

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
 Data File : BF142634.D
 Acq On : 05 Jun 2025 15:06
 Operator : RC/JU
 Sample : Q2199-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-231

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-BF052025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142634.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.110	488	496	507	rBV	172456	248798	10.89%	1.251%
2	5.510	558	564	570	rBV	1548562	2080254	91.05%	10.458%
3	6.522	730	736	741	rBV	1459809	1992287	87.20%	10.016%
4	6.892	794	799	804	rBV	563738	696145	30.47%	3.500%
5	7.457	888	895	899	rBV	1007114	1320938	57.82%	6.641%
6	7.486	899	900	905	rVB	47453	38721	1.69%	0.195%
7	8.180	1012	1018	1034	rBV	650092	839550	36.75%	4.221%
8	9.251	1195	1200	1205	rBV	1829268	2284706	100.00%	11.486%
9	9.845	1296	1301	1305	rBV	28240	34857	1.53%	0.175%
10	9.933	1311	1316	1321	rBV	638528	789660	34.56%	3.970%
11	10.645	1432	1437	1443	rBV	288294	355088	15.54%	1.785%
12	10.721	1445	1450	1463	rVV	874415	1114542	48.78%	5.603%
13	10.957	1486	1490	1495	rVB	51108	63142	2.76%	0.317%
14	11.227	1532	1536	1541	rBV	27473	35972	1.57%	0.181%
15	11.421	1564	1569	1578	rBV2	521661	756118	33.09%	3.801%
16	11.498	1578	1582	1586	rVB	21041	26015	1.14%	0.131%
17	11.645	1602	1607	1615	rBV4	15981	33043	1.45%	0.166%
18	11.945	1649	1658	1665	rBV2	145525	245939	10.76%	1.236%
19	12.039	1670	1674	1682	rVB	29492	55480	2.43%	0.279%
20	12.198	1697	1701	1703	rBV2	18772	24115	1.06%	0.121%
21	12.639	1770	1776	1784	rBV	279076	396483	17.35%	1.993%
22	12.727	1788	1791	1798	rVV2	26665	42994	1.88%	0.216%
23	12.863	1807	1814	1820	rBV	244937	397561	17.40%	1.999%
24	13.010	1831	1839	1846	rBV	1391600	1841696	80.61%	9.259%
25	13.086	1846	1852	1858	rBV3	19381	40753	1.78%	0.205%
26	13.192	1863	1870	1874	rBV2	48027	81657	3.57%	0.411%
27	13.262	1878	1882	1885	rVV2	35900	48895	2.14%	0.246%
28	13.298	1885	1888	1896	rVB3	26208	58121	2.54%	0.292%
29	13.704	1954	1957	1961	rVB	17570	23598	1.03%	0.119%
30	13.815	1972	1976	1978	rBV3	26677	38167	1.67%	0.192%
31	13.904	1987	1991	2000	rVB2	91868	161812	7.08%	0.814%
32	14.062	2010	2018	2029	rBV2	735450	1407481	61.60%	7.076%
33	14.168	2033	2036	2040	rVV	30874	40293	1.76%	0.203%
34	14.451	2081	2084	2087	rBV	20439	23392	1.02%	0.118%
35	14.545	2095	2100	2103	rBV4	36810	75017	3.28%	0.377%
36	15.121	2193	2198	2206	rBV	221727	500652	21.91%	2.517%

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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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.227	2213	2216	2221	rVB2	55164	78408	3.43%	0.394%
38	15.433	2246	2251	2256	rVB	115725	185346	8.11%	0.932%
39	15.492	2256	2261	2267	rBV	164976	254151	11.12%	1.278%
40	15.562	2267	2273	2284	rVV	515943	909375	39.80%	4.572%
41	17.068	2523	2529	2539	rVB2	61753	149055	6.52%	0.749%
42	17.521	2601	2606	2617	rVB	44818	100481	4.40%	0.505%

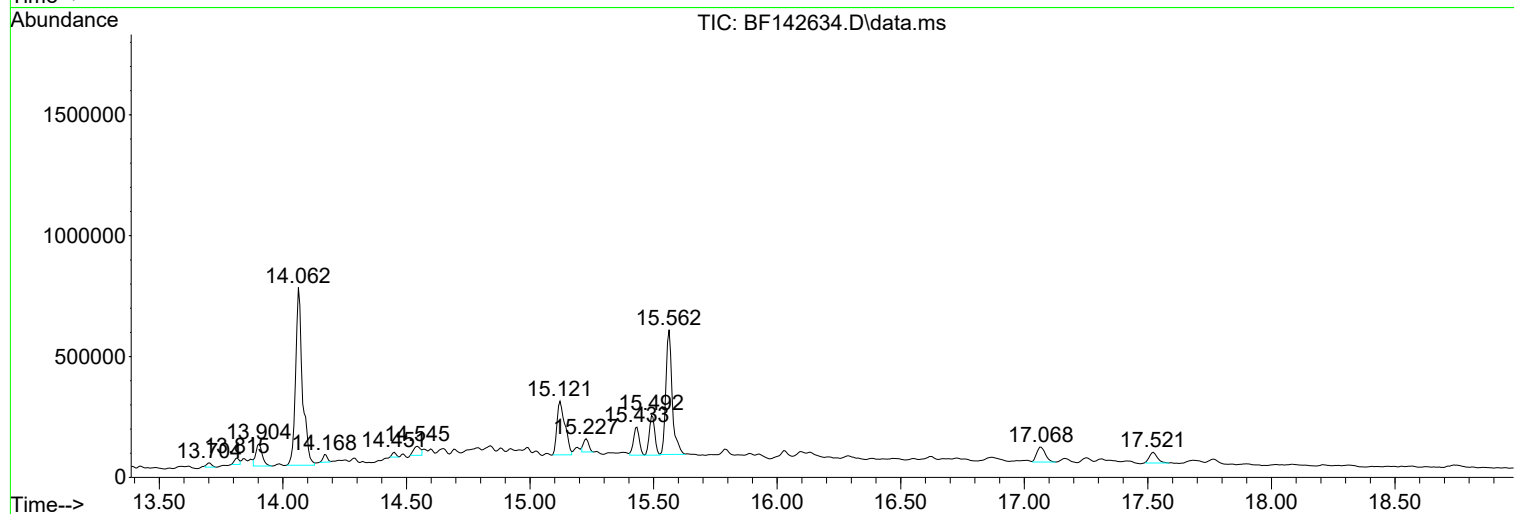
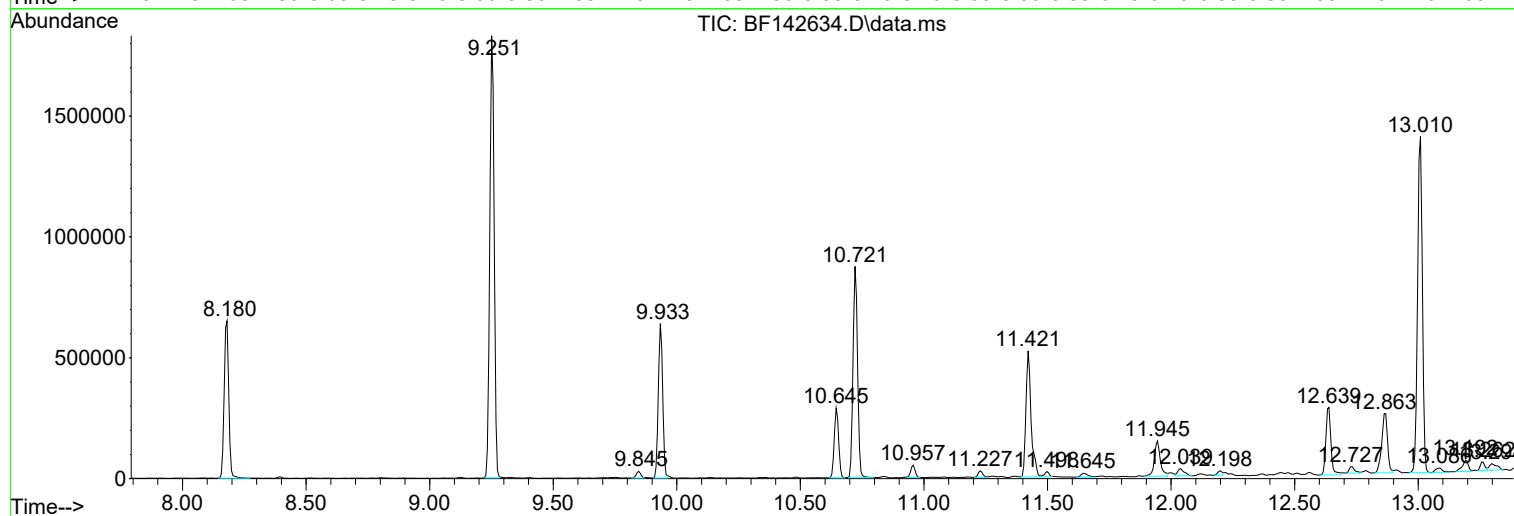
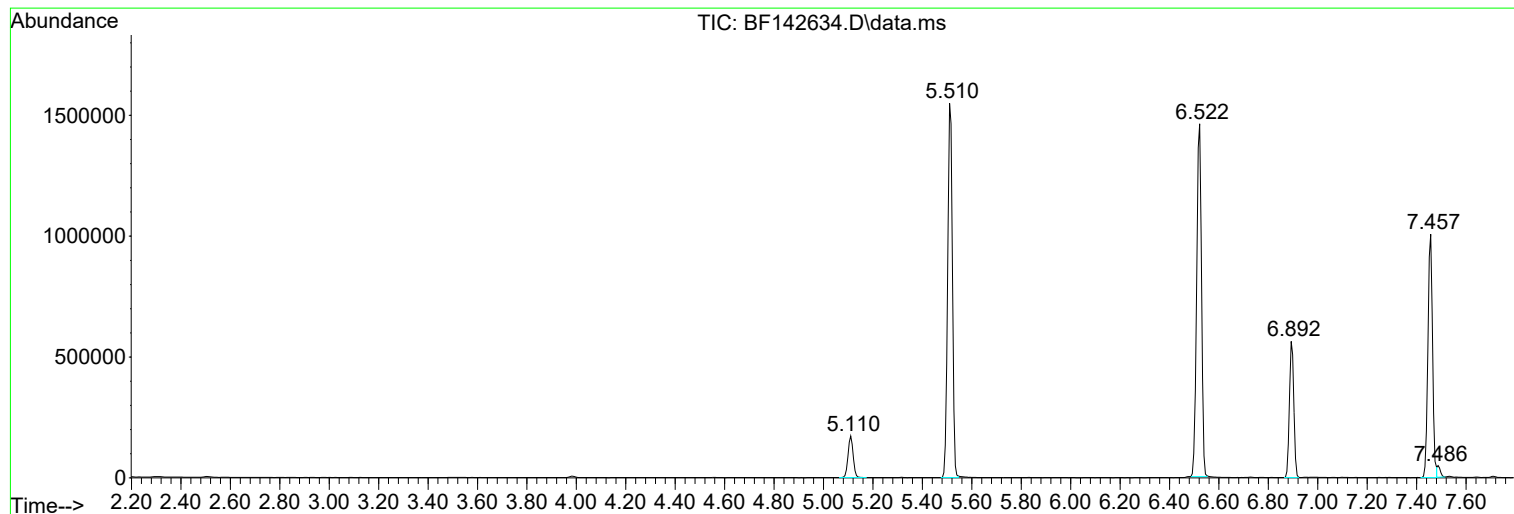
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : Q2199-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

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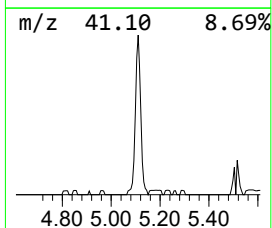
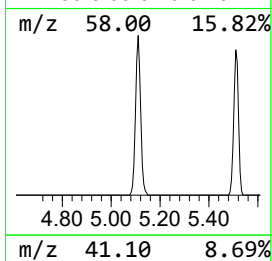
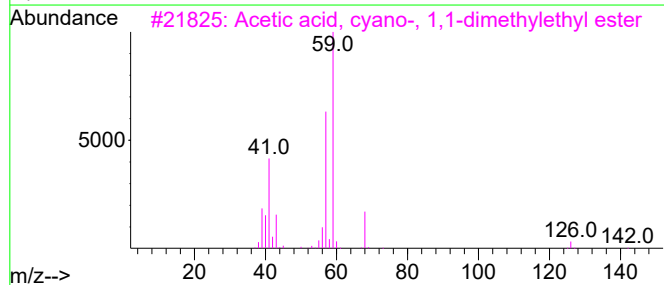
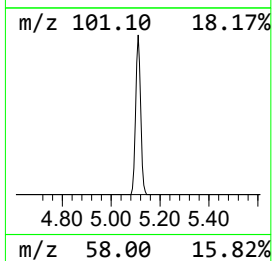
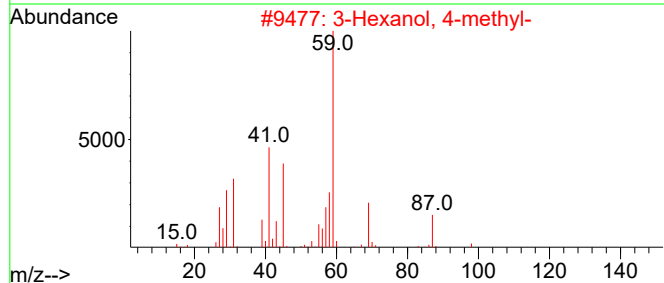
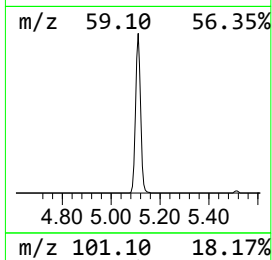
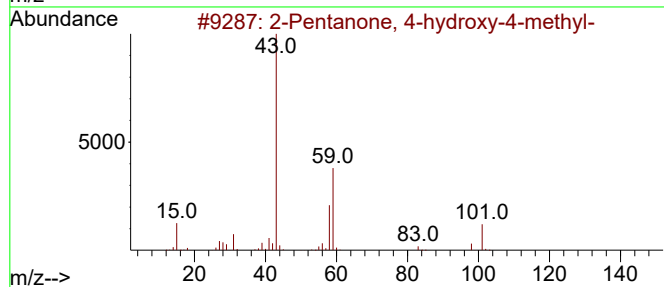
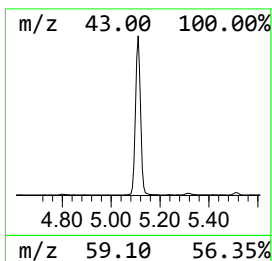
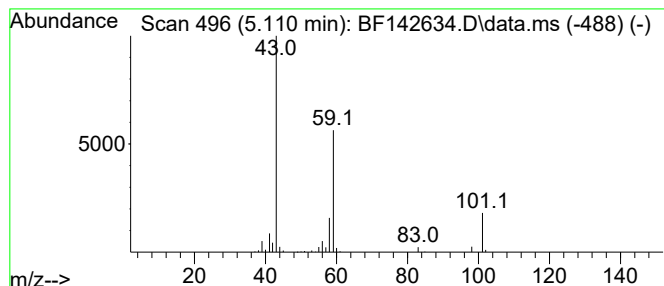
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	7.15 ng	248798	1,4-Dichlorobenzene-d4	6.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59		
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25		
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12		
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		



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ClientSampleId :
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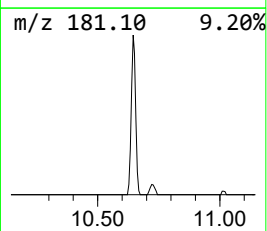
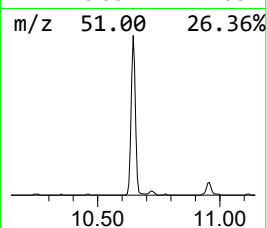
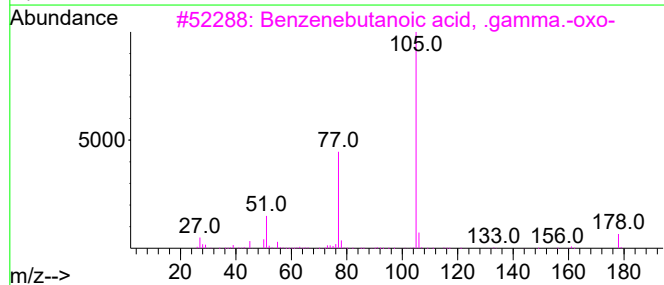
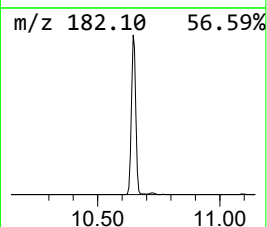
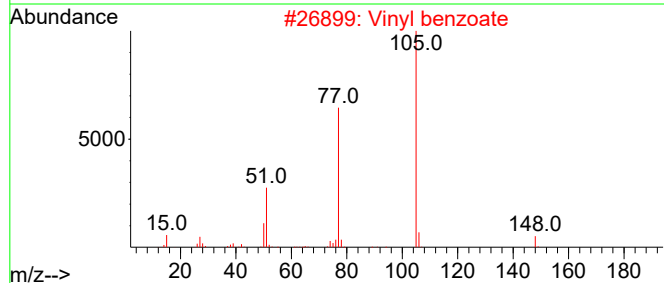
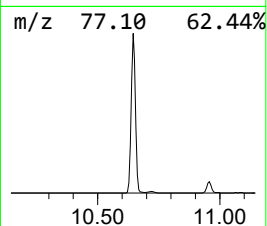
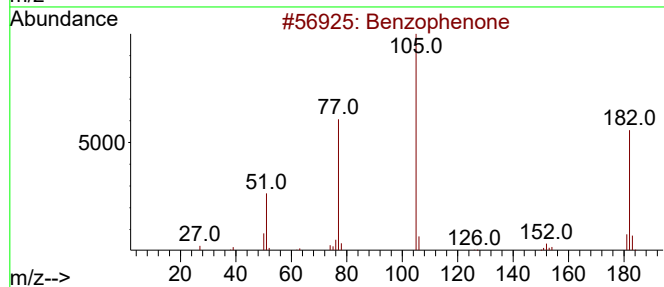
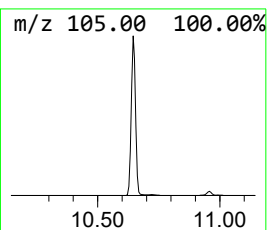
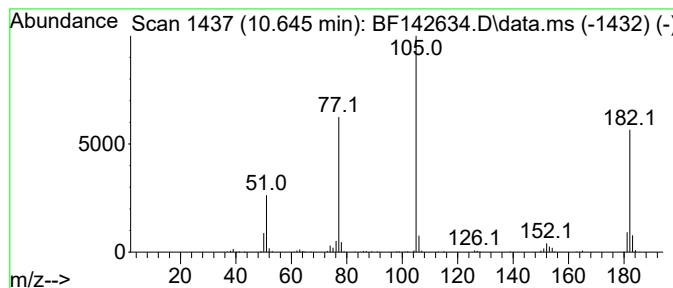
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	8.99 ng	355088	Acenaphthene-d10	9.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Vinyl benzoate	148	C9H8O2	000769-78-8	47
3			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
4			1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
5			2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47



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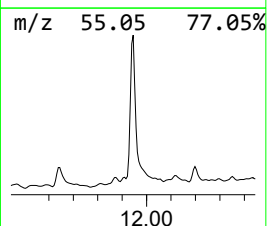
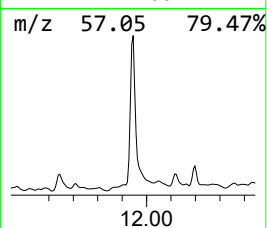
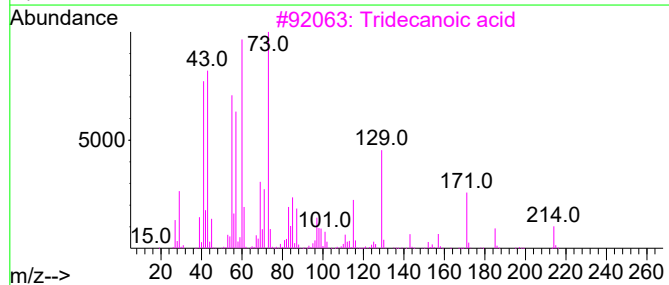
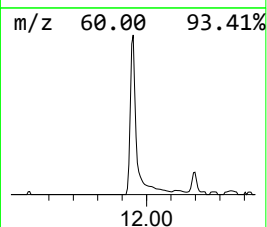
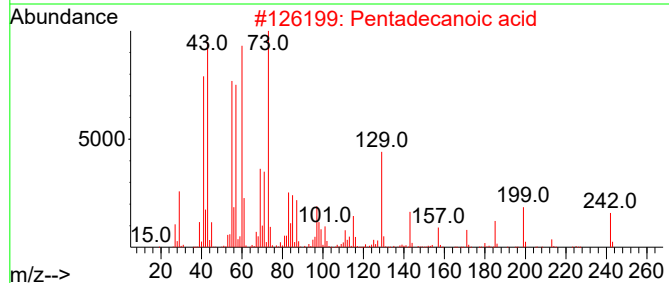
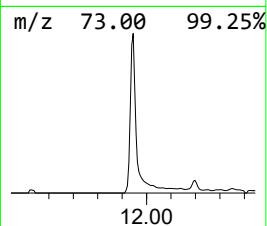
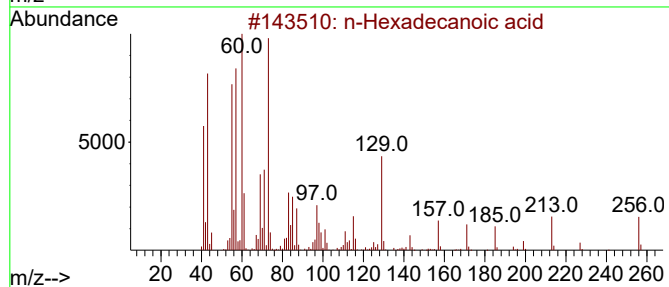
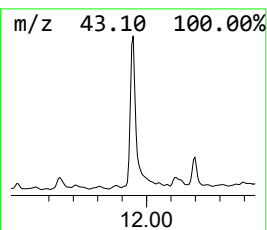
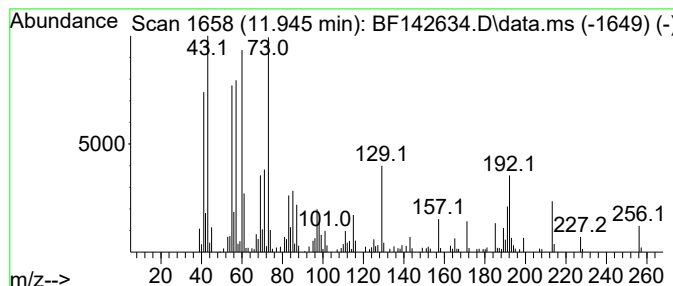
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	6.51 ng	245939	Phenanthrene-d10	11.421

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			Tridecanoic acid	214	C13H26O2	000638-53-9	86
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	60



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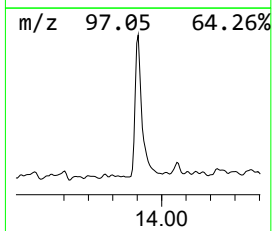
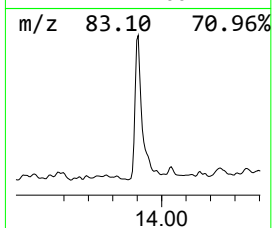
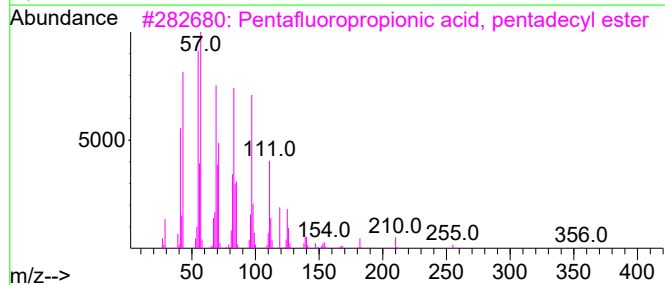
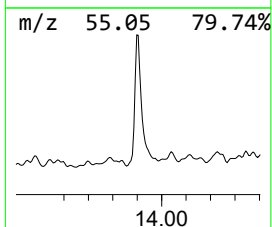
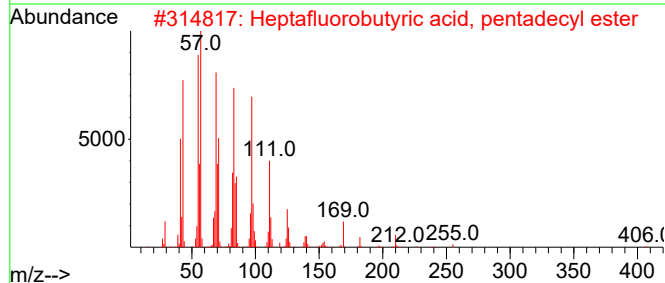
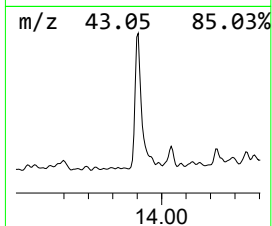
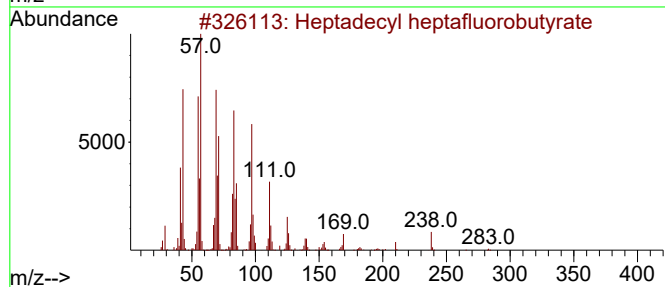
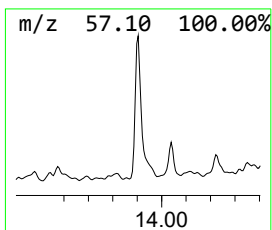
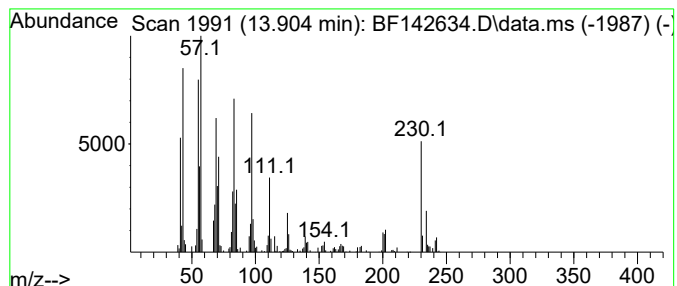
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heptadecyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	2.30 ng	161812	Chrysene-d12	14.062

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	89
2		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	89
3		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	89
4		1-Hexacosene	364	C26H52	018835-33-1	89
5		Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	89



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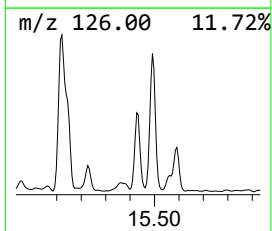
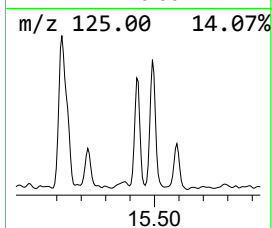
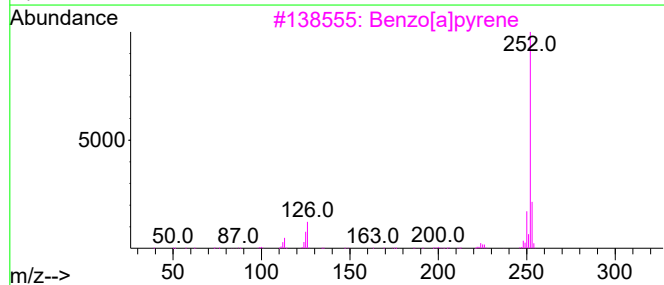
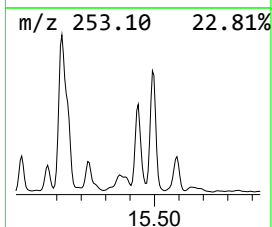
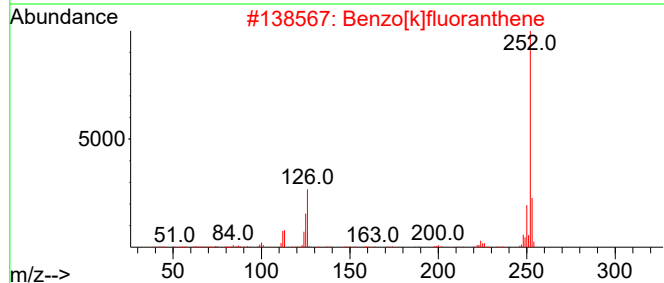
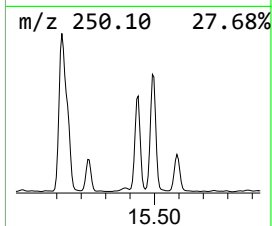
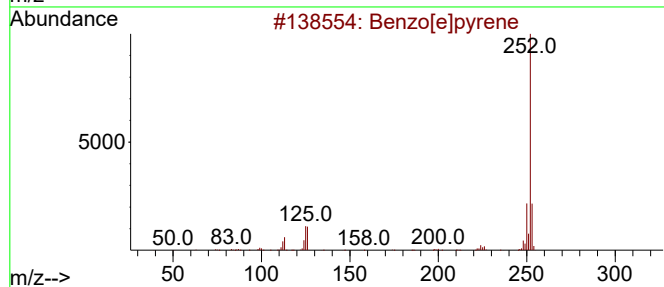
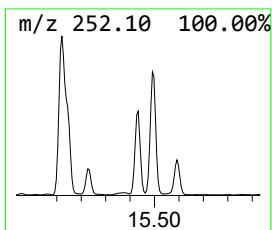
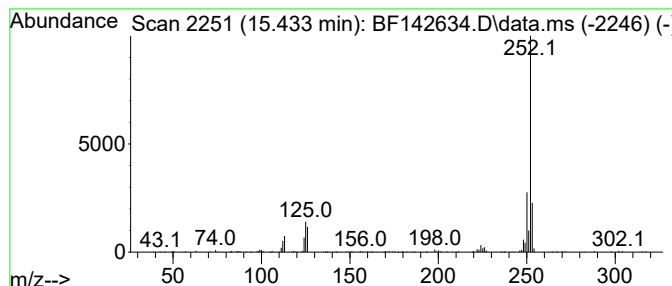
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.433	4.08 ng	185346	Perylene-d12	15.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3			Benzo[a]pyrene	252	C20H12	000050-32-8	93
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
Data File : BF142634.D
Acq On : 05 Jun 2025 15:06
Operator : RC/JU
Sample : Q2199-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-231

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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-...	5.110	7.2	ng	248798	1	6.892	696145	20.0
Benzophenone	10.645	9.0	ng	355088	3	9.933	789660	20.0
n-Hexadecanoic ...	11.945	6.5	ng	245939	4	11.421	756118	20.0
Heptadecyl hept...	13.904	2.3	ng	161812	5	14.062	1407480	20.0
Benzo[e]pyrene	15.433	4.1	ng	185346	6	15.562	909375	20.0