

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053023\
 Data File : BF133529.D
 Acq On : 30 May 2023 18:53
 Operator : CG\JU
 Sample : 02965-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-338

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-BF052523.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133529.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	3	8	14	rVB	269217	340365	11.40%	1.226%
2	5.051	498	504	511	rVB	238756	320358	10.73%	1.154%
3	5.445	566	571	574	rBV	2834746	2822206	94.56%	10.163%
4	6.457	737	743	746	rBV	2640746	2863708	95.95%	10.312%
5	6.828	803	806	810	rBV	1107730	910099	30.49%	3.277%
6	7.392	897	902	905	rBV	2072120	1795097	60.14%	6.464%
7	8.110	1021	1024	1028	rBV	1314960	1181686	39.59%	4.255%
8	9.192	1203	1208	1211	rBV	3441347	2984700	100.00%	10.748%
9	9.869	1319	1323	1326	rBV	1583566	1250783	41.91%	4.504%
10	10.580	1440	1444	1448	rVB	270581	220834	7.40%	0.795%
11	10.657	1452	1457	1460	rBV	2131233	1925933	64.53%	6.935%
12	10.780	1475	1478	1483	rVB3	32696	38355	1.29%	0.138%
13	11.151	1538	1541	1548	rBV	477855	398036	13.34%	1.433%
14	11.357	1572	1576	1578	rBV	1517922	1336398	44.77%	4.812%
15	11.374	1578	1579	1583	rVV	204181	148200	4.97%	0.534%
16	11.427	1586	1588	1591	rVB	64215	49413	1.66%	0.178%
17	11.857	1658	1661	1663	rBV	55899	52140	1.75%	0.188%
18	11.880	1663	1665	1670	rVV	197870	191730	6.42%	0.690%
19	11.963	1676	1679	1682	rBV2	71895	83662	2.80%	0.301%
20	12.169	1713	1714	1719	rVB2	41773	38320	1.28%	0.138%
21	12.404	1751	1754	1757	rBV	49332	51211	1.72%	0.184%
22	12.486	1766	1768	1773	rVB2	52013	53047	1.78%	0.191%
23	12.563	1778	1781	1785	rBV	450140	393963	13.20%	1.419%
24	12.669	1795	1799	1802	rBV3	50622	59947	2.01%	0.216%
25	12.792	1813	1820	1823	rBV	396321	449230	15.05%	1.618%
26	12.845	1827	1829	1834	rVB3	31350	41159	1.38%	0.148%
27	12.945	1842	1846	1849	rBV	3179658	2979294	99.82%	10.728%
28	13.016	1853	1858	1862	rBV2	56020	81533	2.73%	0.294%
29	13.192	1881	1888	1890	rBV3	64119	92056	3.08%	0.331%
30	13.227	1890	1894	1897	rVV2	85097	81608	2.73%	0.294%
31	13.321	1907	1910	1912	rBV	79848	65032	2.18%	0.234%
32	13.351	1912	1915	1919	rVV2	45420	40600	1.36%	0.146%
33	13.521	1941	1944	1947	rVB3	39696	39815	1.33%	0.143%
34	13.627	1960	1962	1967	rVB2	52391	56784	1.90%	0.204%
35	13.733	1977	1980	1985	rBV2	48308	87144	2.92%	0.314%
36	13.792	1988	1990	1996	rVV2	60055	74404	2.49%	0.268%

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Sampling : 1

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Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.851	1996	2000	2008	rVB3	130528	216238	7.24%	0.779%
38	13.998	2019	2025	2027	rBV2	1107976	1368959	45.87%	4.930%
39	14.021	2027	2029	2034	rVB	188417	185620	6.22%	0.668%
40	14.174	2052	2055	2058	rVB4	30341	33174	1.11%	0.119%
41	14.380	2086	2090	2093	rVB	66432	66899	2.24%	0.241%
42	14.415	2093	2096	2100	rVB2	46846	40875	1.37%	0.147%
43	14.474	2103	2106	2108	rBV2	49496	45409	1.52%	0.164%
44	14.504	2108	2111	2113	rBV3	42865	38230	1.28%	0.138%
45	14.680	2138	2141	2144	rBV5	30702	36105	1.21%	0.130%
46	14.768	2152	2156	2157	rBV4	29635	39087	1.31%	0.141%
47	14.851	2167	2170	2172	rBV3	29306	34630	1.16%	0.125%
48	14.933	2181	2184	2188	rVB4	31358	33358	1.12%	0.120%
49	15.027	2195	2200	2203	rBV	261547	382006	12.80%	1.376%
50	15.133	2215	2218	2221	rVB2	45341	52343	1.75%	0.188%
51	15.327	2247	2251	2256	rVB	148993	181884	6.09%	0.655%
52	15.386	2257	2261	2265	rBV	161689	177466	5.95%	0.639%
53	15.451	2267	2272	2276	rBV	661288	827365	27.72%	2.979%
54	15.933	2350	2354	2358	rBV3	25537	43236	1.45%	0.156%
55	16.456	2437	2443	2449	rBV8	57671	102165	3.42%	0.368%
56	16.892	2512	2517	2527	rVB2	76452	156386	5.24%	0.563%
57	17.327	2585	2591	2598	rVB	54003	110195	3.69%	0.397%

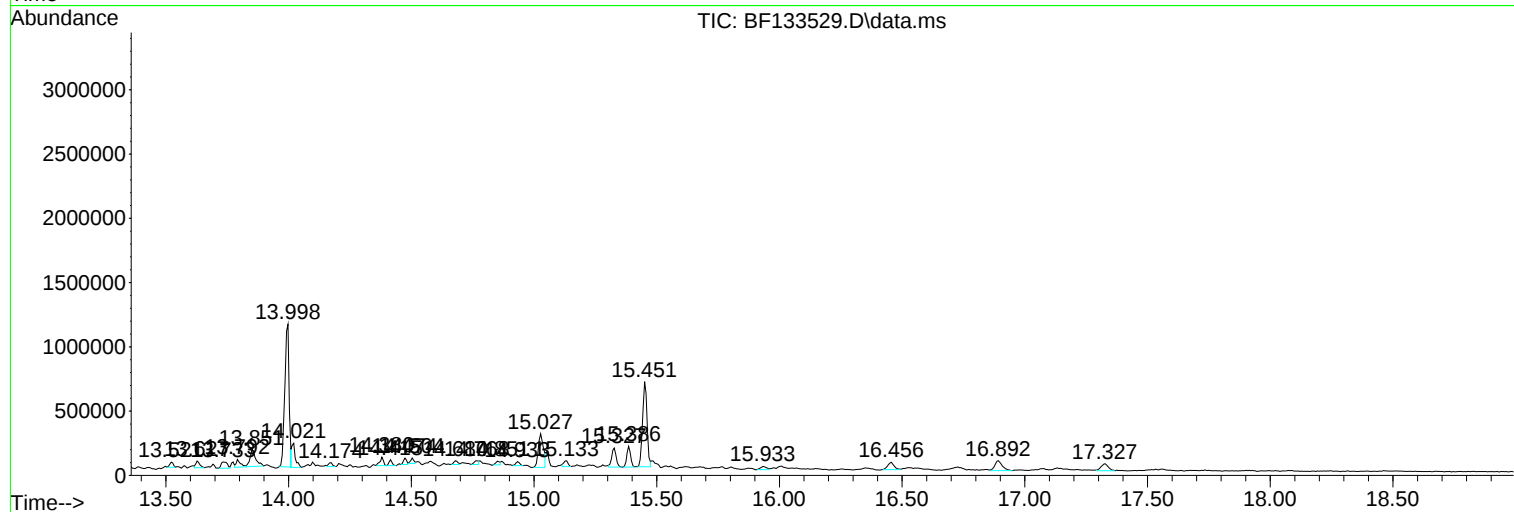
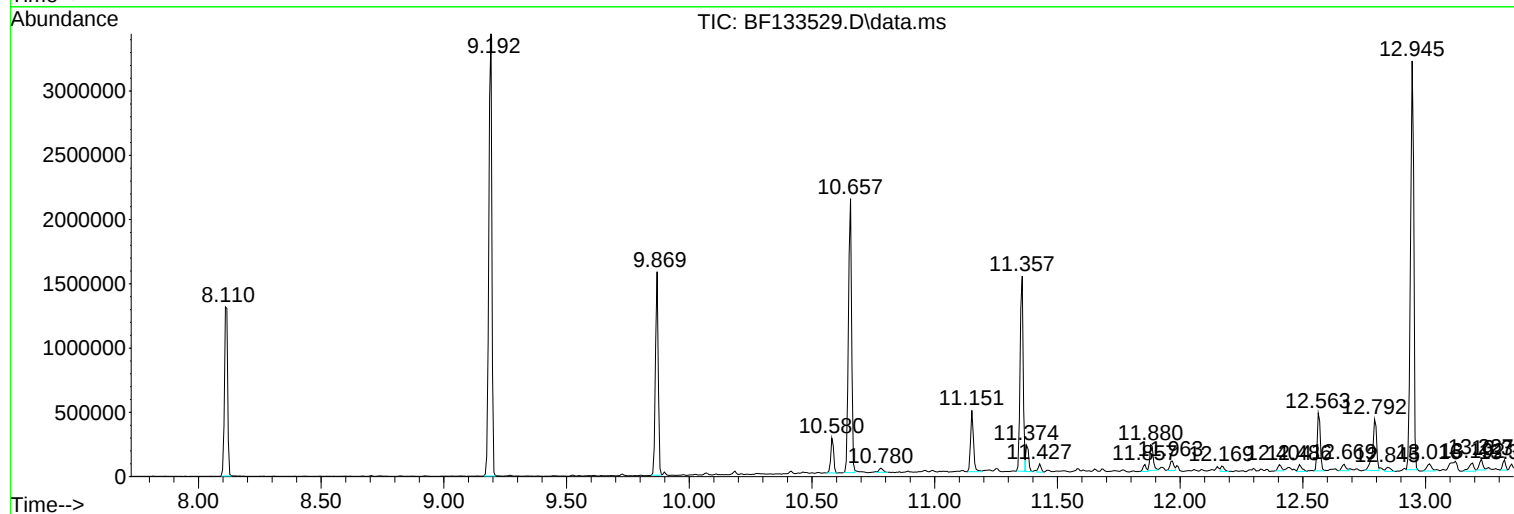
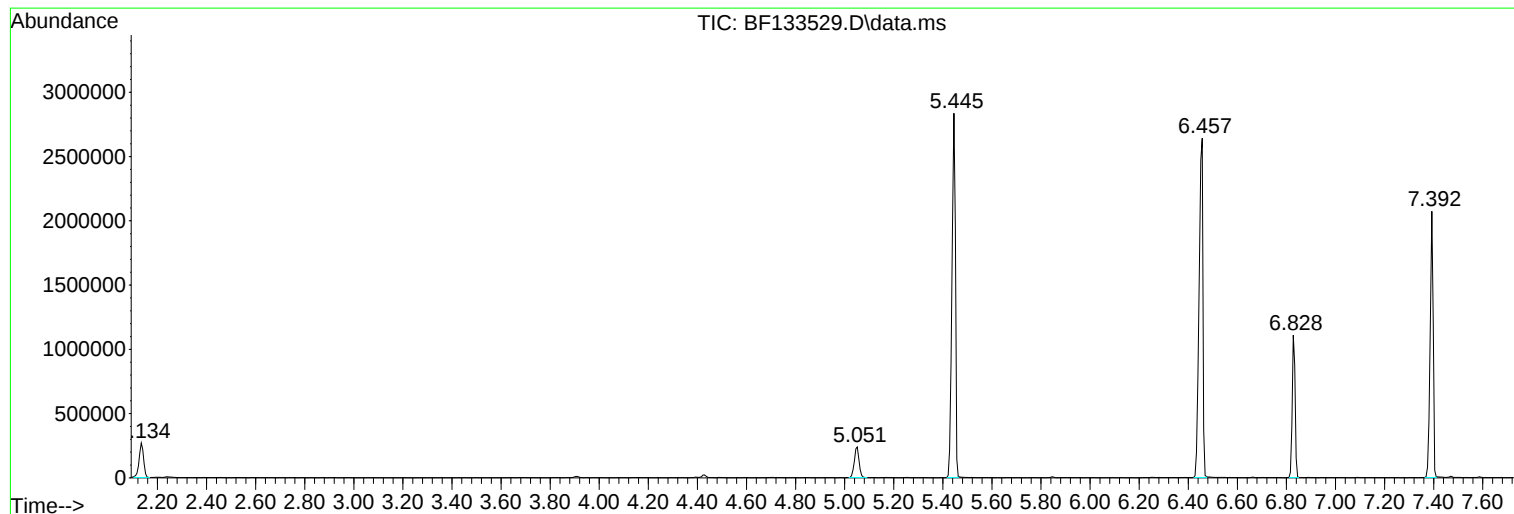
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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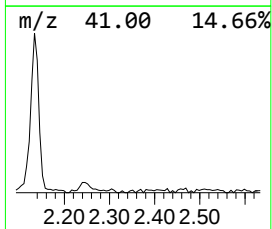
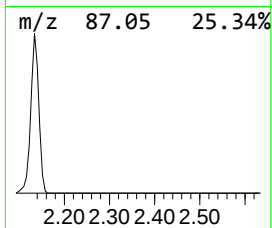
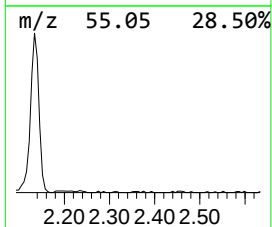
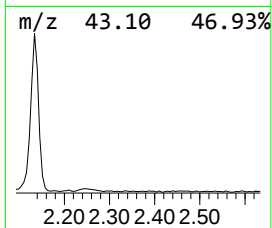
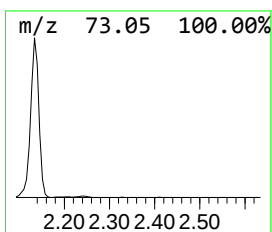
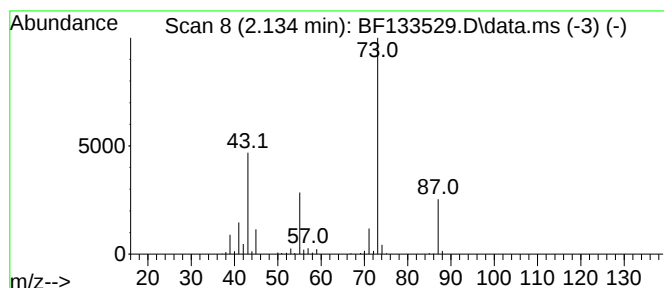
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.134	7.48 ng	340365	1,4-Dichlorobenzene-d4	6.828

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			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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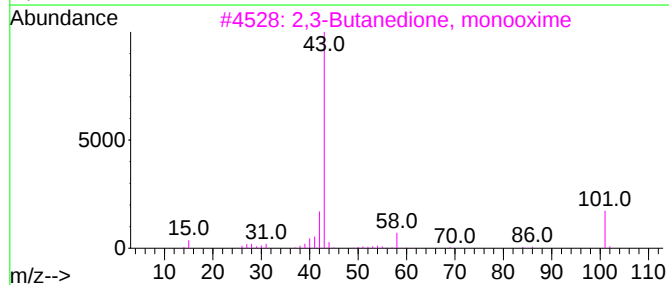
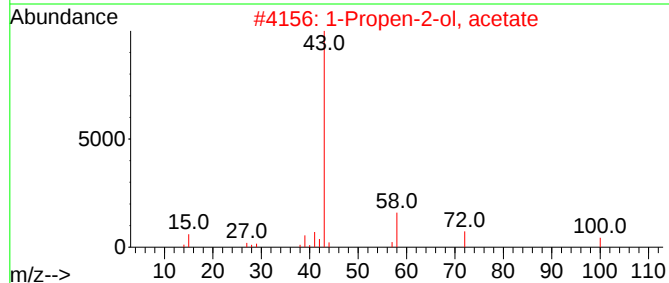
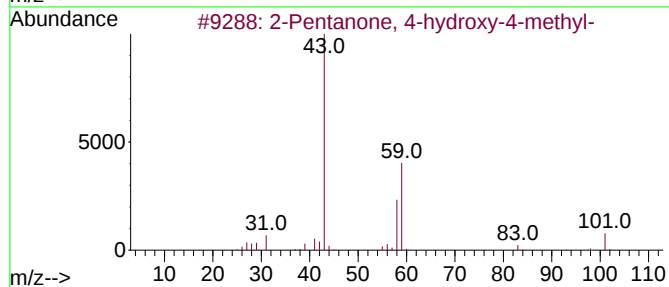
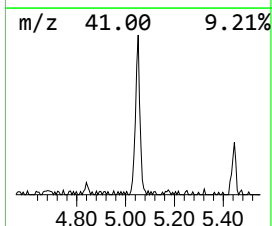
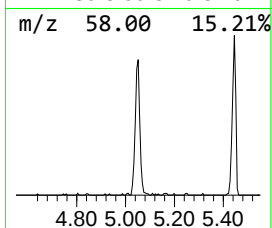
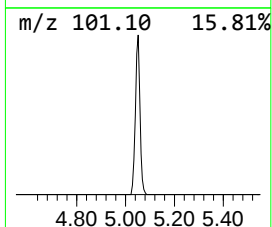
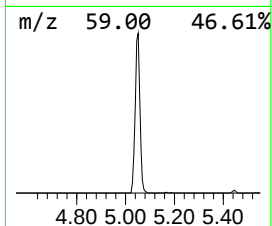
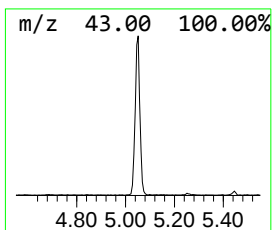
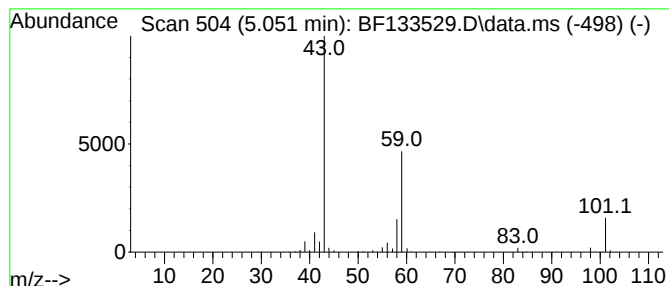
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.051	7.04 ng	320358	1,4-Dichlorobenzene-d4	6.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4			2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
5			Acetone	58	C3H6O	000067-64-1	7



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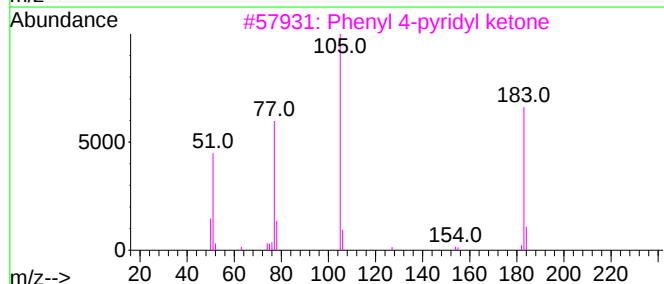
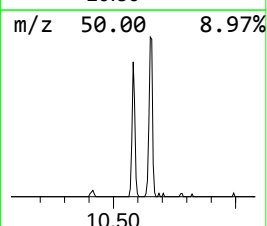
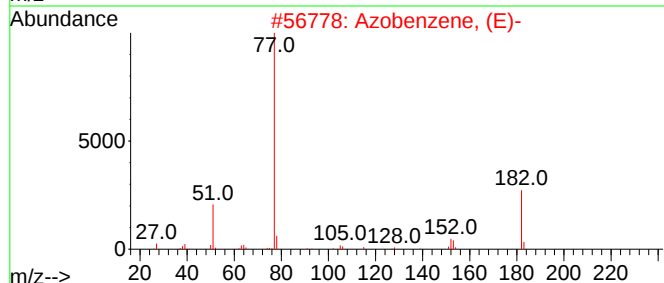
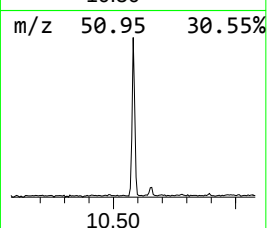
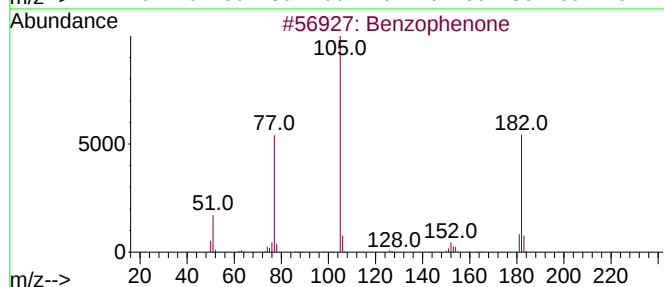
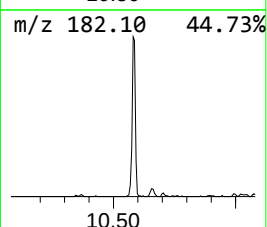
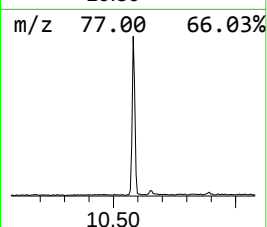
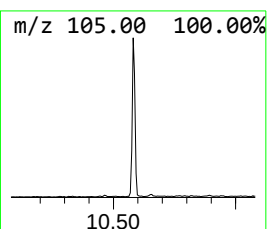
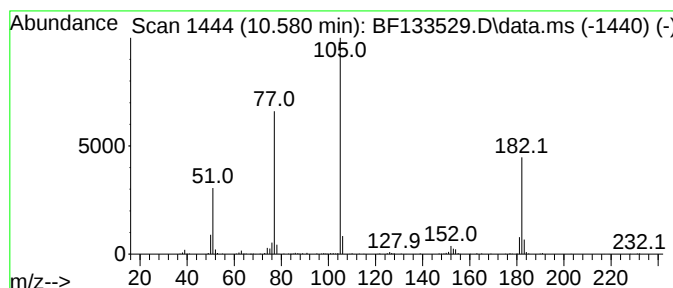
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.580	3.53 ng	220834	Acenaphthene-d10	9.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	95
2			Azobenzene, (E)-	182	C12H10N2	017082-12-1	59
3			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	58
4			Benzilic acid	228	C14H12O3	000076-93-7	49
5			Ethanedione, diphenyl-	210	C14H10O2	000134-81-6	47



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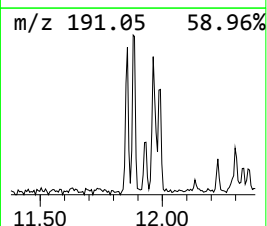
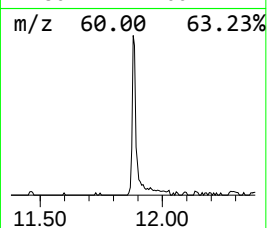
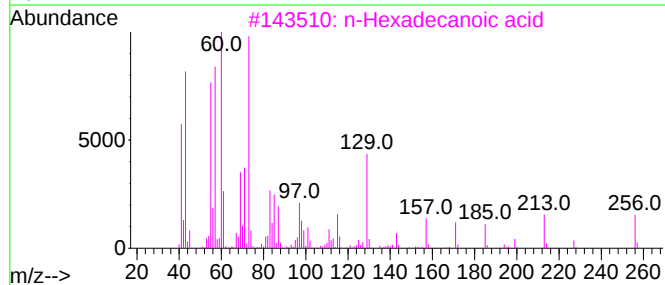
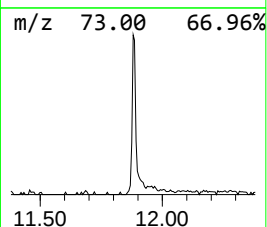
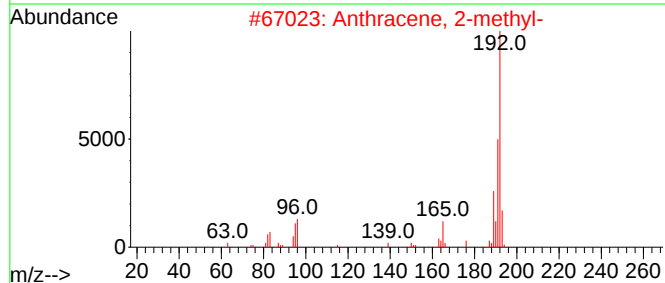
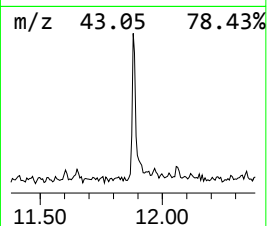
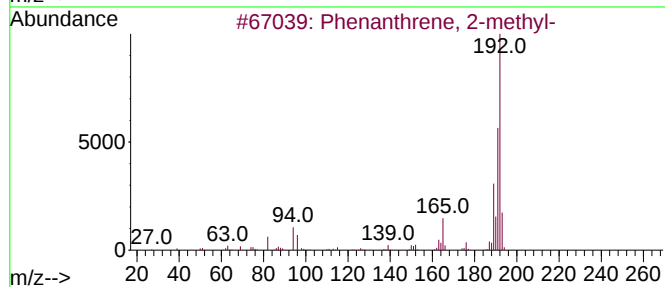
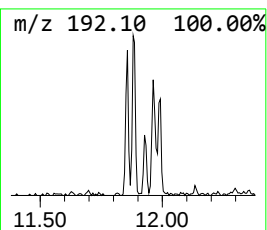
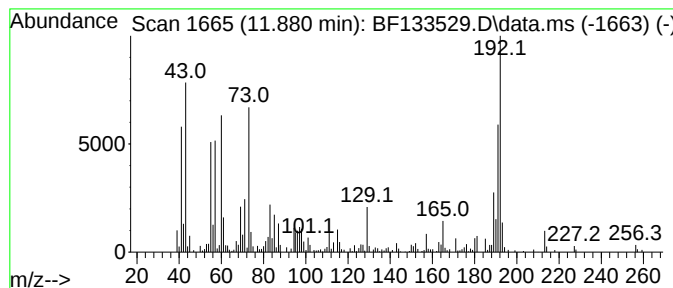
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	2.87 ng	191730	Phenanthrene-d10	11.357

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	92
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91



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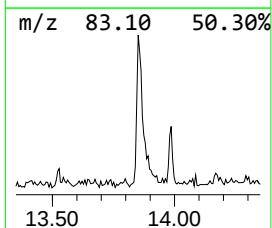
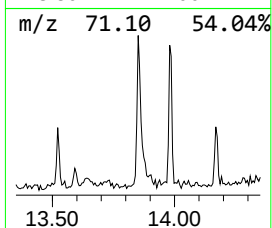
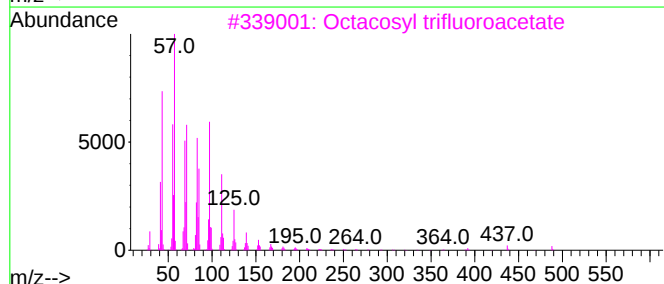
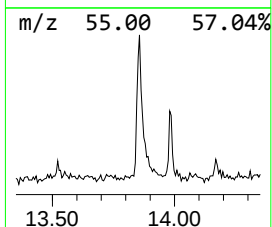
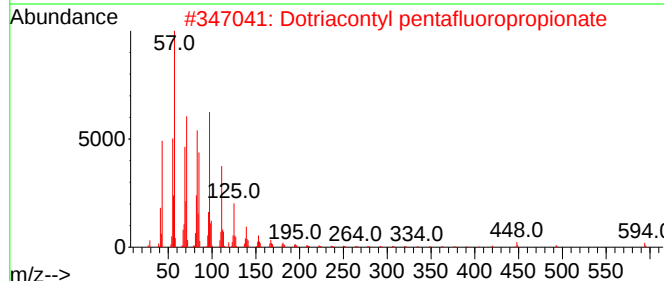
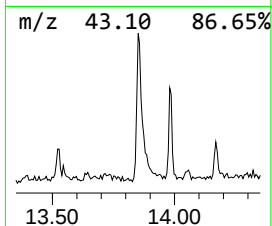
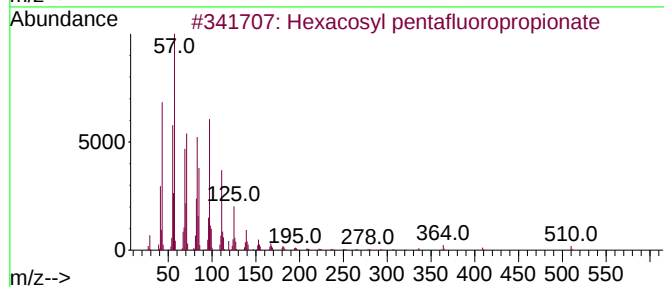
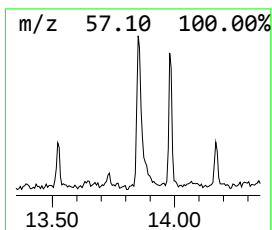
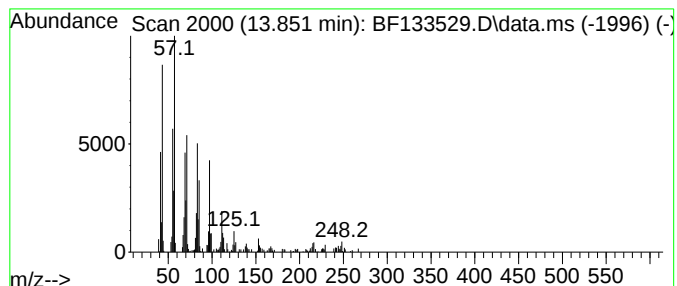
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexacosyl pentafluoropropio... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.851	3.16 ng	216238	Chrysene-d12	13.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	91
2			Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1010351-81-4	91
3			Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
4			Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
5			Triacetyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053023\
Data File : BF133529.D
Acq On : 30 May 2023 18:53
Operator : CG\JU
Sample : 02965-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-338

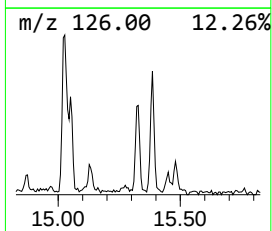
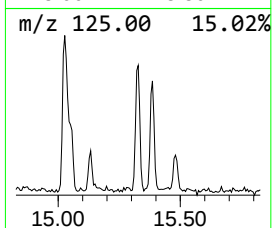
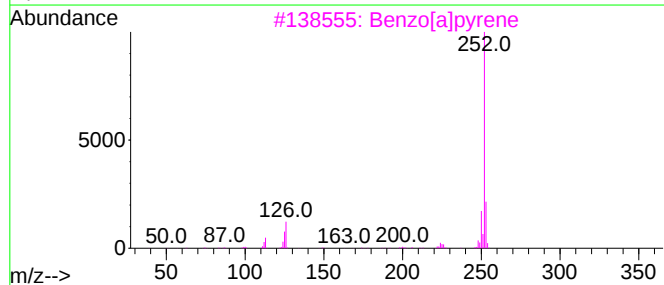
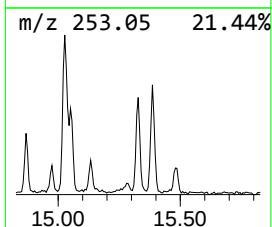
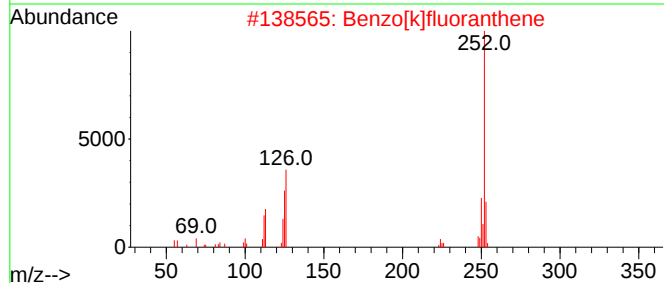
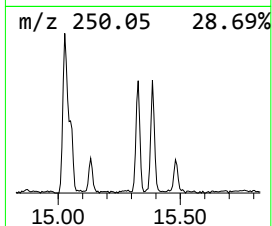
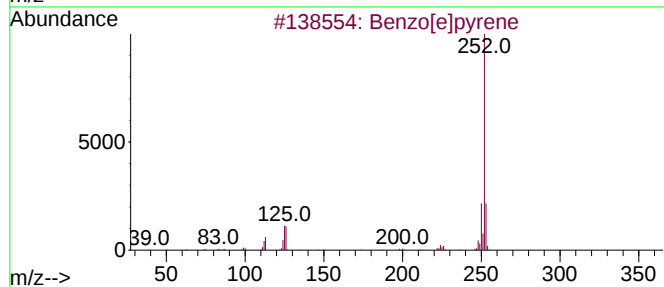
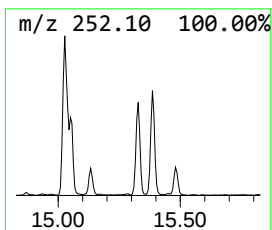
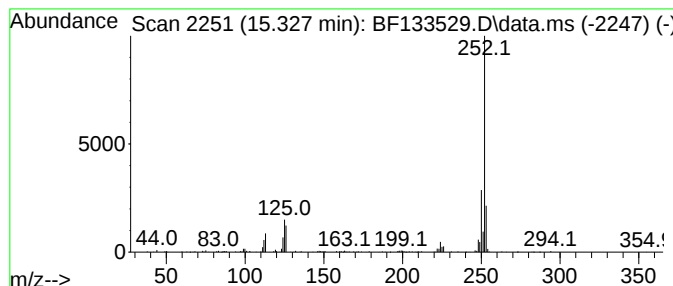
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.327	4.40 ng	181884	Perylene-d12	15.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	94
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\BF053023\
Data File : BF133529.D
Acq On : 30 May 2023 18:53
Operator : CG\JU
Sample : 02965-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-338

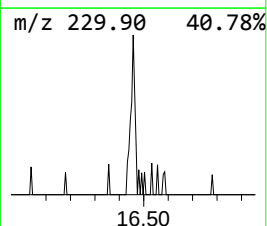
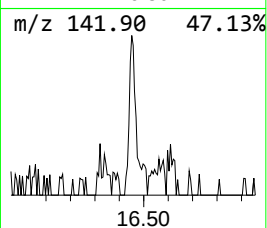
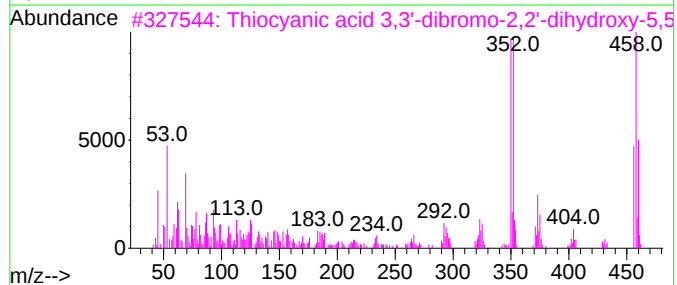
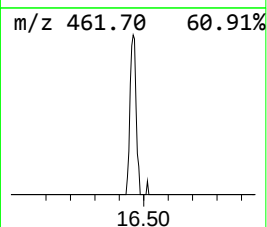
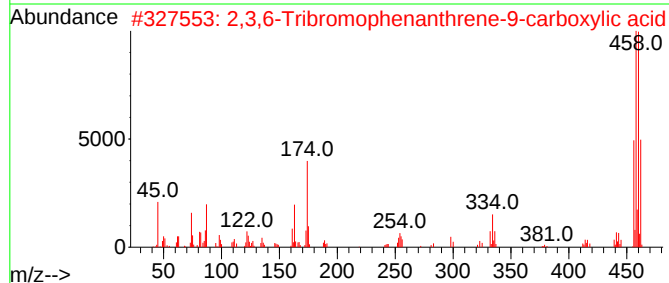
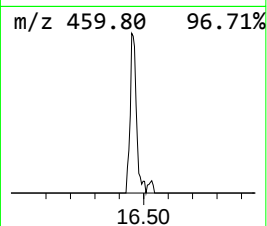
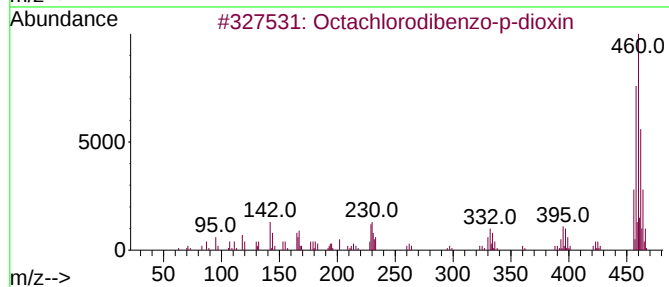
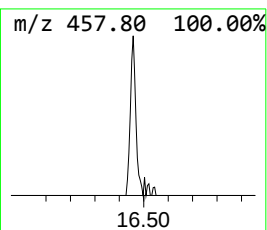
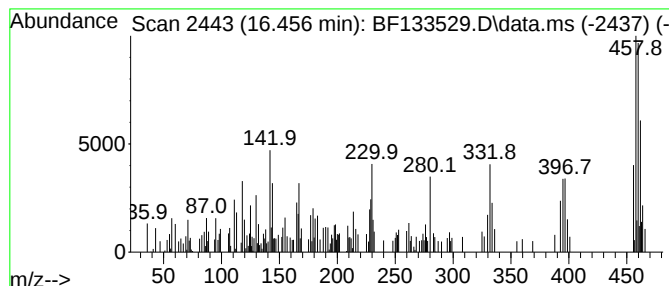
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octachlorodibenzo-p-dioxin Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.456	2.47 ng	102165	Perylene-d12	15.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octachlorodibenzo-p-dioxin	456	C12Cl8O2	003268-87-9	97
2			2,3,6-Tribromophenanthrene-9-car...	456	C15H7Br3O2	056988-60-4	52
3			Thiocyanic acid 3,3'-dibromo-2,2...	456	C14H6Br2N2O2S2	1000251-75-9	35
4			Silane, dimethyl(4-bromophenoxy)...	456	C23H41BrO2Si	1000347-11-7	10
5			N,N,N',N'-Tetra(trimethylsilyl)-...	460	C18H40N2S2Si4	135577-97-8	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053023\
Data File : BF133529.D
Acq On : 30 May 2023 18:53
Operator : CG\JU
Sample : 02965-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-338

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.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...	2.134	7.5	ng	340365	1	6.828	910099	20.0
2-Pentanone, 4-...	5.051	7.0	ng	320358	1	6.828	910099	20.0
Benzophenone	10.580	3.5	ng	220834	3	9.869	1250780	20.0
Phenanthrene, 2...	11.880	2.9	ng	191730	4	11.357	1336400	20.0
Hexacosyl penta...	13.851	3.2	ng	216238	5	13.998	1368960	20.0
Benzo[e]pyrene	15.327	4.4	ng	181884	6	15.451	827365	20.0
Octachlorodiben...	16.456	2.5	ng	102165	6	15.451	827365	20.0