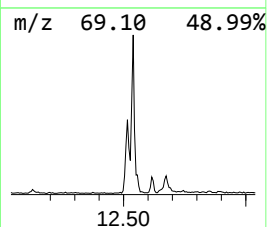
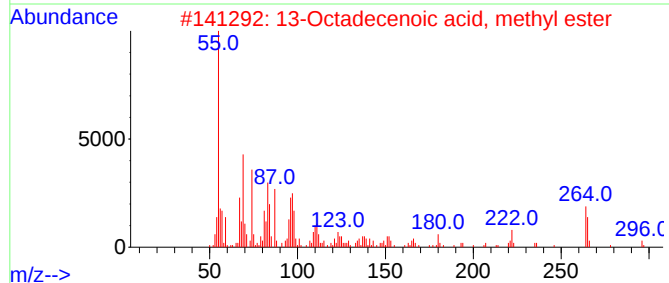
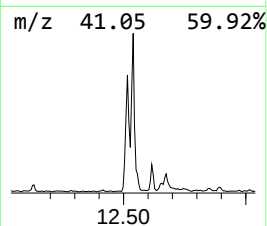
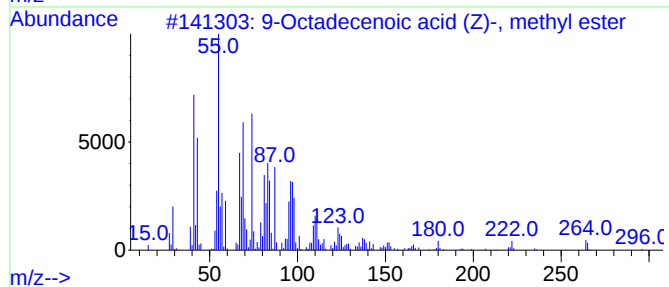
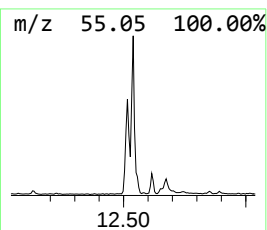
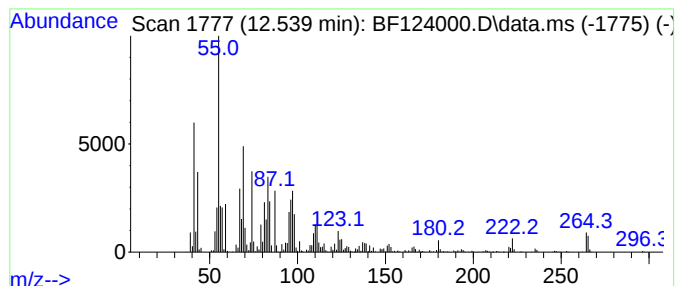
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.539	194.76 ng	3893940	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	98
2			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	98
3			trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	93
4			11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	93
5			9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
Data File : BF124000.D
Acq On : 19 May 2021 20:37
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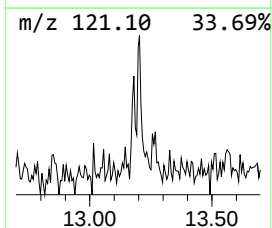
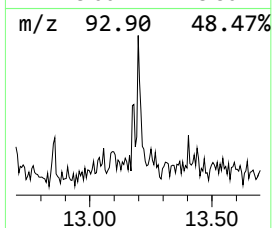
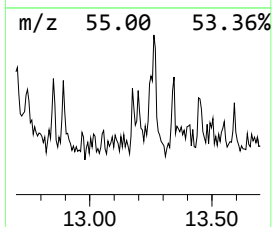
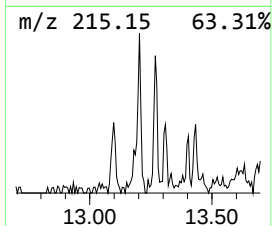
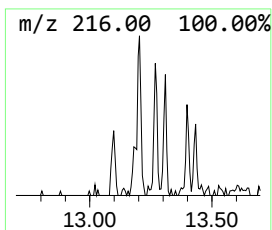
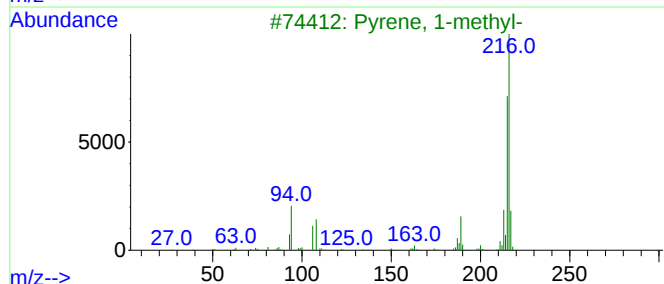
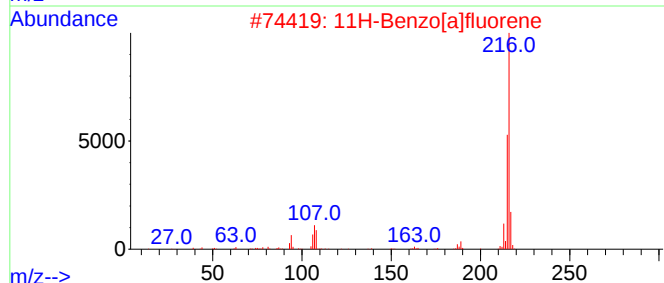
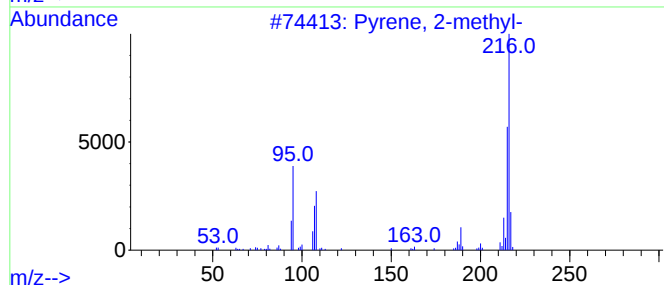
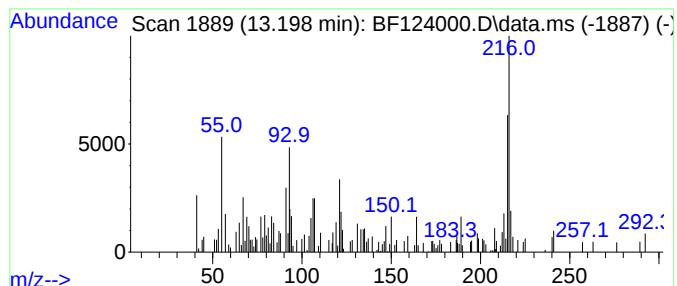
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Pyrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.198	7.74 ng	163748	Chrysene-d12	14.074

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	60
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	53
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
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Acq On : 19 May 2021 20:37
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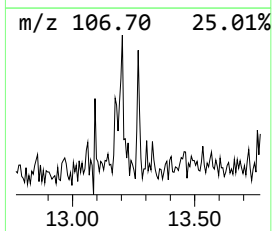
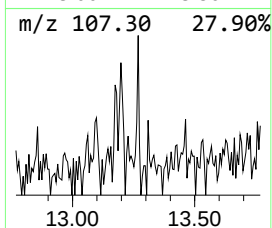
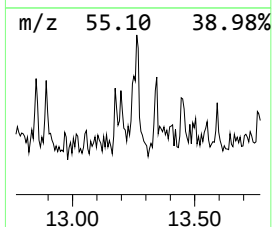
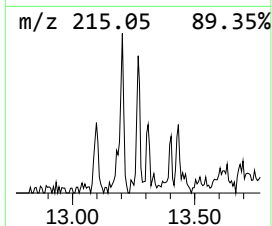
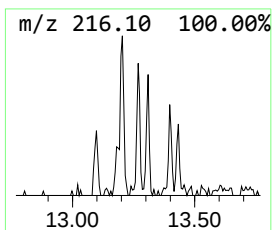
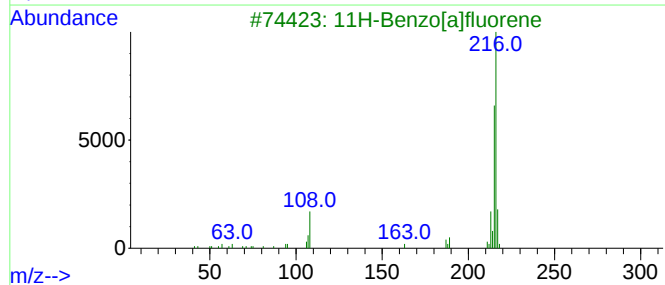
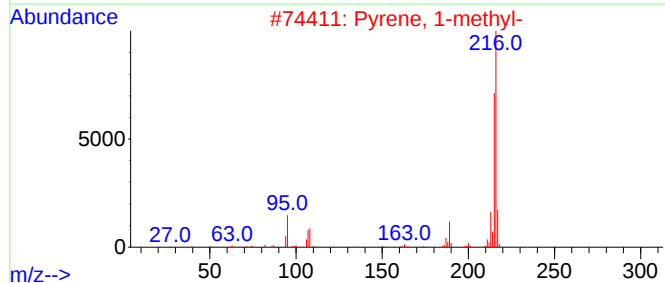
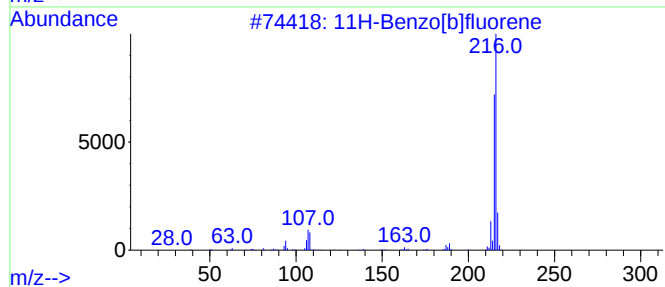
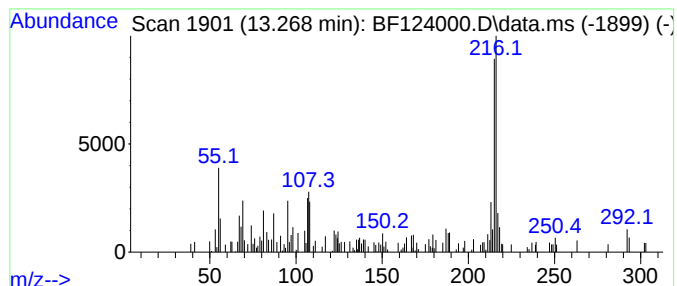
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.268	5.98 ng	126494	Chrysene-d12	14.074

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
4		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	58
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
Data File : BF124000.D
Acq On : 19 May 2021 20:37
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ClientSampleId :
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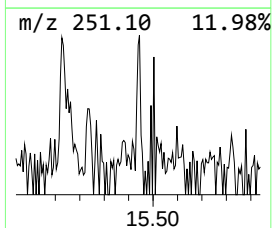
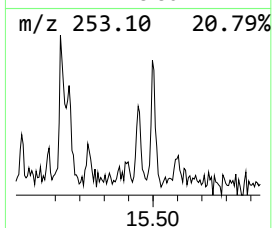
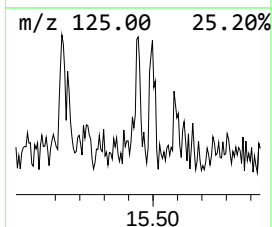
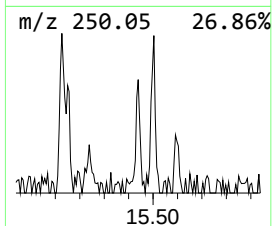
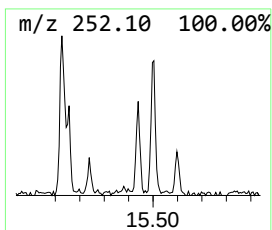
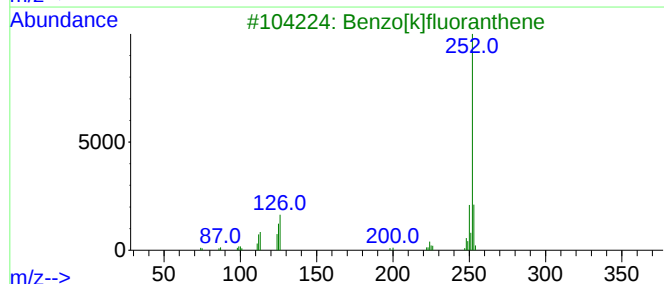
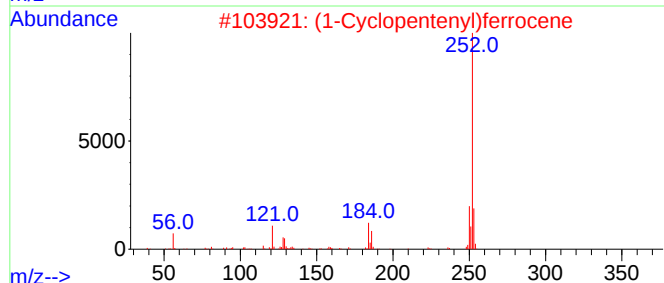
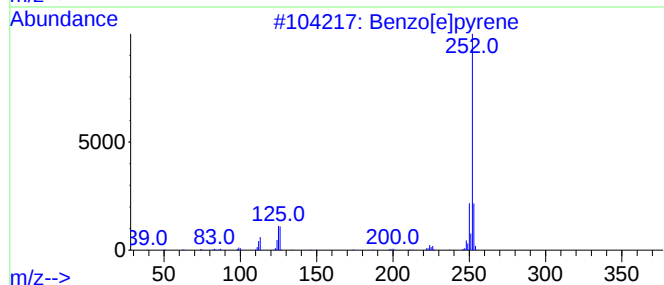
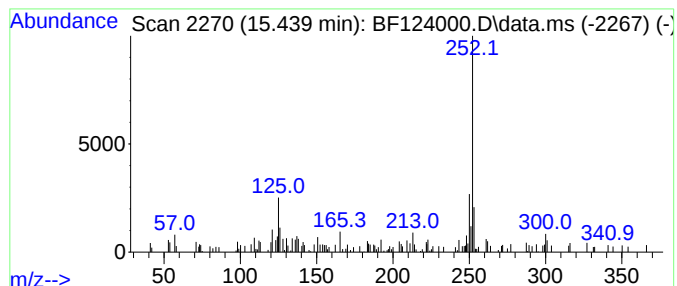
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.439	7.61 ng	80562	Perylene-d12	15.568

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	83
2			(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	76
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	64
4			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	58
5			Perylene	252	C20H12	000198-55-0	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
Data File : BF124000.D
Acq On : 19 May 2021 20:37
Operator : JU/CG
Sample : M2438-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-051821

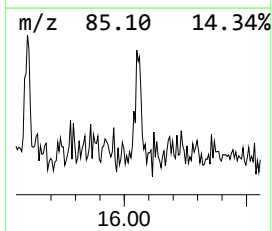
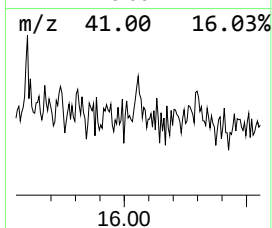
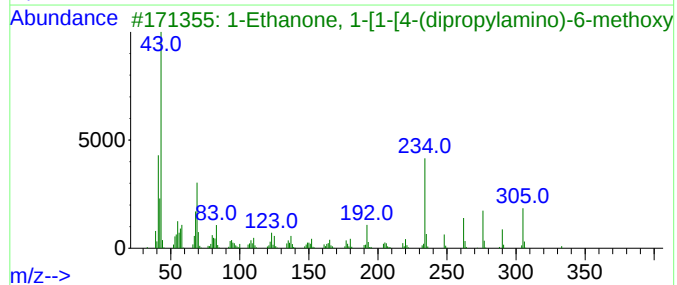
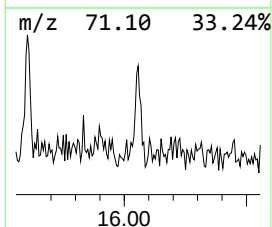
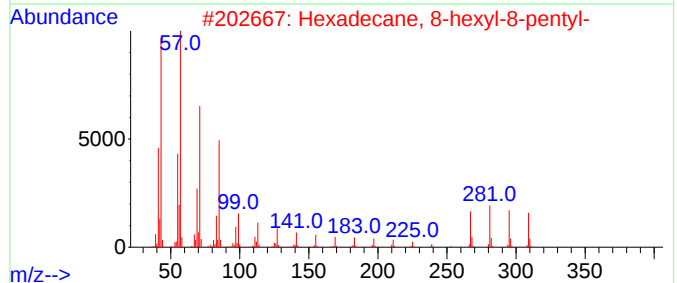
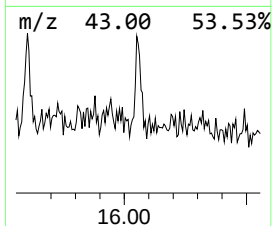
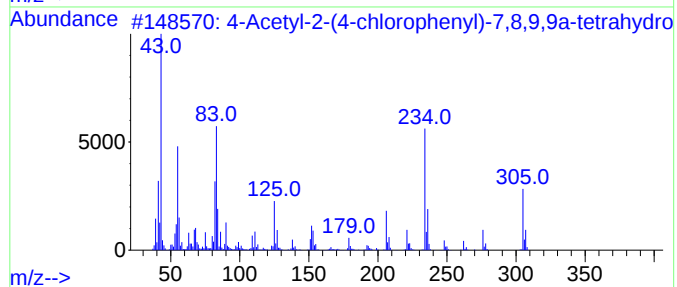
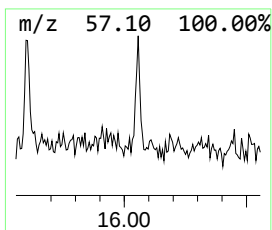
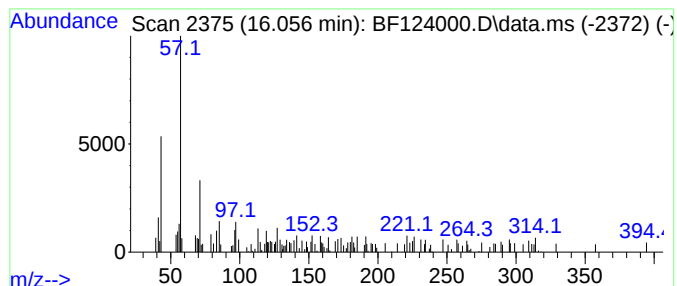
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown16.056 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.056	5.66 ng	59925	Perylene-d12	15.568

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Acetyl-2-(4-chlorophenyl)-7,8,...	305	C15H16ClN3O2	139456-27-2	9		
2	Hexadecane, 8-hexyl-8-pentyl-	380	C27H56	055282-29-6	9		
3	1-Ethanone, 1-[1-[4-(dipropylami...	333	C15H23N7O2	1000319-79-2	4		
4	1-Hexene, 1,1-dibromo-5-methyl-(...	369	C12H21Br2NO2	1000162-35-9	2		
5	N-[t-Butoxycarbonyl]-l-cvstine m...	468	C18H32N2O8S2	1000211-85-7	1		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
Data File : BF124000.D
Acq On : 19 May 2021 20:37
Operator : JU/CG
Sample : M2438-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-051821

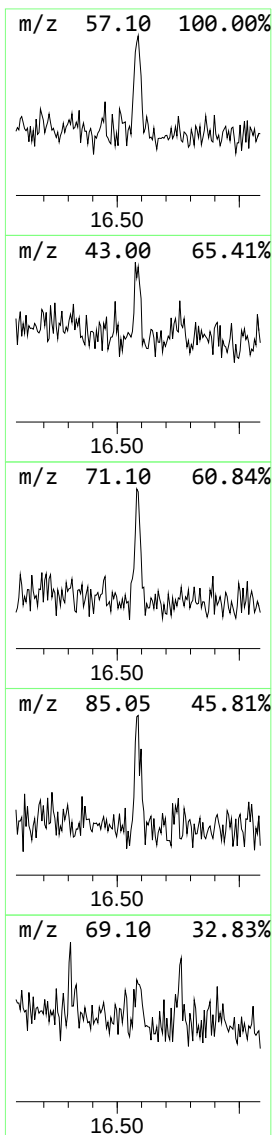
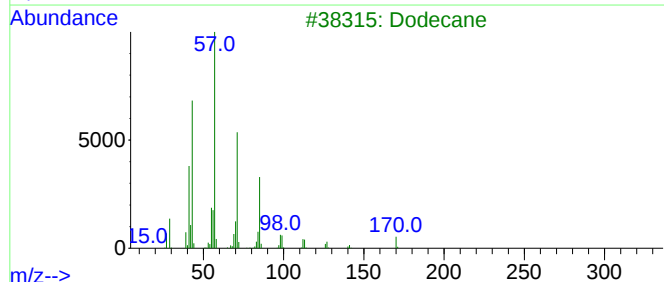
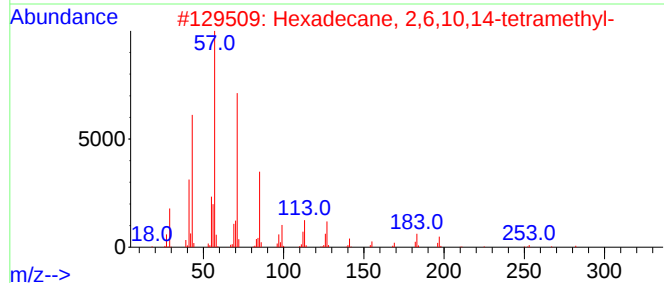
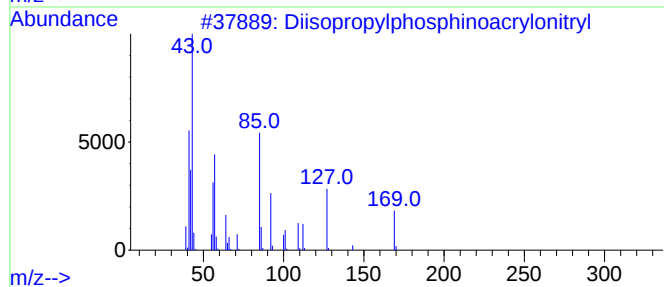
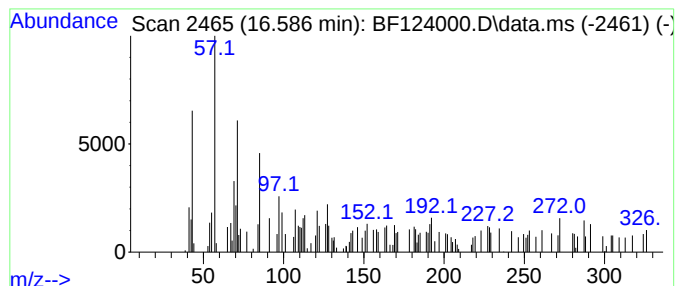
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown16.586 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.586	7.04 ng	74491	Perylene-d12	15.568

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Diisopropylphosphinoacrylonitril	169	C9H16NP	077376-94-4	30
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	27
3		Dodecane	170	C12H26	000112-40-3	18
4		Tricosane	324	C23H48	000638-67-5	18
5		Tridecane	184	C13H28	000629-50-5	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
 Data File : BF124000.D
 Acq On : 19 May 2021 20:37
 Operator : JU/CG
 Sample : M2438-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-051821

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.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-metho...	2.122	6.4	ng	104093	1	6.904	325704	20.0
Hexadecane	9.345	9.4	ng	198984	3	9.945	421184	20.0
Heptadecane, 2,...	9.663	5.8	ng	121269	3	9.945	421184	20.0
Tridecane	9.874	10.6	ng	223374	3	9.945	421184	20.0
Undecane, 5-ethyl-	10.374	11.1	ng	232658	3	9.945	421184	20.0
Pentadecane, 2,...	10.592	6.2	ng	130019	3	9.945	421184	20.0
Eicosane, 10-me...	10.845	17.2	ng	343368	4	11.433	399879	20.0
Heneicosane	11.298	9.3	ng	185937	4	11.433	399879	20.0
Undecane, 3,9-d...	11.327	6.0	ng	120014	4	11.433	399879	20.0
Tetracosane	11.721	8.5	ng	169449	4	11.433	399879	20.0
Hexadecanoic ac...	11.821	69.3	ng	1385560	4	11.433	399879	20.0
Tridecanoic acid	11.957	8.1	ng	161281	4	11.433	399879	20.0
Pentadecane	12.127	8.0	ng	159100	4	11.433	399879	20.0
9,15-Octadecadi...	12.515	184.1	ng	3680370	4	11.433	399879	20.0
9-Octadecenoic ...	12.539	194.8	ng	3893940	4	11.433	399879	20.0
Pyrene, 2-methyl-	13.198	7.7	ng	163748	5	14.074	423202	20.0
11H-Benzo[b]flu...	13.268	6.0	ng	126494	5	14.074	423202	20.0
Benzo[e]pyrene	15.439	7.6	ng	80562	6	15.568	211762	20.0
unknown16.056	16.056	5.7	ng	59925	6	15.568	211762	20.0
unknown16.586	16.586	7.0	ng	74491	6	15.568	211762	20.0