

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
 Data File : BF143046.D
 Acq On : 08 Jul 2025 21:42
 Operator : RC/JU
 Sample : Q2514-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-96

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-BF061925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143046.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.081	484	491	502	rBV	40723	62836	9.14%	0.925%
2	5.493	555	561	576	rBV	467491	647856	94.27%	9.537%
3	6.504	727	733	752	rBV	461798	624749	90.91%	9.197%
4	6.869	791	795	801	rBV	232287	287055	41.77%	4.226%
5	7.434	886	891	907	rBV	311842	393363	57.24%	5.790%
6	8.157	1009	1014	1037	rVB	270566	340291	49.52%	5.009%
7	9.228	1191	1196	1206	rBV	551499	687229	100.00%	10.116%
8	9.916	1308	1313	1322	rVB	244588	315413	45.90%	4.643%
9	10.628	1428	1434	1440	rBV	51862	67560	9.83%	0.995%
10	10.704	1442	1447	1458	rVV	248247	313985	45.69%	4.622%
11	10.933	1482	1486	1491	rBV	12060	14425	2.10%	0.212%
12	11.404	1561	1566	1575	rBV	231730	314729	45.80%	4.633%
13	11.933	1653	1656	1663	rVV3	8521	16196	2.36%	0.238%
14	12.016	1666	1670	1679	rVB2	10476	20866	3.04%	0.307%
15	12.486	1747	1750	1757	rVV3	4488	6902	1.00%	0.102%
16	12.551	1757	1761	1765	rVB3	5621	7634	1.11%	0.112%
17	12.621	1768	1773	1778	rBV	113063	139278	20.27%	2.050%
18	12.851	1805	1812	1817	rBV	111611	162722	23.68%	2.395%
19	12.986	1830	1835	1843	rVV	526137	684802	99.65%	10.081%
20	13.069	1844	1849	1855	rVV3	8897	15127	2.20%	0.223%
21	13.174	1860	1867	1871	rBV2	14488	27910	4.06%	0.411%
22	13.245	1875	1879	1882	rVV	7782	9598	1.40%	0.141%
23	13.286	1882	1886	1893	rVB2	11365	17478	2.54%	0.257%
24	13.374	1897	1901	1904	rBV	7844	9966	1.45%	0.147%
25	13.410	1904	1907	1910	rVB2	6421	7175	1.04%	0.106%
26	13.692	1948	1955	1962	rBV	10842	18921	2.75%	0.279%
27	13.798	1969	1973	1976	rBV2	15042	22932	3.34%	0.338%
28	13.827	1976	1978	1980	rVV	14173	17625	2.56%	0.259%
29	13.904	1984	1991	1998	rVB5	38961	107807	15.69%	1.587%
30	14.051	2008	2016	2028	rBV2	335174	588247	85.60%	8.659%
31	14.157	2032	2034	2038	rVB	8176	8897	1.29%	0.131%
32	14.204	2039	2042	2044	rBV2	6907	8834	1.29%	0.130%
33	14.439	2079	2082	2085	rVB	10961	11701	1.70%	0.172%
34	15.110	2190	2196	2210	rBV	87214	232006	33.76%	3.415%
35	15.421	2244	2249	2254	rVB	44546	71180	10.36%	1.048%
36	15.480	2254	2259	2264	rVV	57164	88197	12.83%	1.298%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
Data File : BF143046.D
Acq On : 08 Jul 2025 21:42
Operator : RC/JU
Sample : Q2514-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-96

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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.545	2264	2270	2284	rVB	196335	335979	48.89%	4.946%
38	17.062	2522	2528	2535	rVB2	22557	48498	7.06%	0.714%
39	17.521	2600	2606	2614	rBV	16959	37282	5.42%	0.549%

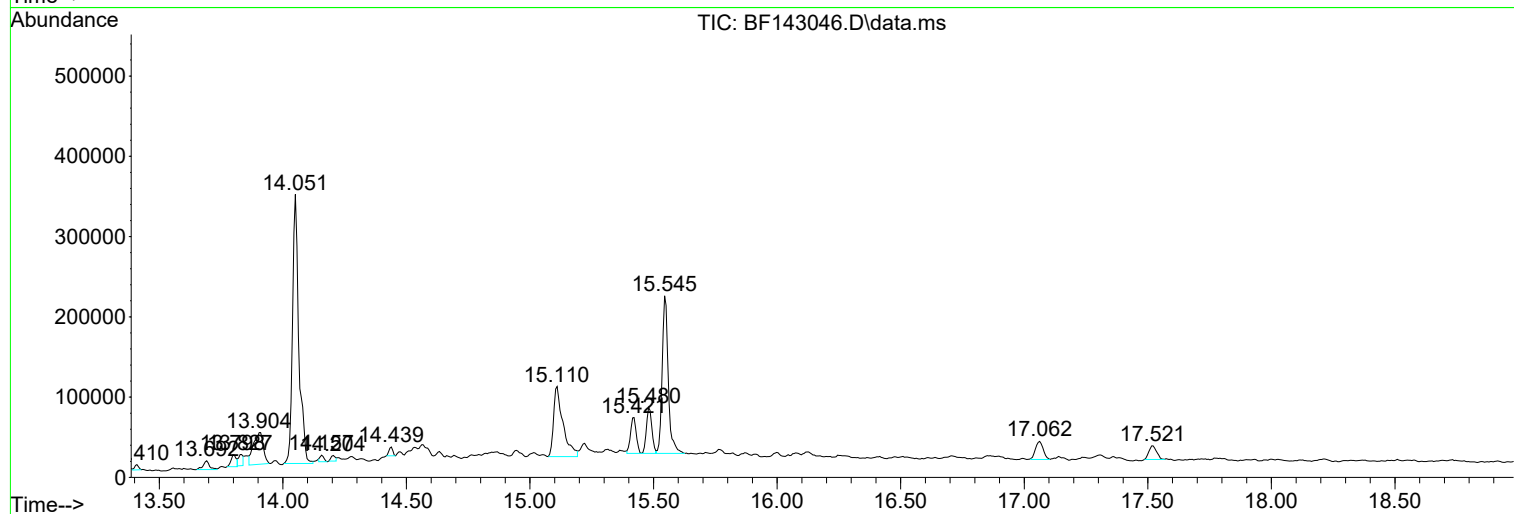
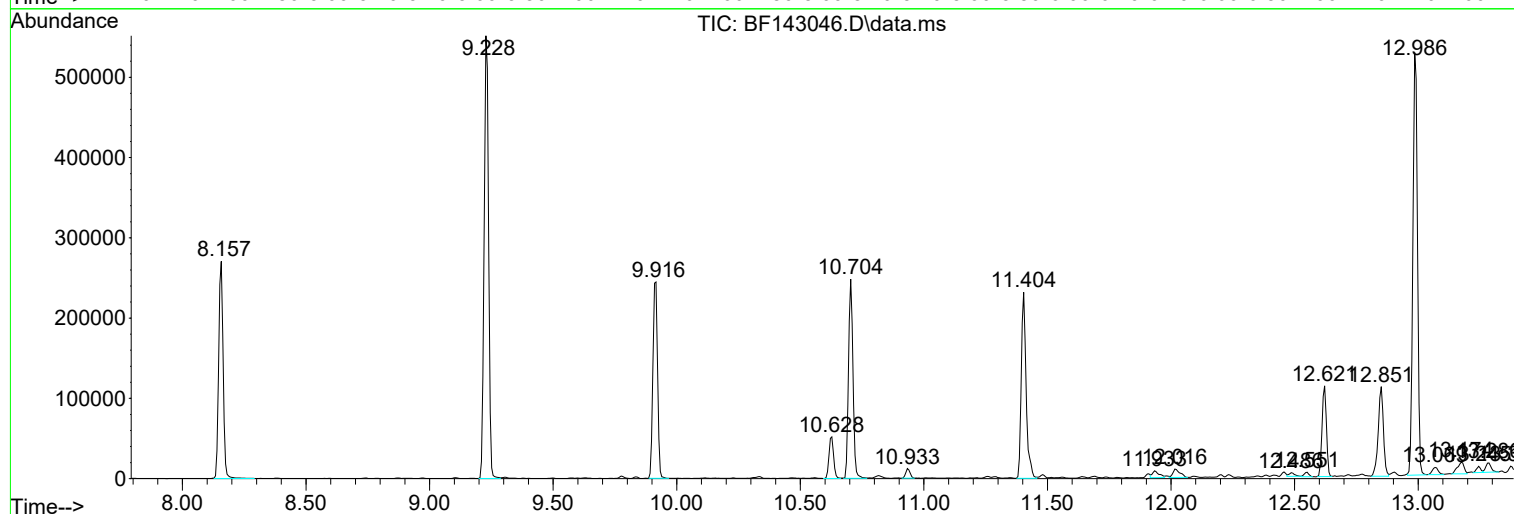
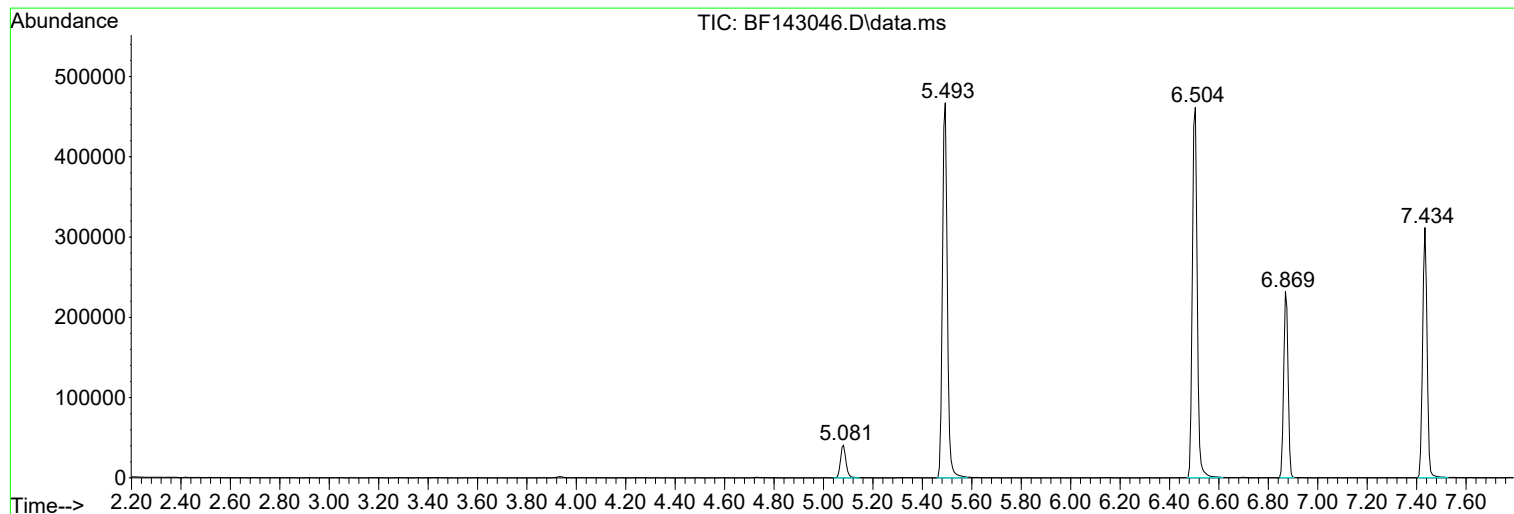
Sum of corrected areas: 6793251

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
Data File : BF143046.D
Acq On : 08 Jul 2025 21:42
Operator : RC/JU
Sample : Q2514-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-96

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
Data File : BF143046.D
Acq On : 08 Jul 2025 21:42
Operator : RC/JU
Sample : Q2514-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-96

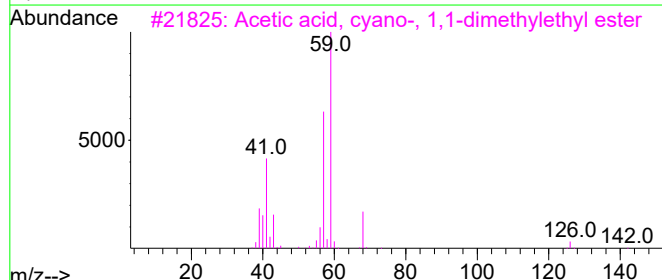
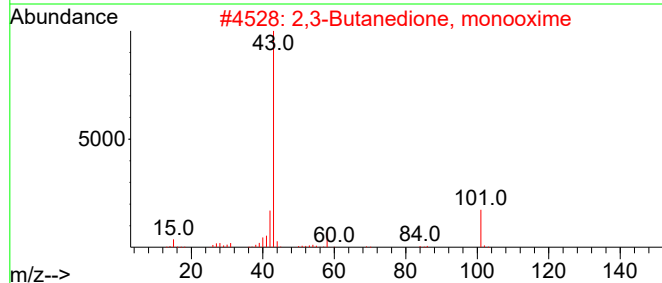
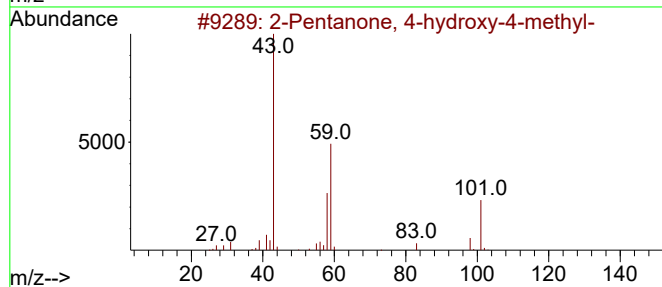
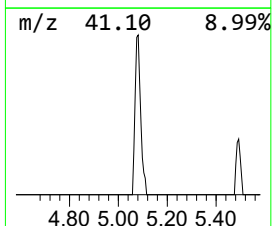
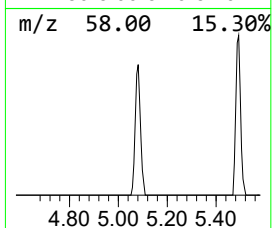
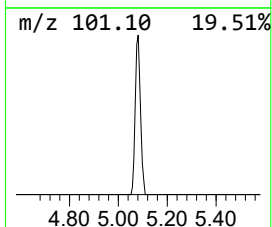
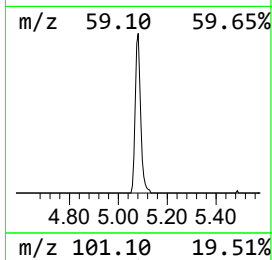
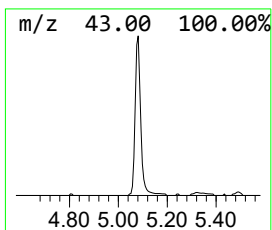
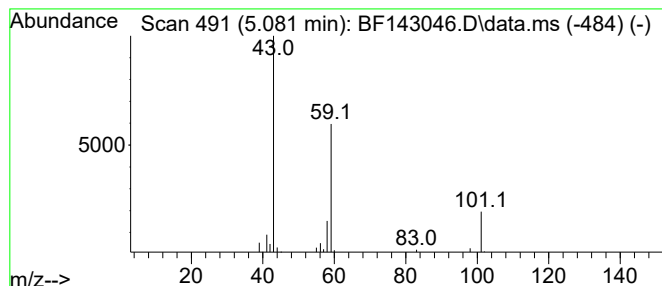
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.081	4.38 ng	62836	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23		
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9		
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
Data File : BF143046.D
Acq On : 08 Jul 2025 21:42
Operator : RC/JU
Sample : Q2514-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-96

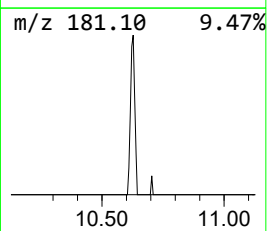
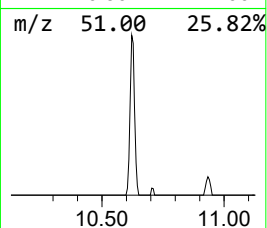
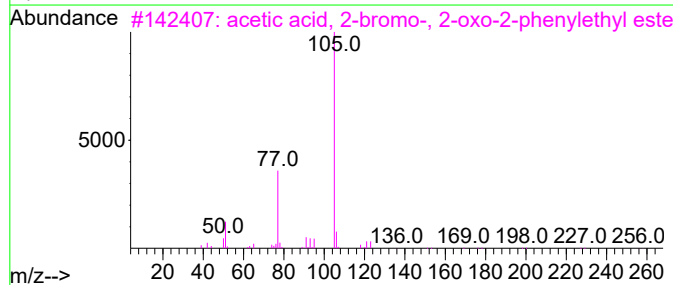
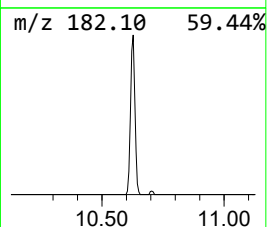
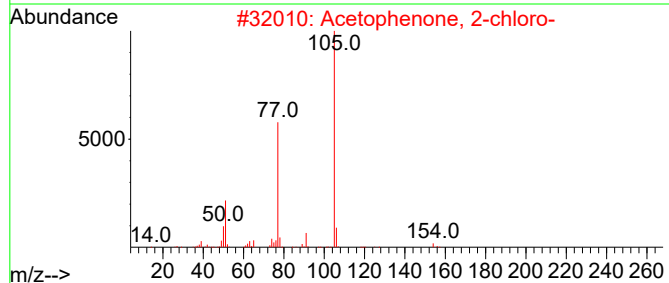
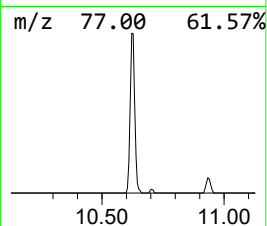
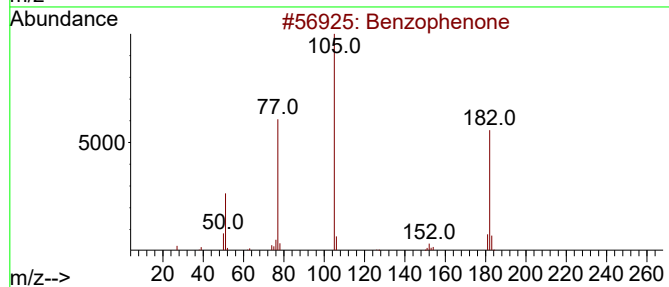
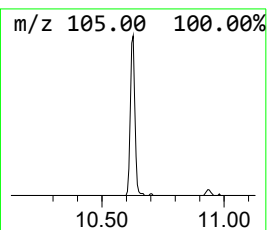
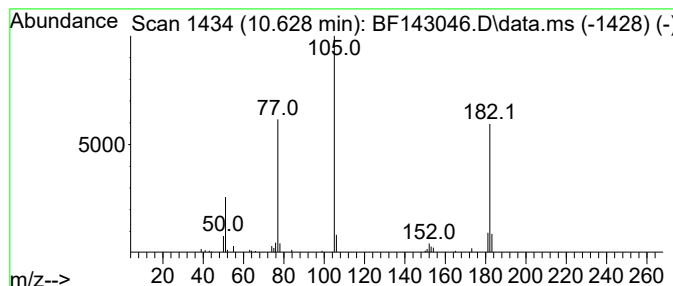
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	4.28 ng	67560	Acenaphthene-d10	9.916

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			acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	47
4			Benzoic acid, ethyl ester	150	C9H10O2	000093-89-0	47
5			Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
Data File : BF143046.D
Acq On : 08 Jul 2025 21:42
Operator : RC/JU
Sample : Q2514-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-96

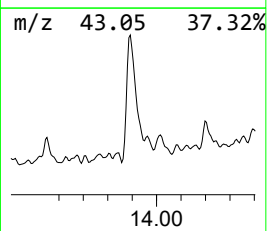
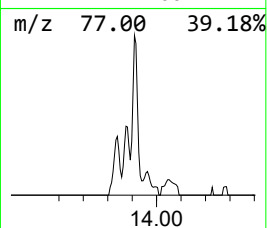
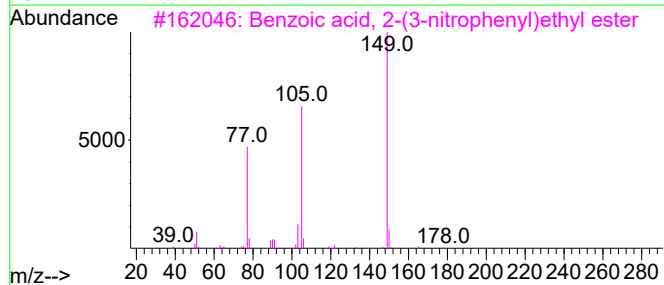
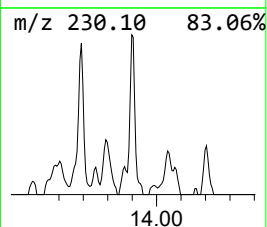
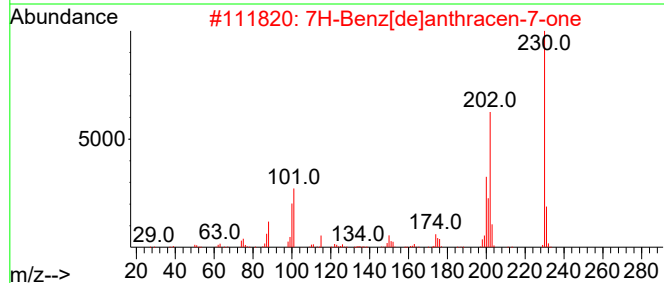
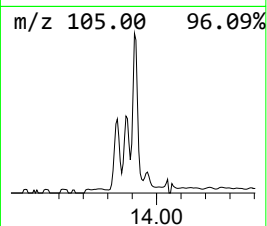
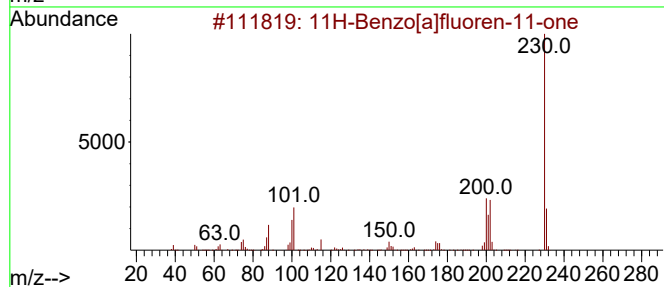
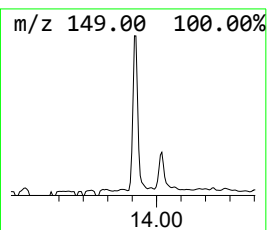
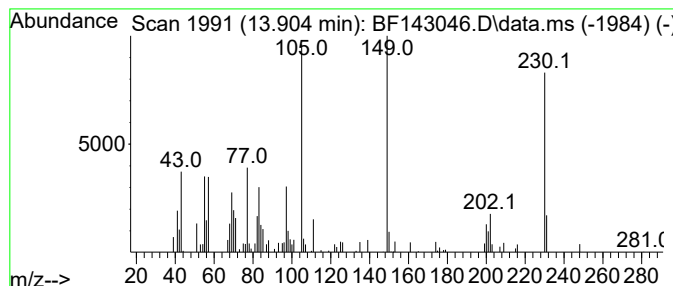
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown13.904 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	3.67 ng	107807	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	41
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	41
3			Benzoic acid, 2-(3-nitrophenyl)e...	271	C15H13NO4	1000368-22-4	35
4			Phenyl(2-phenyl-1,3-dioxolan-2-y...	298	C18H18O4	006963-16-2	35
5			o-Terphenyl	230	C18H14	000084-15-1	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
Data File : BF143046.D
Acq On : 08 Jul 2025 21:42
Operator : RC/JU
Sample : Q2514-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-96

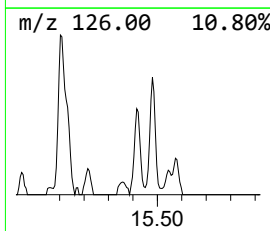
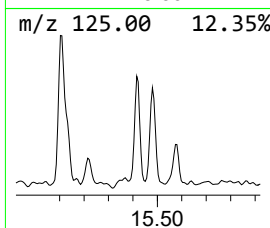
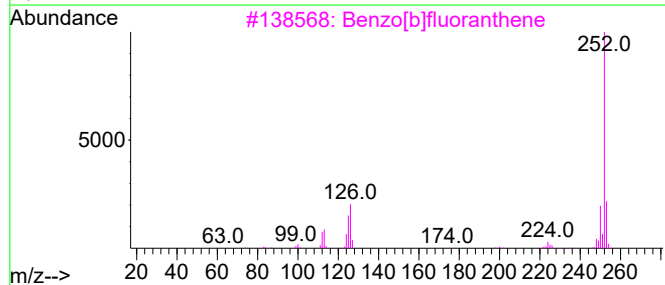
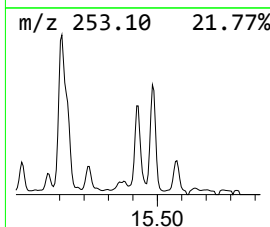
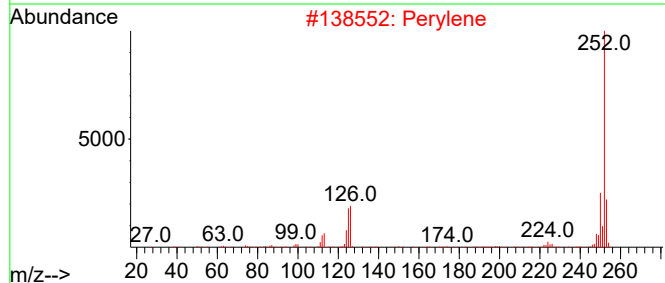
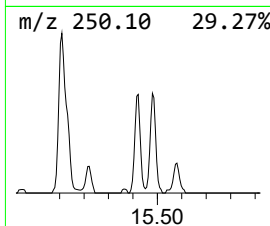
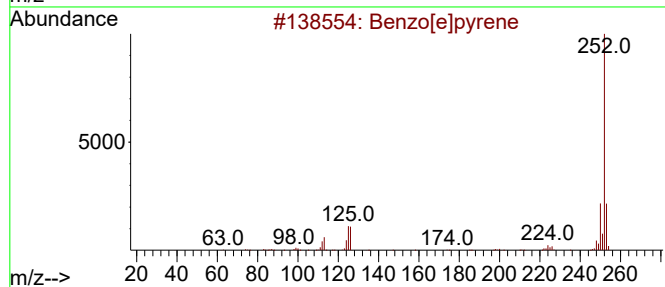
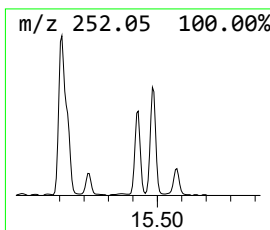
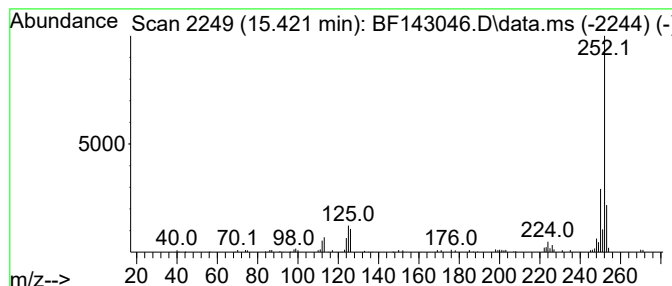
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.421	4.24 ng	71180	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Perylene	252	C20H12	000198-55-0	95
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5			Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
Data File : BF143046.D
Acq On : 08 Jul 2025 21:42
Operator : RC/JU
Sample : Q2514-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-96

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.081	4.4	ng	62836	1	6.869	287055	20.0
Benzophenone	10.628	4.3	ng	67560	3	9.916	315413	20.0
unknown13.904	13.904	3.7	ng	107807	5	14.051	588247	20.0
Benzo[e]pyrene	15.421	4.2	ng	71180	6	15.545	335979	20.0