

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
 Data File : BF141936.D
 Acq On : 12 Mar 2025 12:45
 Operator : RC/JU
 Sample : Q1534-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-363-COMP-17

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-BF031025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141936.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	4	12	20	rBV	1334803	2139512	55.51%	5.726%
2	5.498	572	579	584	rBV	2039554	2821740	73.21%	7.552%
3	6.498	743	749	768	rVB	2064758	2799046	72.62%	7.491%
4	6.881	809	814	819	rBV	779876	948126	24.60%	2.537%
5	7.439	903	909	914	rBV	1482821	1919976	49.81%	5.138%
6	7.692	947	952	963	rVB	69716	92737	2.41%	0.248%
7	8.157	1026	1031	1050	rVB	976491	1334899	34.63%	3.573%
8	8.375	1063	1068	1076	rVB	28710	39844	1.03%	0.107%
9	9.233	1208	1214	1219	rBV	3122259	3854348	100.00%	10.315%
10	9.775	1301	1306	1312	rBV	40282	53194	1.38%	0.142%
11	9.910	1322	1329	1334	rBV	1070263	1414585	36.70%	3.786%
12	10.116	1358	1364	1367	rBV3	28567	42147	1.09%	0.113%
13	10.322	1394	1399	1405	rBV4	22130	48165	1.25%	0.129%
14	10.457	1418	1422	1428	rVB2	37714	55737	1.45%	0.149%
15	10.622	1445	1450	1457	rVB	417317	552837	14.34%	1.480%
16	10.698	1457	1463	1475	rVV	1859752	2361933	61.28%	6.321%
17	10.822	1479	1484	1490	rVB4	36440	56053	1.45%	0.150%
18	11.004	1507	1515	1518	rBV4	24556	51687	1.34%	0.138%
19	11.198	1545	1548	1553	rVB	34168	43185	1.12%	0.116%
20	11.292	1561	1564	1568	rVB	38715	49681	1.29%	0.133%
21	11.398	1577	1582	1585	rBV	1002429	1468882	38.11%	3.931%
22	11.627	1615	1621	1628	rBV2	39091	82178	2.13%	0.220%
23	11.692	1628	1632	1635	rVV2	33434	51715	1.34%	0.138%
24	11.727	1635	1638	1643	rVB	46102	59510	1.54%	0.159%
25	11.921	1662	1671	1678	rVV2	861940	1417618	36.78%	3.794%
26	12.010	1682	1686	1695	rVB	190111	385625	10.00%	1.032%
27	12.098	1695	1701	1704	rBV6	39278	75395	1.96%	0.202%
28	12.192	1711	1717	1719	rBV	79736	130771	3.39%	0.350%
29	12.216	1719	1721	1728	rVB2	99319	124307	3.23%	0.333%
30	12.345	1736	1743	1745	rBV2	38923	72783	1.89%	0.195%
31	12.445	1756	1760	1764	rBV	114498	159609	4.14%	0.427%
32	12.480	1764	1766	1772	rVV2	57799	83836	2.18%	0.224%
33	12.533	1772	1775	1783	rVB4	65012	94496	2.45%	0.253%
34	12.610	1783	1788	1800	rBV	811463	1224671	31.77%	3.278%
35	12.704	1800	1804	1812	rBV2	187970	266685	6.92%	0.714%
36	12.839	1820	1827	1833	rBV	708536	1003473	26.03%	2.686%

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37	12.892	1833	1836	1840	rVB2	52920	73385	1.90%	0.196%
38	12.980	1843	1851	1858	rVB	2332907	3024617	78.47%	8.095%
39	13.057	1859	1864	1871	rBV3	80449	154982	4.02%	0.415%
40	13.163	1875	1882	1886	rVB	101888	208090	5.40%	0.557%
41	13.233	1891	1894	1896	rVV	43570	52382	1.36%	0.140%
42	13.268	1896	1900	1908	rVB2	84360	119159	3.09%	0.319%
43	13.363	1913	1916	1918	rBV	51786	55747	1.45%	0.149%
44	13.392	1918	1921	1925	rVB	55696	61101	1.59%	0.164%
45	13.521	1939	1943	1946	rBV	71138	110124	2.86%	0.295%
46	13.668	1965	1968	1974	rVB	89163	133758	3.47%	0.358%
47	13.780	1982	1987	1990	rBV2	85257	147623	3.83%	0.395%
48	13.880	1999	2004	2014	rVB3	223144	413765	10.74%	1.107%
49	14.033	2023	2030	2042	rBV2	937042	1892802	49.11%	5.066%
50	14.421	2092	2096	2099	rBV	59388	74774	1.94%	0.200%
51	14.457	2099	2102	2105	rVB2	52524	60872	1.58%	0.163%
52	14.510	2108	2111	2114	rBV3	48448	73772	1.91%	0.197%
53	14.886	2172	2175	2183	rVB3	111161	173609	4.50%	0.465%
54	15.074	2202	2207	2216	rBV	308414	679674	17.63%	1.819%
55	15.151	2218	2220	2223	rVV	44778	62041	1.61%	0.166%
56	15.186	2223	2226	2237	rVB2	86015	168273	4.37%	0.450%
57	15.380	2255	2259	2264	rVB	175243	259396	6.73%	0.694%
58	15.439	2265	2269	2275	rVB	232134	348663	9.05%	0.933%
59	15.509	2275	2281	2293	rBV	649849	1143281	29.66%	3.060%
60	15.986	2359	2362	2367	rVB2	58542	86465	2.24%	0.231%
61	16.986	2526	2532	2540	rVB2	99359	216986	5.63%	0.581%
62	17.433	2603	2608	2621	rVB	84022	189277	4.91%	0.507%

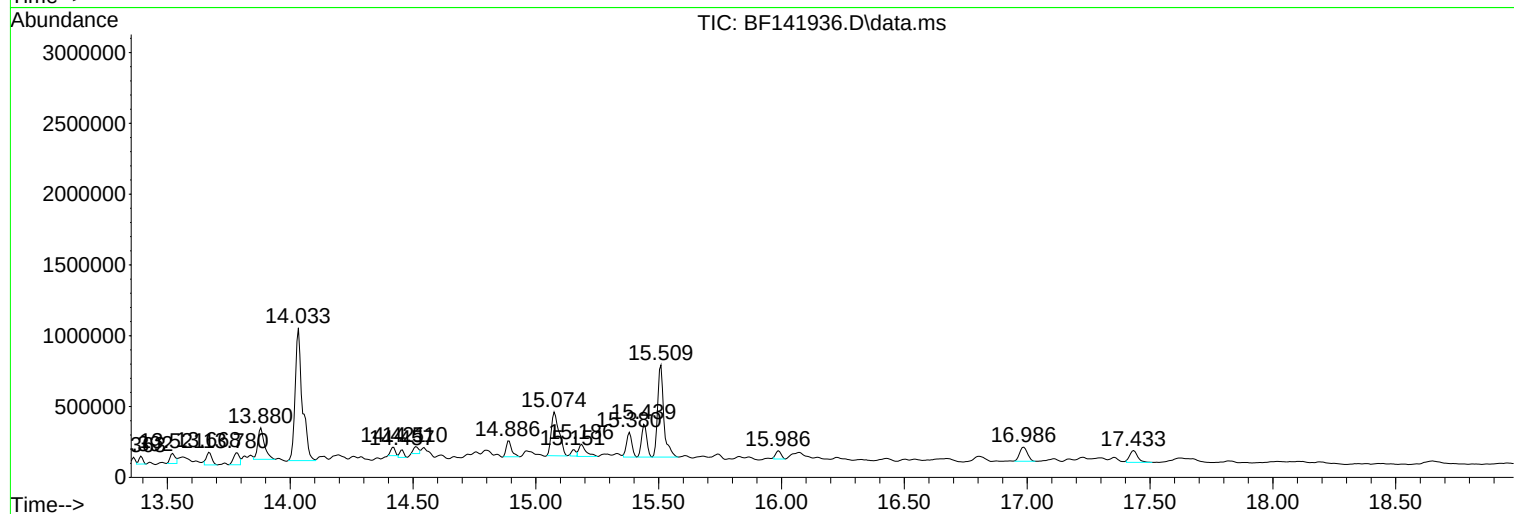
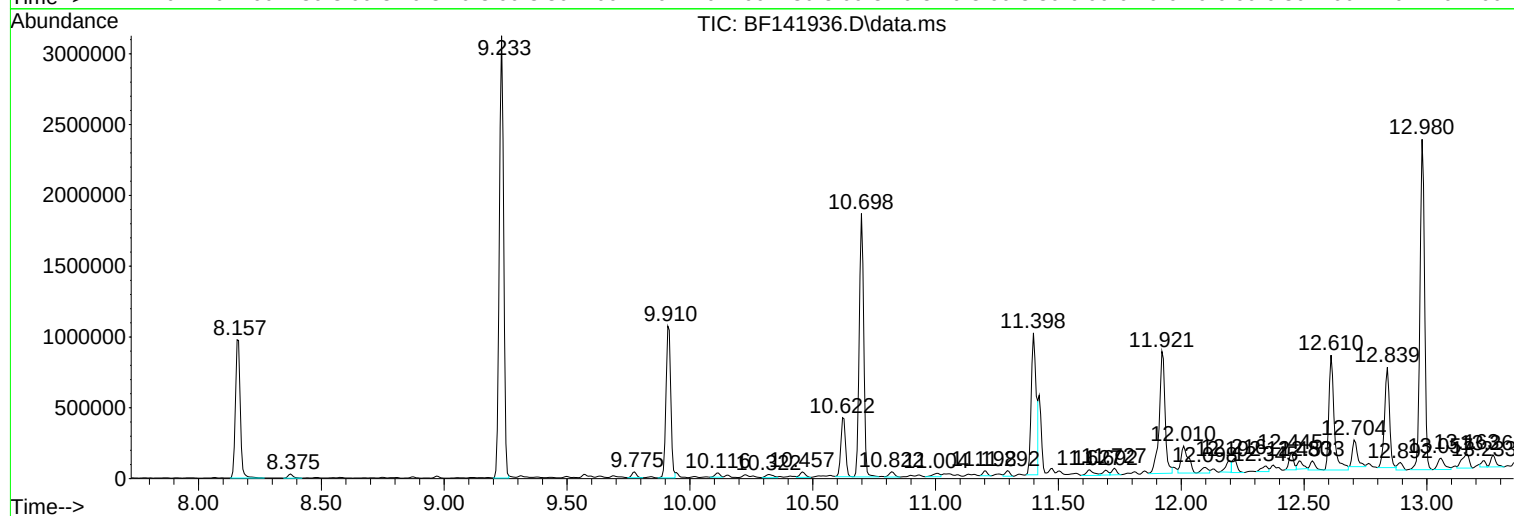
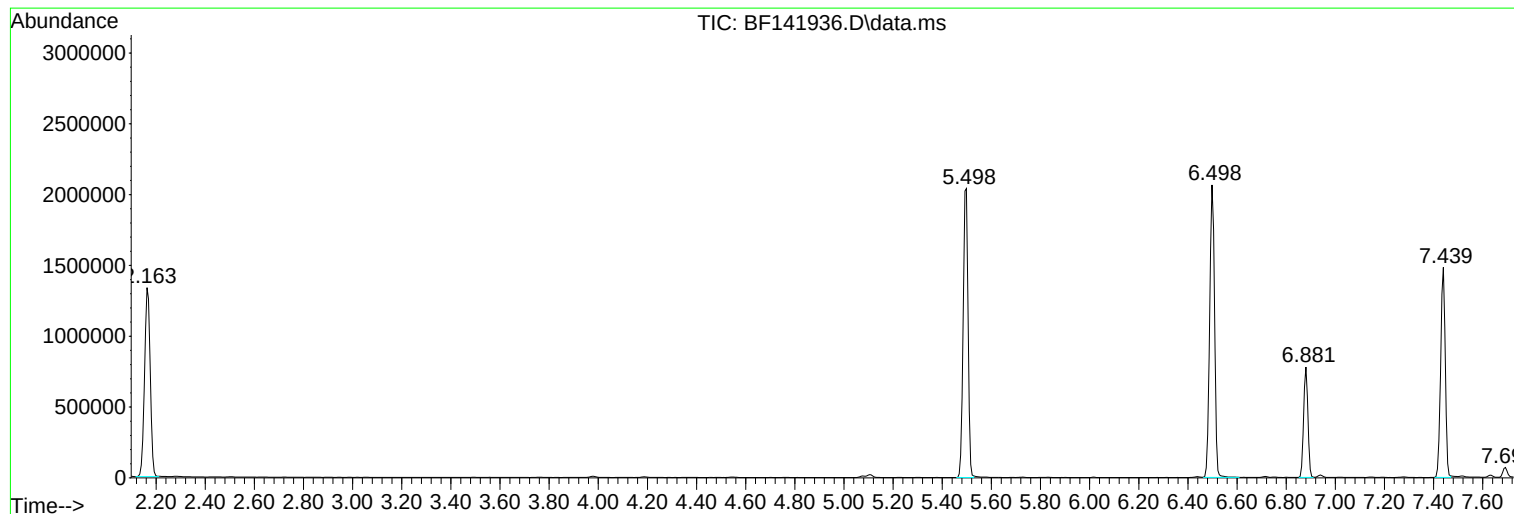
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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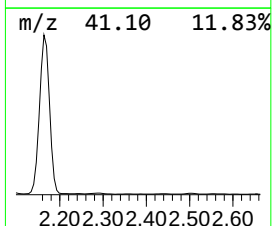
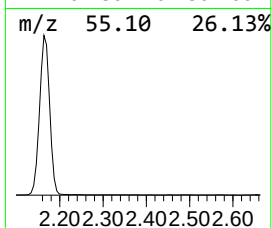
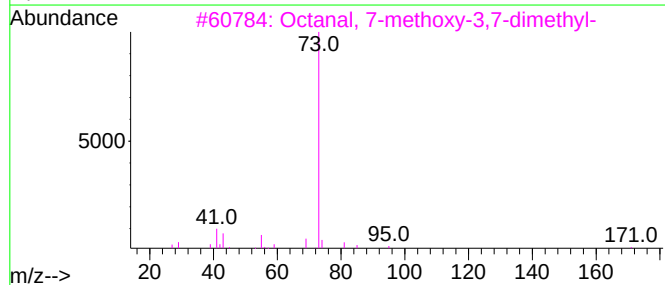
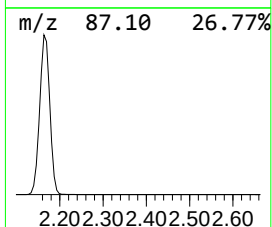
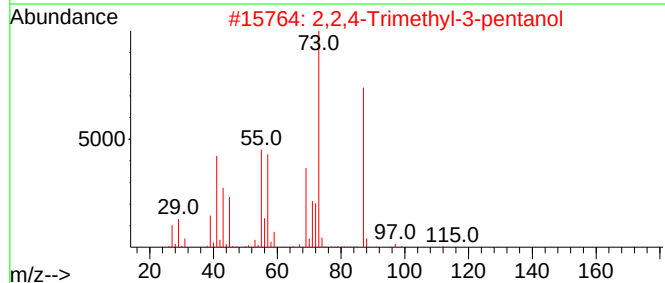
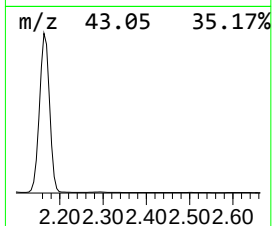
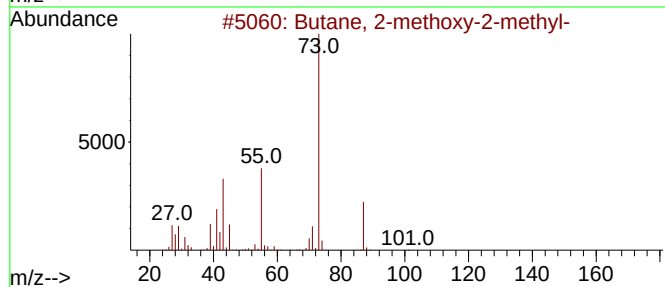
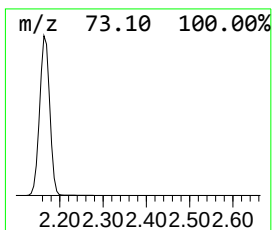
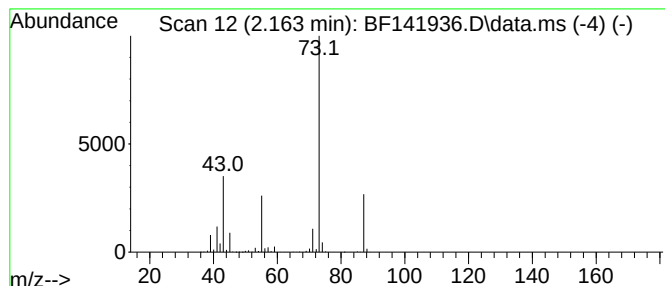
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	45.13 ng	2139510	1,4-Dichlorobenzene-d4	6.881

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	25
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22



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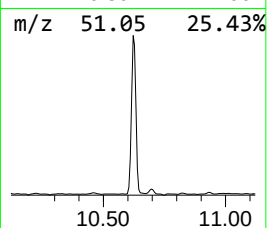
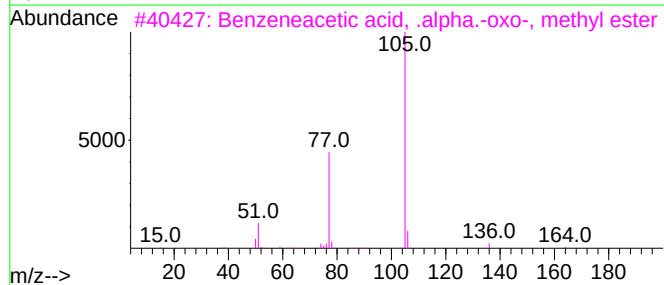
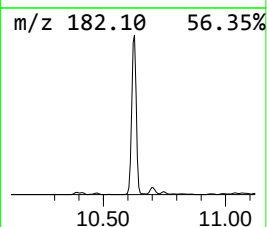
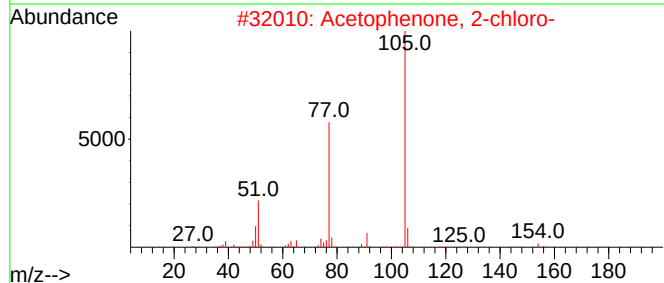
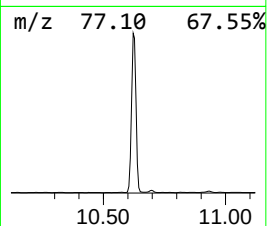
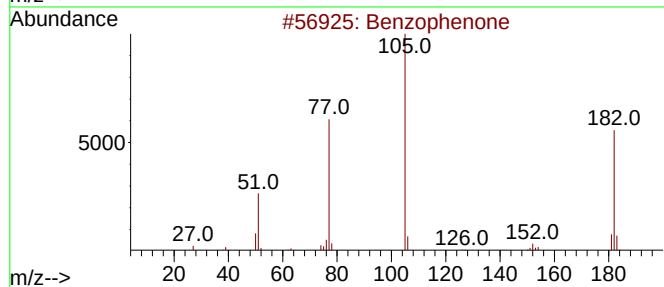
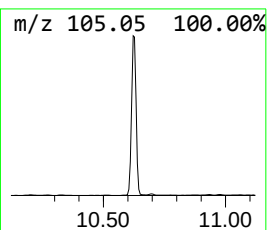
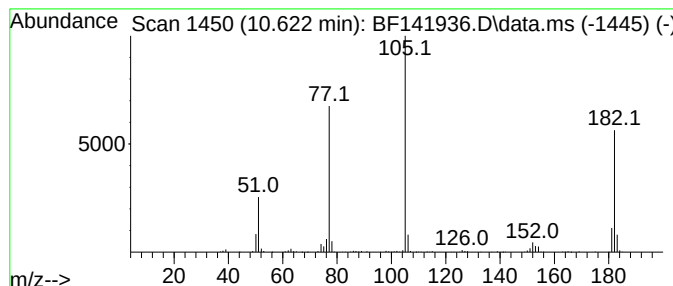
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.621	7.82 ng	552837	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3			Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	49
4			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
5			1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47



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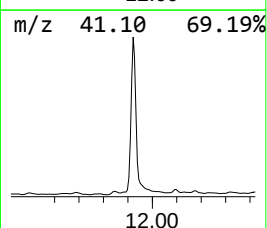
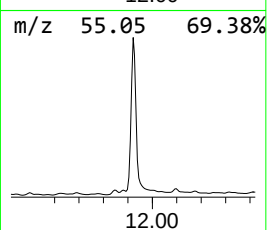
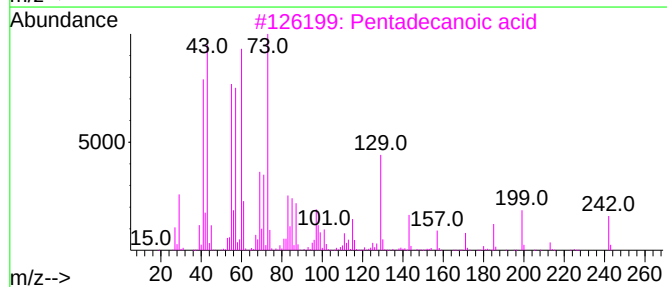
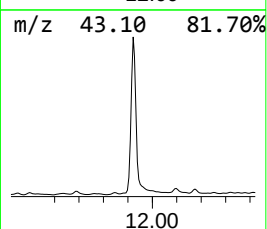
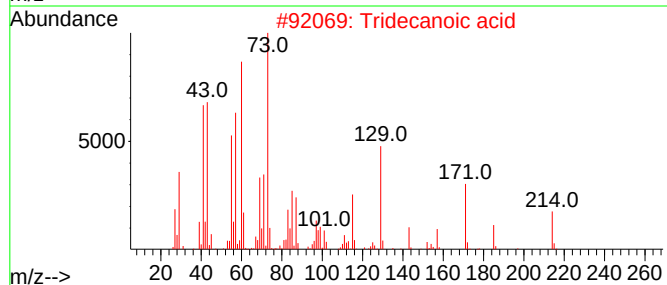
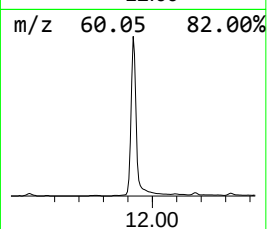
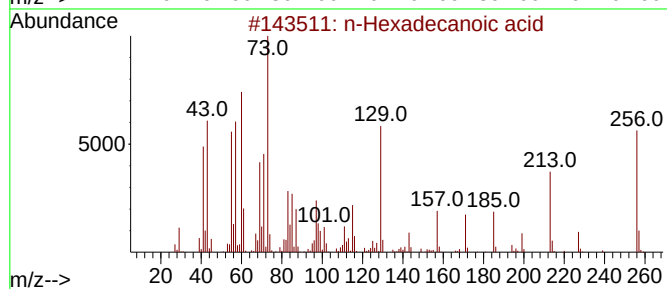
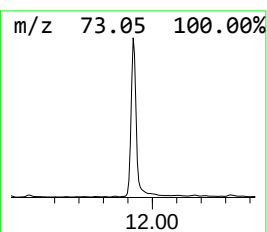
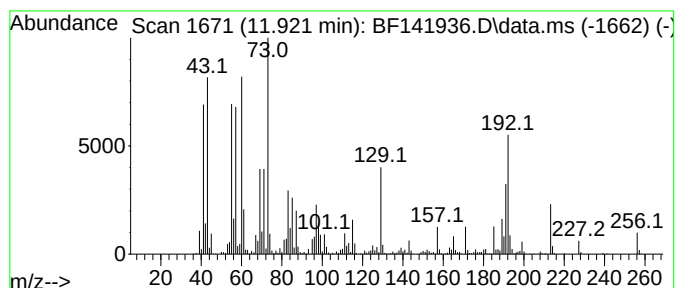
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.921	19.30 ng	1417620	Phenanthrene-d10	11.398	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64



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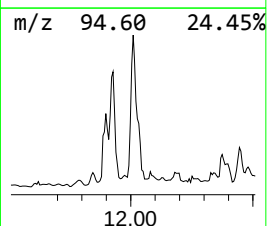
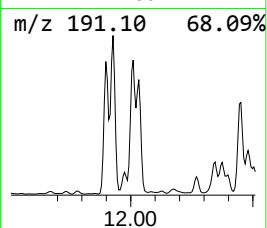
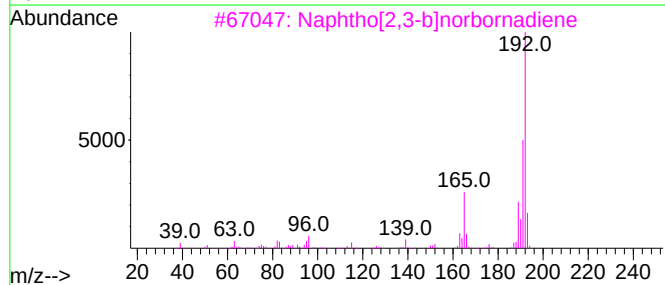
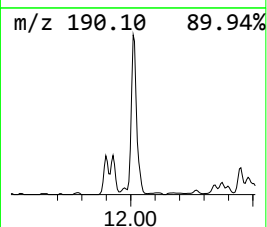
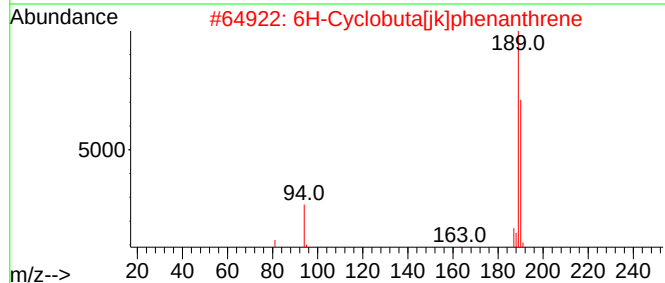
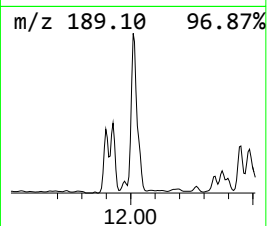
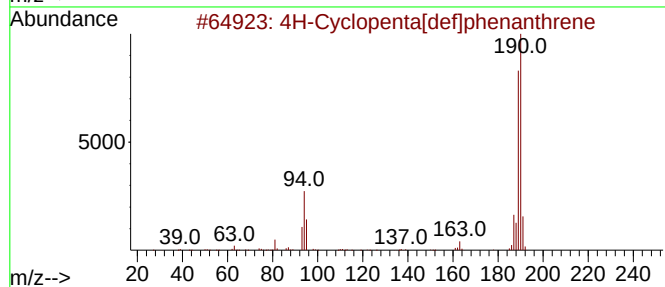
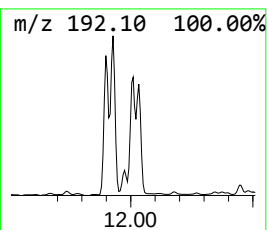
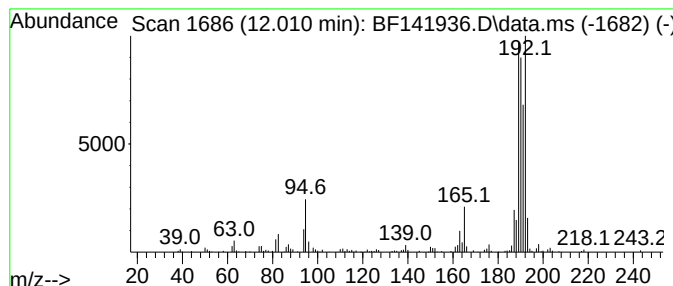
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	5.25 ng	385625	Phenanthrene-d10	11.398

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	46
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42



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OR-363-COMP-17

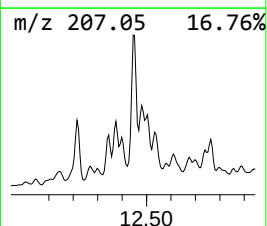
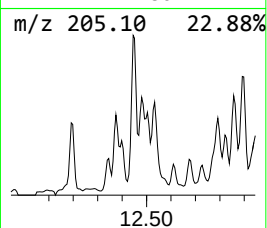
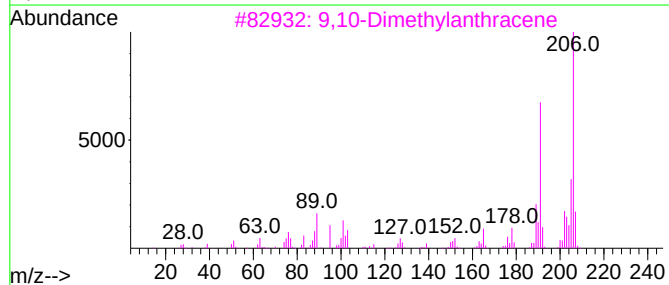
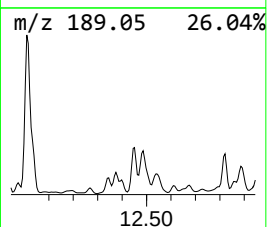
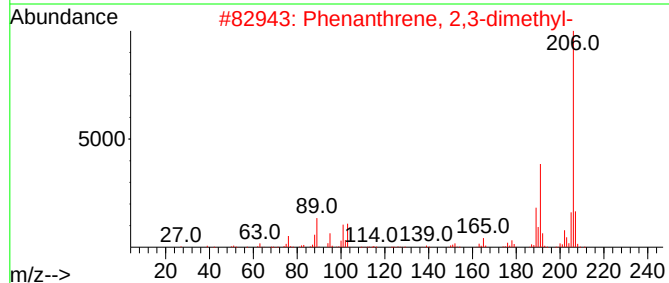
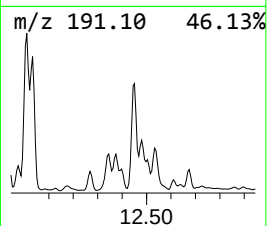
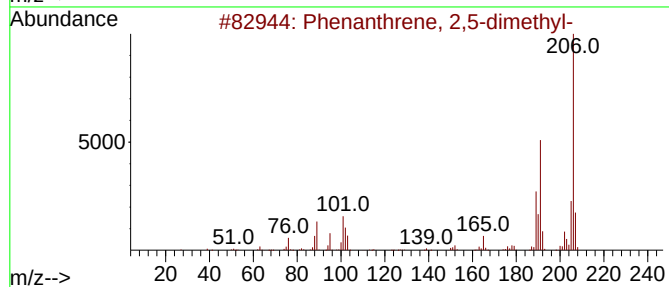
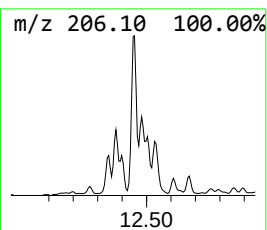
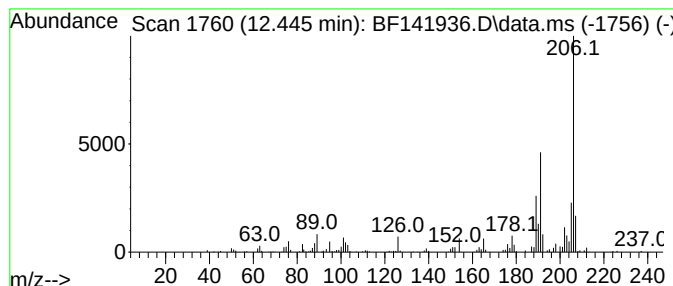
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	2.17 ng	159609	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5			3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
Data File : BF141936.D
Acq On : 12 Mar 2025 12:45
Operator : RC/JU
Sample : Q1534-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-363-COMP-17

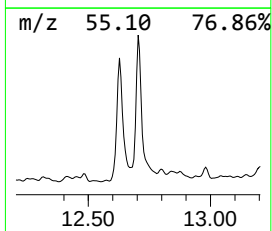
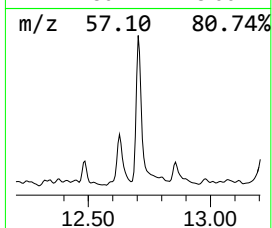
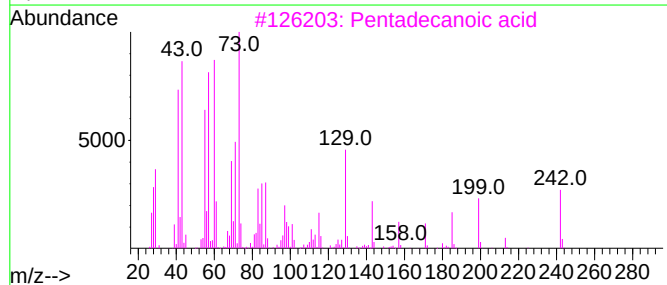
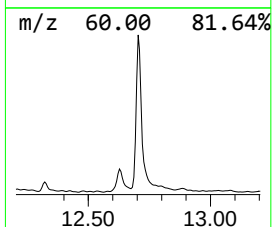
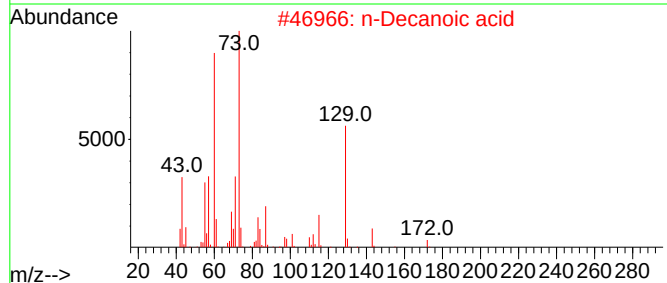
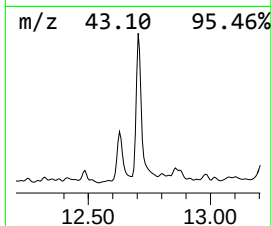
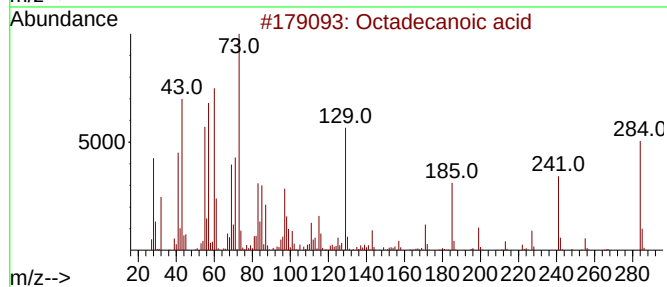
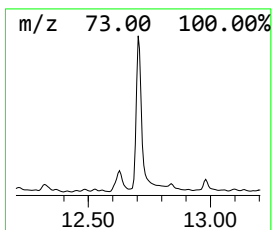
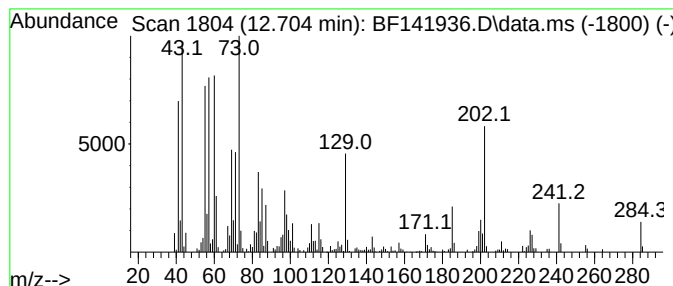
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.704	3.63 ng	266685	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			n-Decanoic acid	172	C10H20O2	000334-48-5	87
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	74
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
Data File : BF141936.D
Acq On : 12 Mar 2025 12:45
Operator : RC/JU
Sample : Q1534-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-363-COMP-17

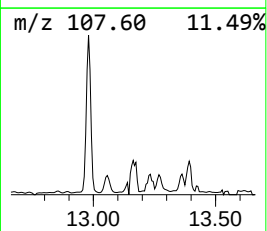
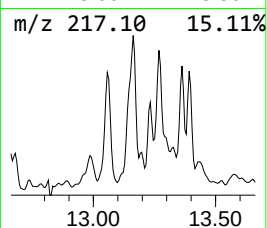
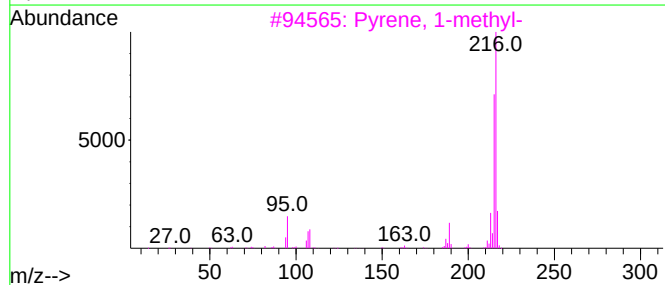
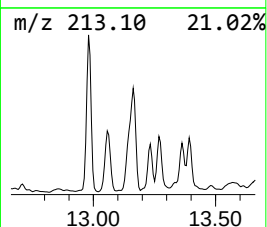
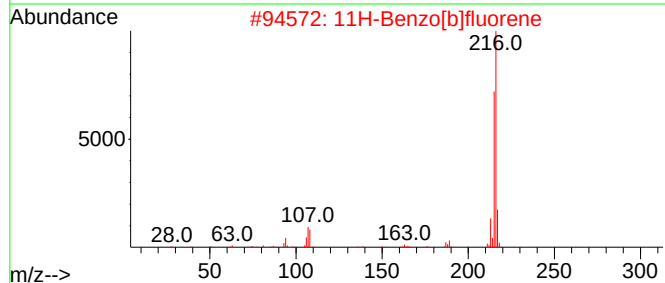
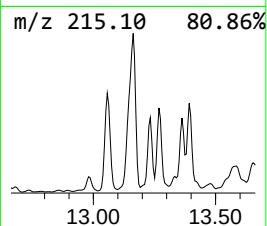
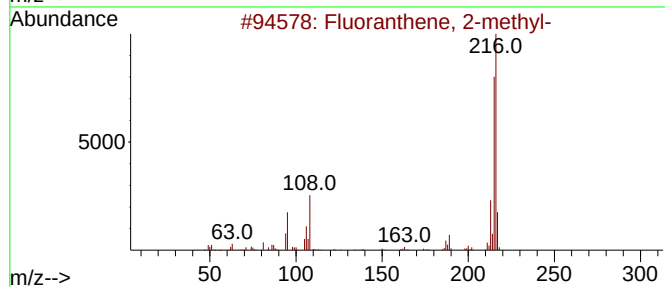
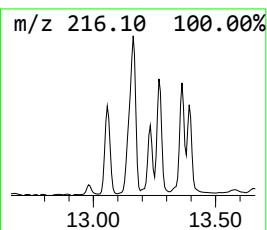
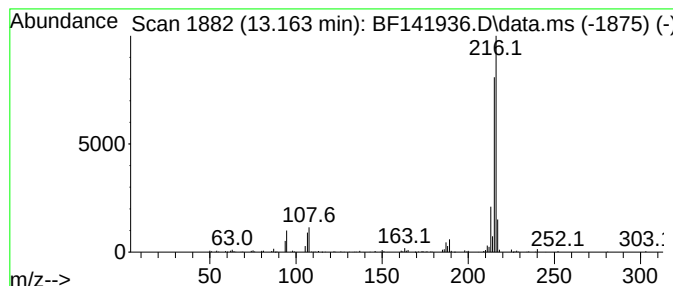
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Fluoranthene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	2.20 ng	208090	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
Data File : BF141936.D
Acq On : 12 Mar 2025 12:45
Operator : RC/JU
Sample : Q1534-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-363-COMP-17

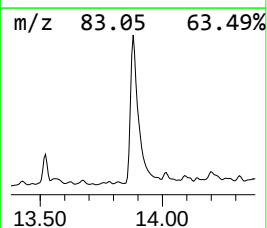
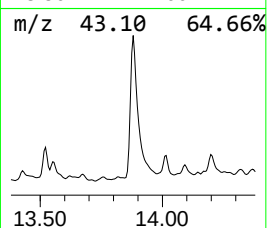
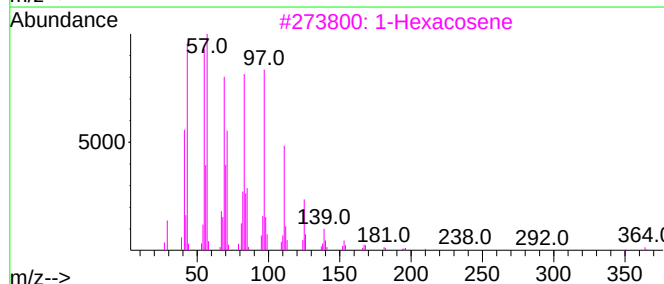
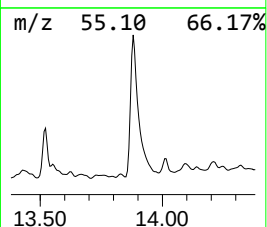
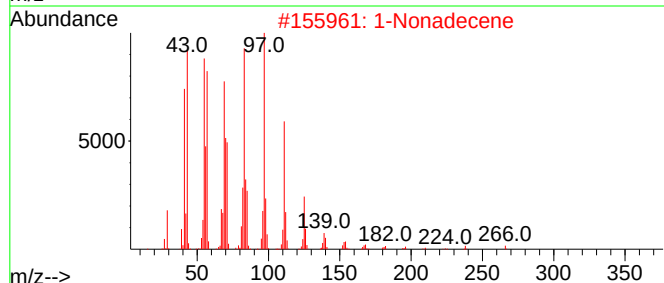
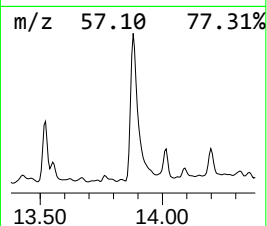
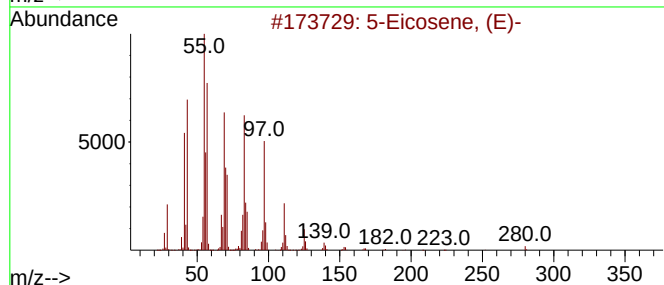
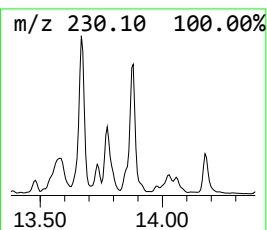
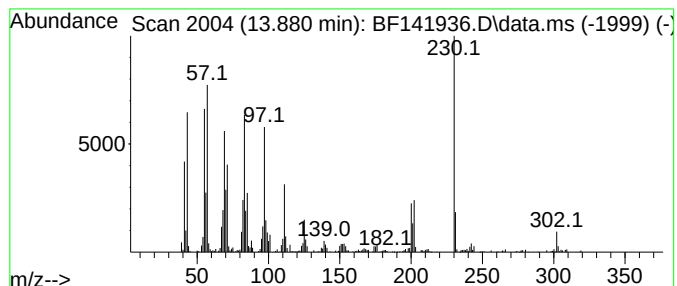
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 5-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	4.37 ng	413765	Chrysene-d12	14.033

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2		1-Nonadecene	266	C19H38	018435-45-5	89
3		1-Hexacosene	364	C26H52	018835-33-1	87
4		1-Heneicosanol	312	C21H44O	015594-90-8	84
5		Behenic alcohol	326	C22H46O	000661-19-8	84



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
Data File : BF141936.D
Acq On : 12 Mar 2025 12:45
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Sample : Q1534-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-363-COMP-17

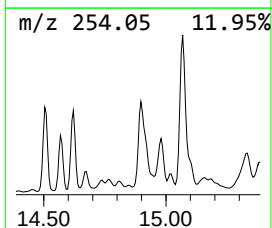
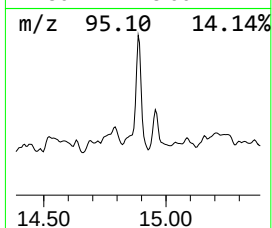
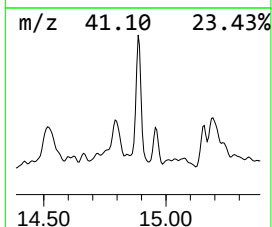
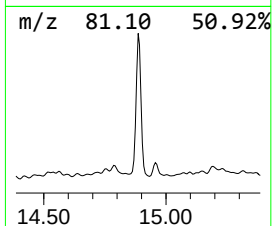
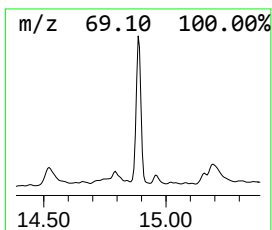
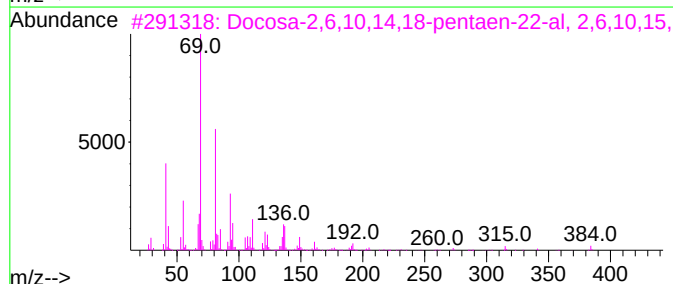
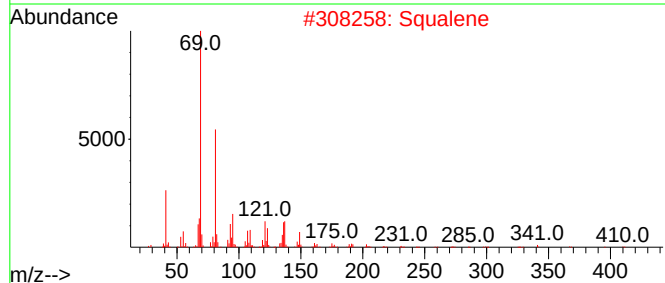
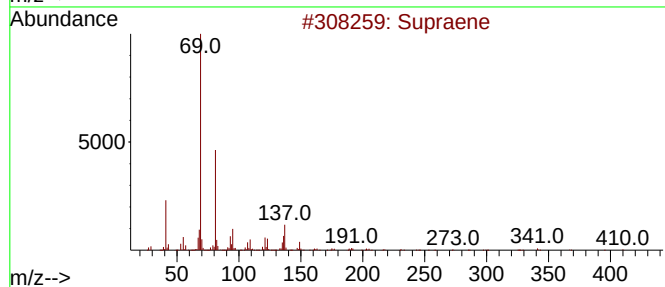
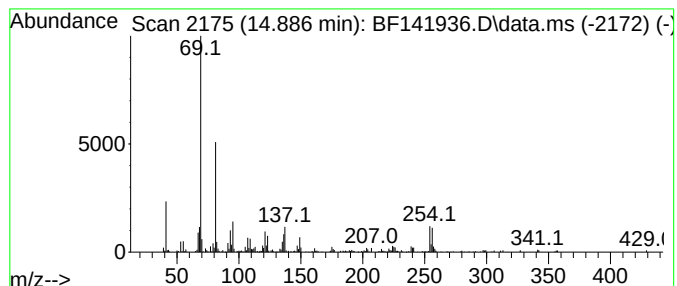
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Supraene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.886	3.04 ng	173609	Perylene-d12	15.509

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	76
2			Squalene	410	C30H50	000111-02-4	68
3			Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	64
4			1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	62
5			7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
Data File : BF141936.D
Acq On : 12 Mar 2025 12:45
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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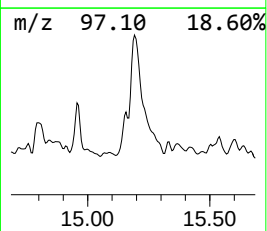
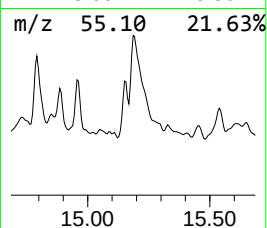
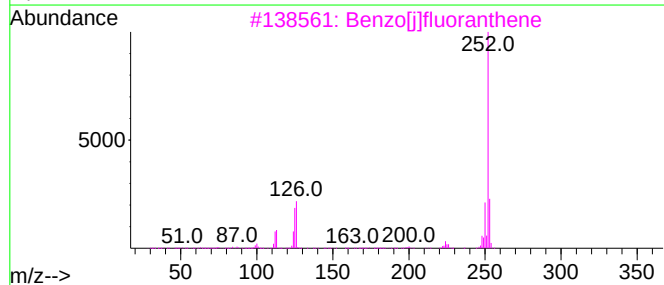
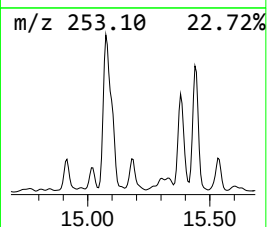
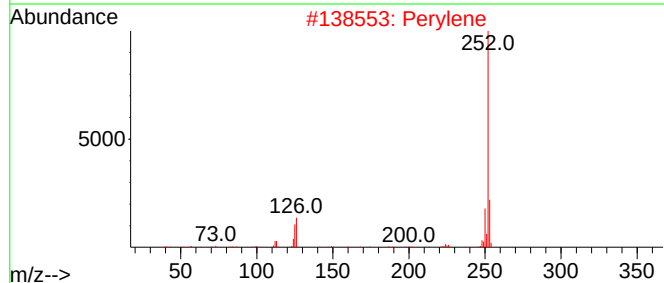
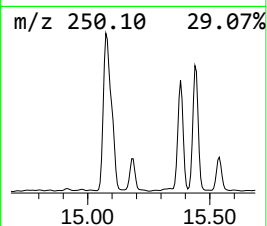
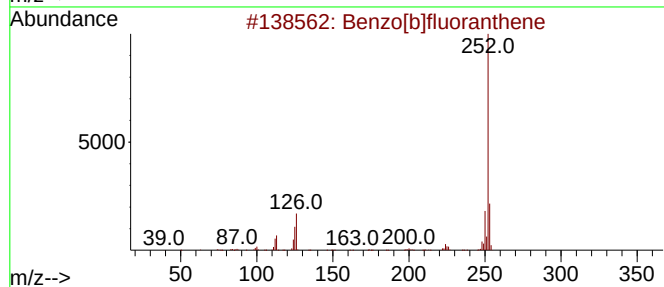
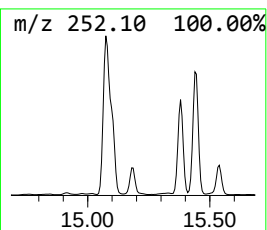
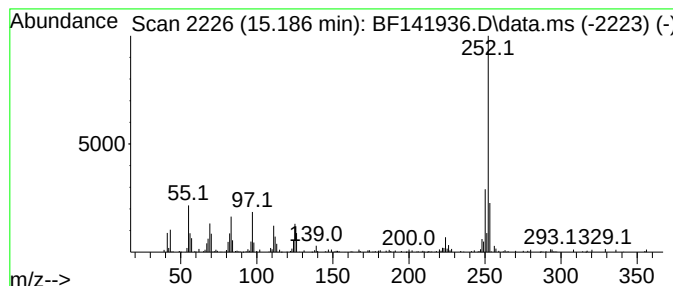
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Perylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.186	2.94 ng	168273	Perylene-d12	15.509

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]fluoranthene	252	C20H12	000205-99-2	76
2			Perylene	252	C20H12	000198-55-0	76
3			Benzo[j]fluoranthene	252	C20H12	000205-82-3	70
4			Benzo[a]pyrene	252	C20H12	000050-32-8	68
5			Benzo[e]pyrene	252	C20H12	000192-97-2	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
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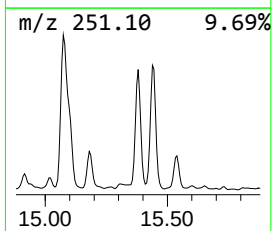
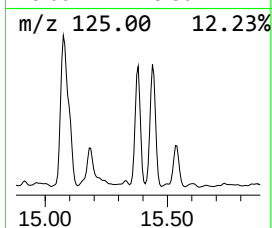
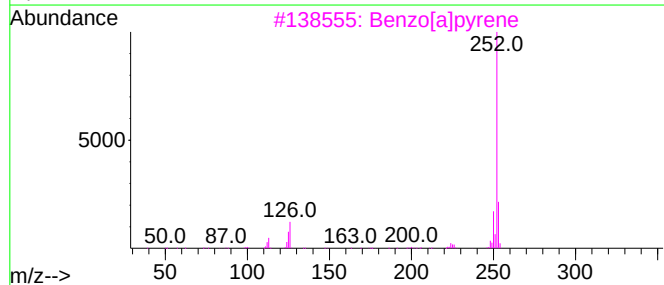
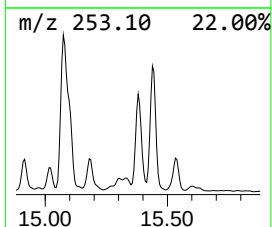
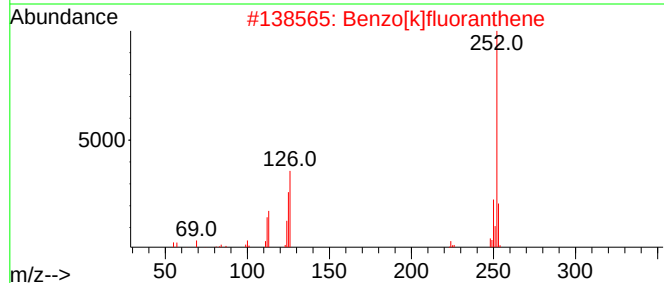
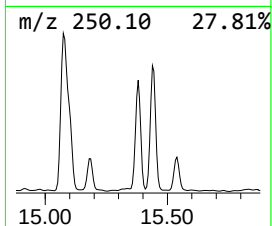
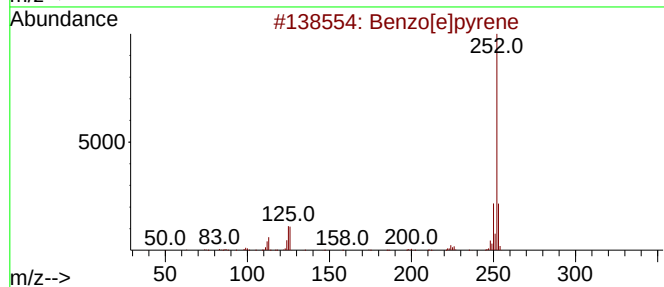
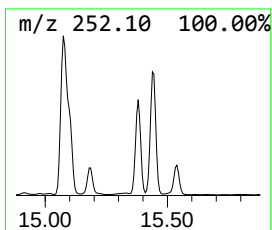
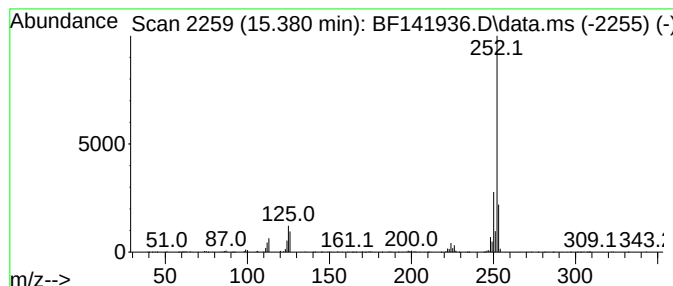
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.380	4.54 ng	259396	Perylene-d12	15.509

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3			Benzo[a]pyrene	252	C20H12	000050-32-8	93
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5			Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
Data File : BF141936.D
Acq On : 12 Mar 2025 12:45
Operator : RC/JU
Sample : Q1534-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-363-COMP-17

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.163	45.1	ng	2139510	1	6.881	948126	20.0
Benzophenone	10.621	7.8	ng	552837	3	9.910	1414590	20.0
n-Hexadecanoic ...	11.921	19.3	ng	1417620	4	11.398	1468880	20.0
4H-Cyclopenta[d...]	12.010	5.3	ng	385625	4	11.398	1468880	20.0
Phenanthrene, 2...	12.445	2.2	ng	159609	4	11.398	1468880	20.0
Octadecanoic acid	12.704	3.6	ng	266685	4	11.398	1468880	20.0
Fluoranthene, 2...	13.163	2.2	ng	208090	5	14.033	1892800	20.0
5-Eicosene, (E)-	13.880	4.4	ng	413765	5	14.033	1892800	20.0
Supraene	14.886	3.0	ng	173609	6	15.509	1143280	20.0
Perylene	15.186	2.9	ng	168273	6	15.509	1143280	20.0
Benzo[e]pyrene	15.380	4.5	ng	259396	6	15.509	1143280	20.0