

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090421\
 Data File : BF125365.D
 Acq On : 4 Sep 2021 12:58
 Operator : JU/CG
 Sample : M3648-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20211055-SI-COMPOSITE-4

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-BF081821.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125365.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.198	11	19	29	rVB	1250174	1658240	45.39%	6.002%
2	5.522	579	584	587	rBV	3800613	3610316	98.83%	13.067%
3	6.528	750	755	758	rBV	3507114	3546117	97.07%	12.835%
4	6.898	814	818	821	rBV	1034950	837406	22.92%	3.031%
5	7.463	908	914	917	rBV	2255921	2311701	63.28%	8.367%
6	8.080	1016	1019	1032	rBV	219599	425827	11.66%	1.541%
7	8.180	1032	1036	1039	rBV	1233615	1049421	28.73%	3.798%
8	9.257	1214	1219	1222	rBV	4133441	3653035	100.00%	13.221%
9	9.933	1330	1334	1344	rVB	1268311	1139901	31.20%	4.126%
10	10.727	1464	1469	1472	rBV	2398283	2324747	63.64%	8.414%
11	11.298	1559	1566	1573	rVB5	28541	45029	1.23%	0.163%
12	11.421	1583	1587	1590	rBV	1191709	1065801	29.18%	3.857%
13	11.939	1670	1675	1684	rBV3	94246	129970	3.56%	0.470%
14	12.639	1790	1794	1797	rBV	89657	82405	2.26%	0.298%
15	12.868	1830	1833	1836	rVB	145911	140538	3.85%	0.509%
16	13.010	1849	1857	1860	rBV	3028832	2964834	81.16%	10.731%
17	13.192	1885	1888	1891	rVB	61417	59933	1.64%	0.217%
18	13.257	1897	1899	1902	rBV	63680	57350	1.57%	0.208%
19	13.892	2004	2007	2010	rBV2	43191	43883	1.20%	0.159%
20	13.927	2010	2013	2016	rBV	95141	101616	2.78%	0.368%
21	14.062	2028	2036	2039	rBV	877520	901106	24.67%	3.261%
22	14.086	2039	2040	2046	rVB	107706	90548	2.48%	0.328%
23	14.451	2098	2102	2106	rBV	31358	39731	1.09%	0.144%
24	15.115	2211	2215	2218	rBV	112272	159968	4.38%	0.579%
25	15.427	2264	2268	2275	rVB	62642	84110	2.30%	0.304%
26	15.492	2275	2279	2284	rBV2	67206	101199	2.77%	0.366%
27	15.556	2285	2290	2303	rVB	715219	918034	25.13%	3.323%
28	16.015	2364	2368	2373	rVB4	26547	41841	1.15%	0.151%
29	17.068	2542	2547	2552	rVB3	23403	44923	1.23%	0.163%

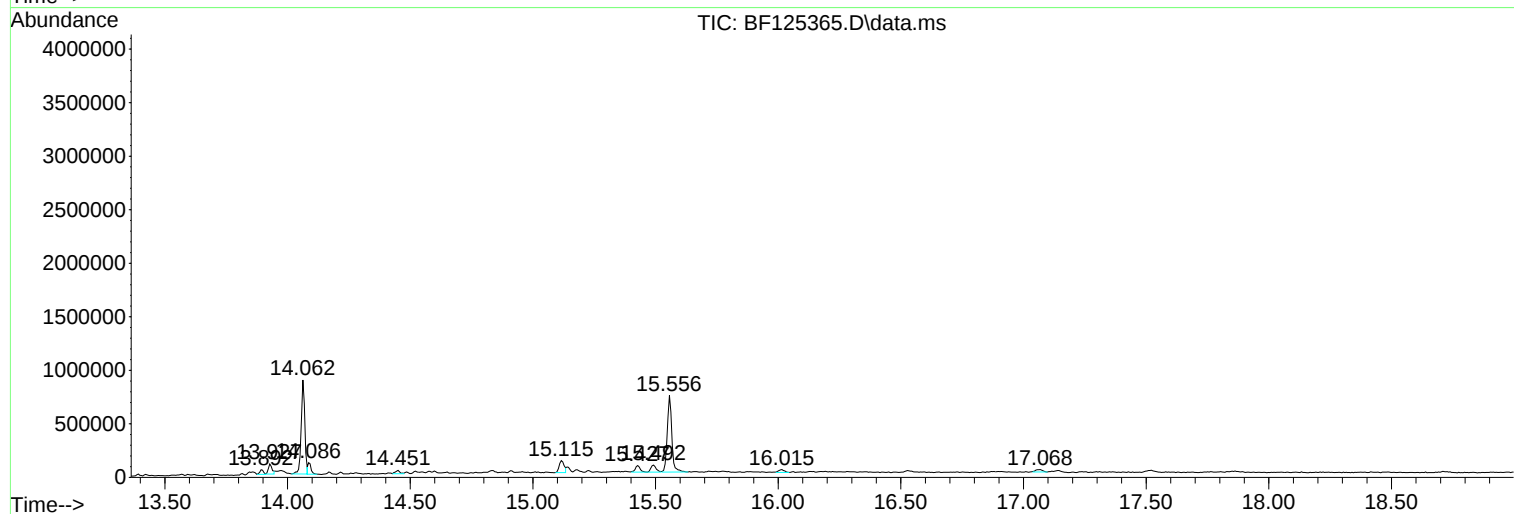
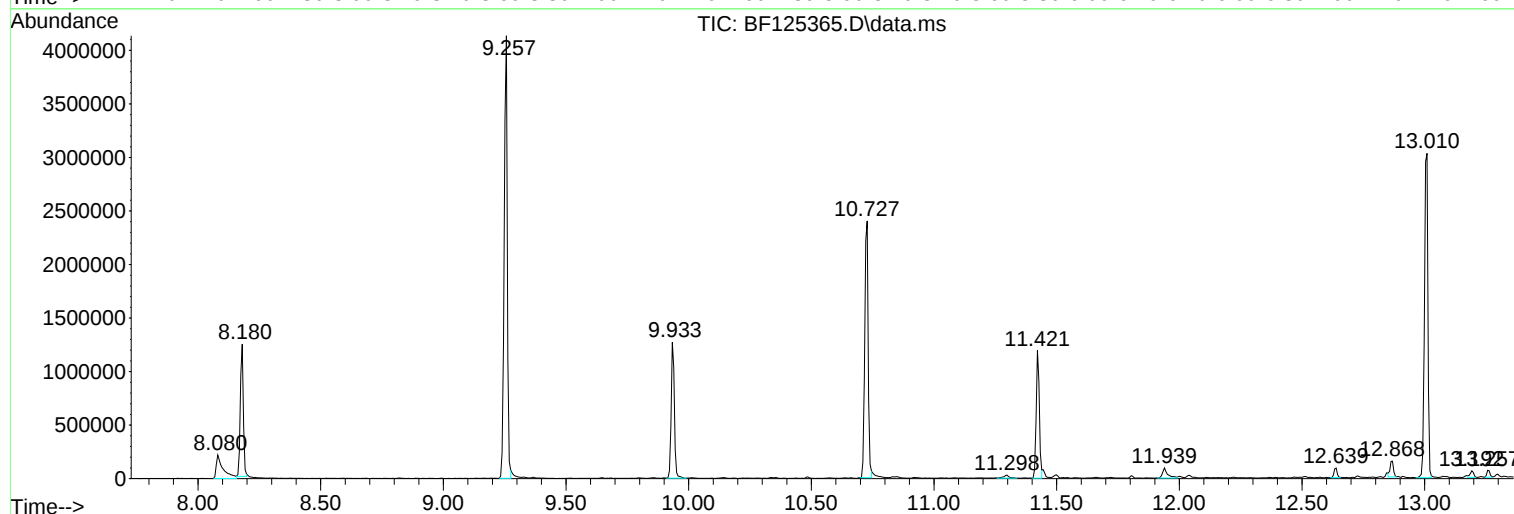
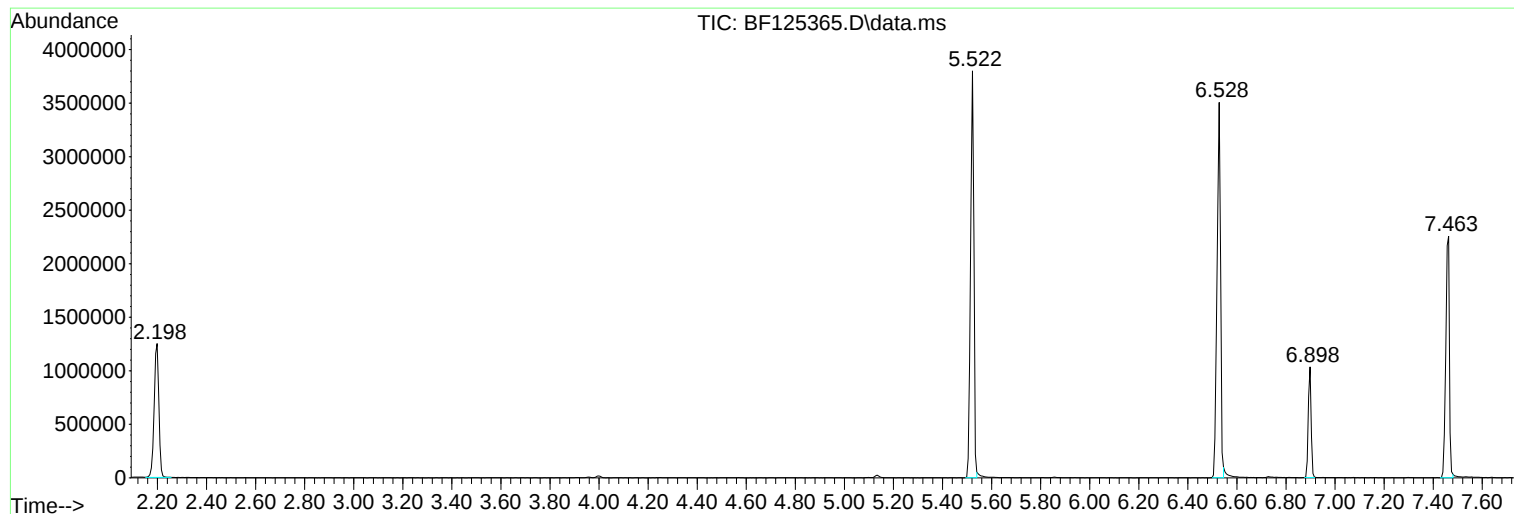
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Instrument :
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ClientSampleId :
20211055-SI-COMPOSITE-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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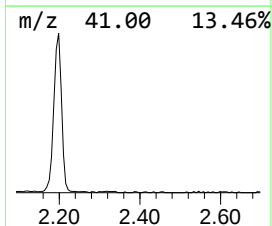
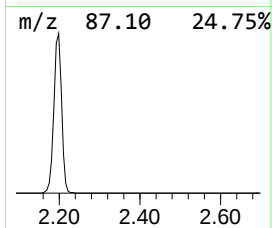
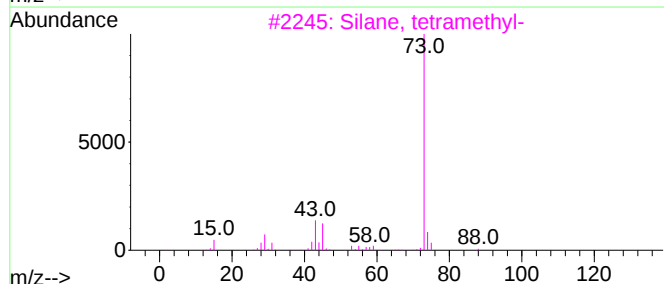
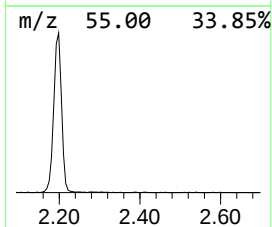
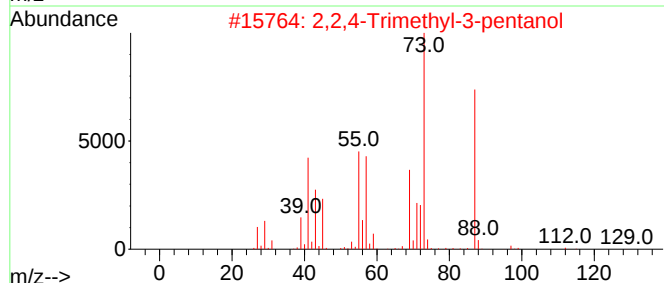
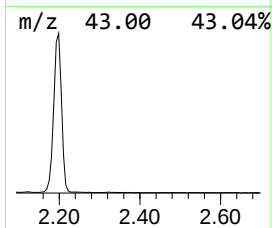
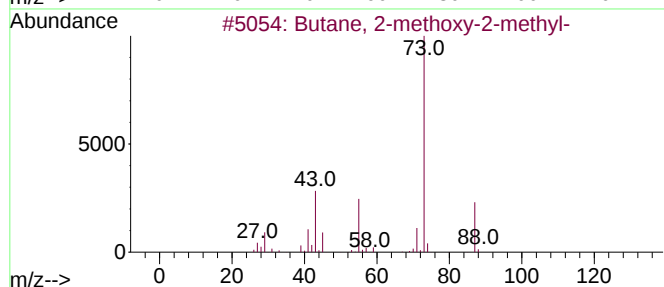
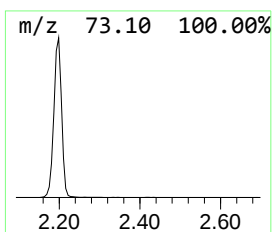
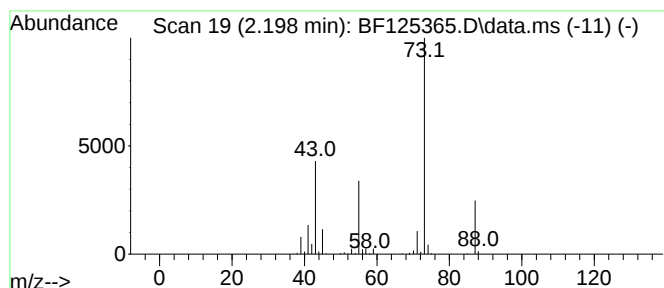
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.198	39.60 ng	1658240	1,4-Dichlorobenzene-d4	6.898

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	40
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	23
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23



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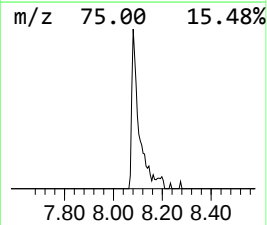
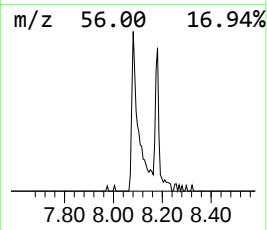
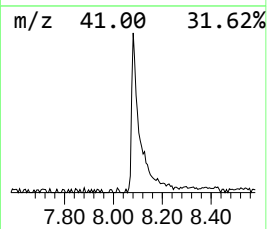
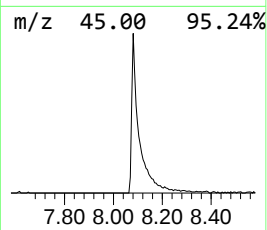
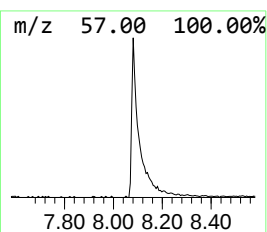
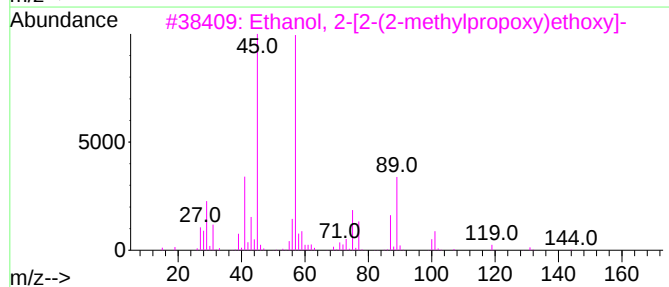
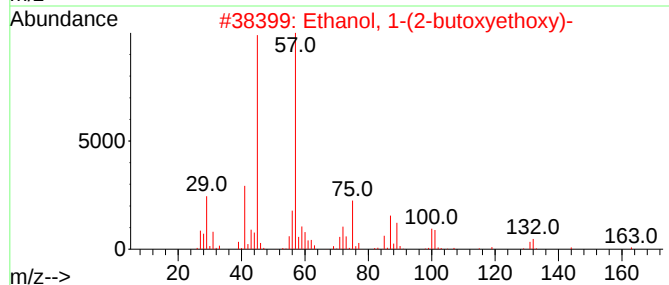
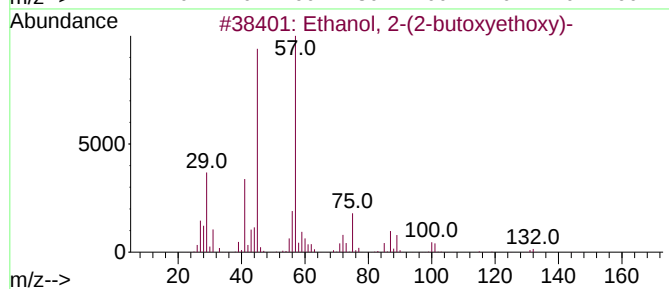
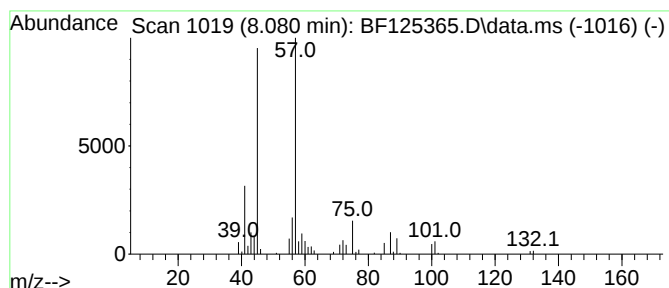
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.080	8.12 ng	425827	Naphthalene-d8	8.180

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3			Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	64
4			Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	59
5			Di-sec-Butyl ether	130	C8H18O	006863-58-7	53



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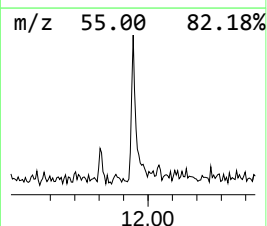
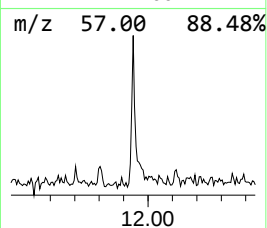
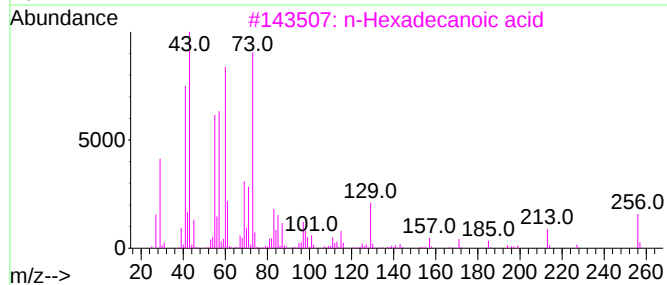
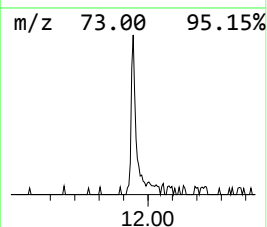
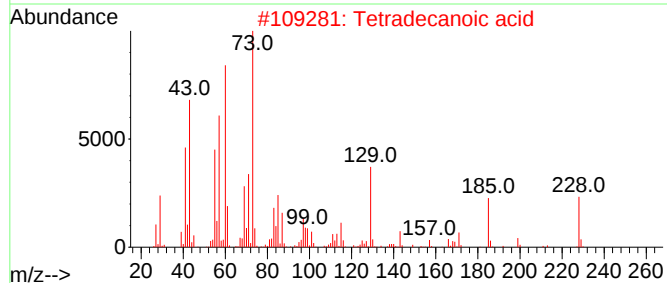
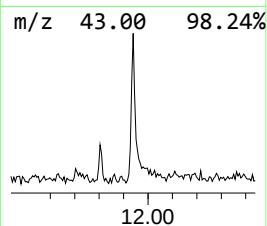
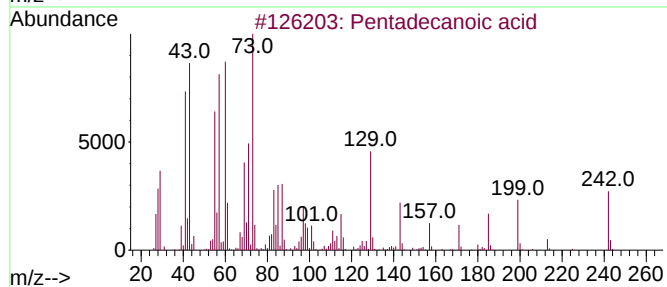
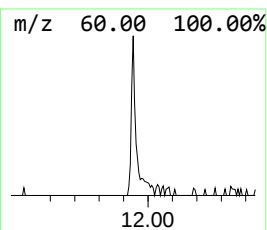
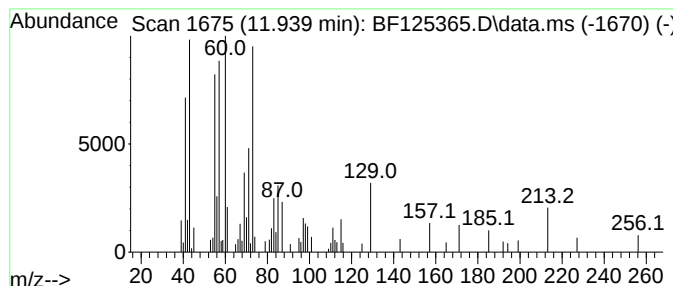
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Peak Number 3 Pentadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	2.44 ng	129970	Phenanthrene-d10	11.421

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecanoic acid	242	C15H30O2	001002-84-2	80
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4			Tridecanoic acid	214	C13H26O2	000638-53-9	58
5			Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	18



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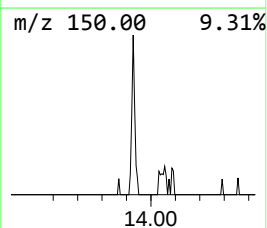
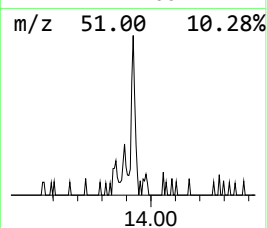
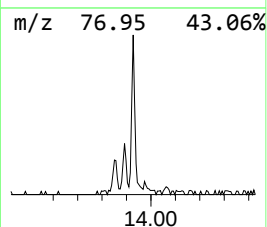
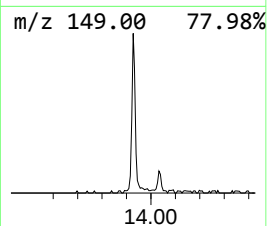
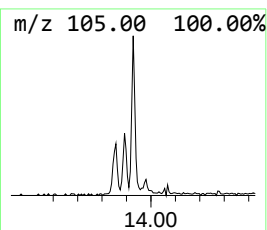
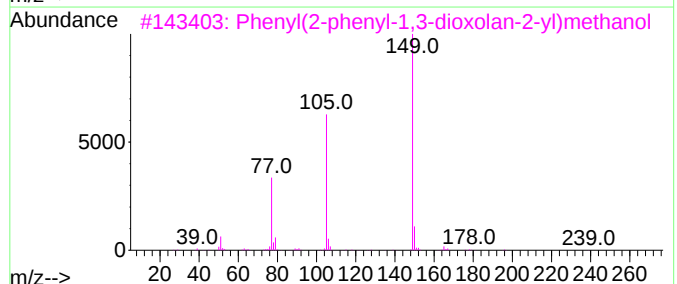
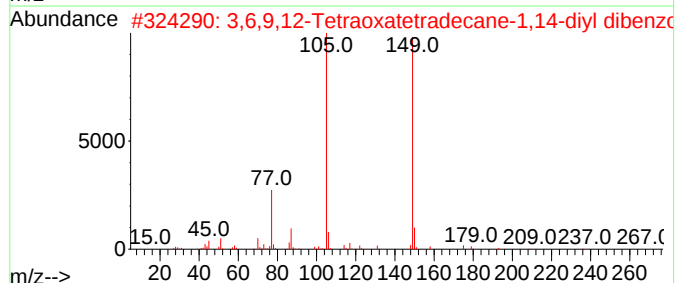
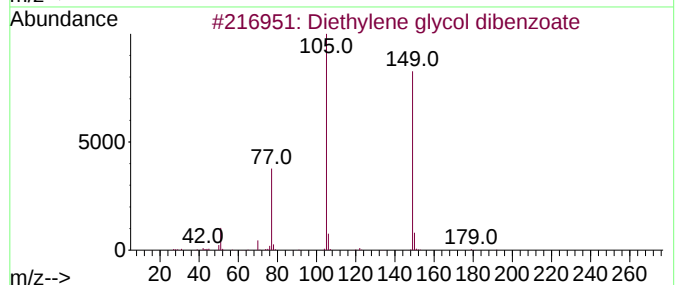
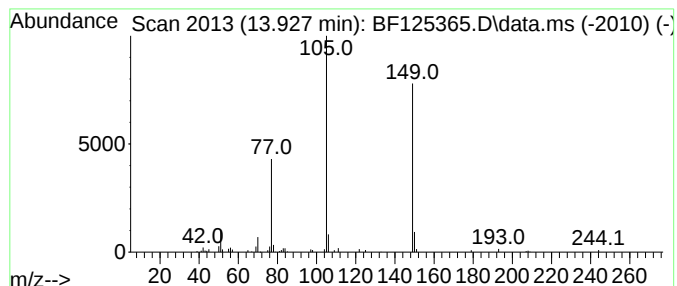
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Diethylene glycol dibenzoate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.927	2.26 ng	101616	Chrysene-d12	14.062

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	90
2			3,6,9,12-Tetraoxatetradecane-1,1...	446	C24H30O8	1000366-97-0	83
3			Phenyl(2-phenyl-1,3-dioxolan-2-y...	256	C16H16O3	005694-69-9	78
4			1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	59
5			2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	47



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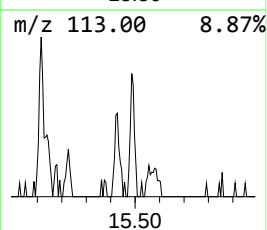
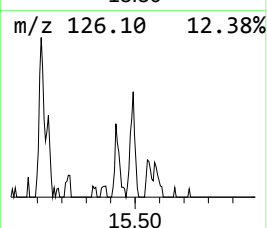
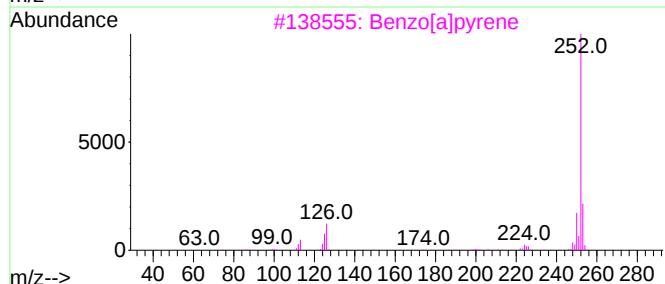
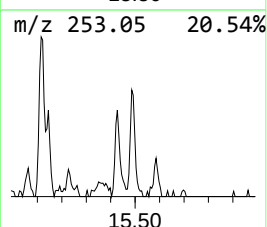
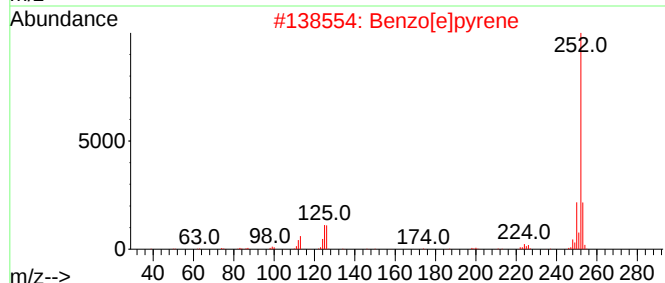
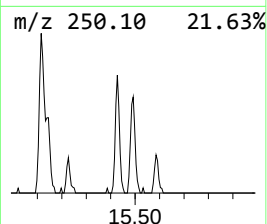
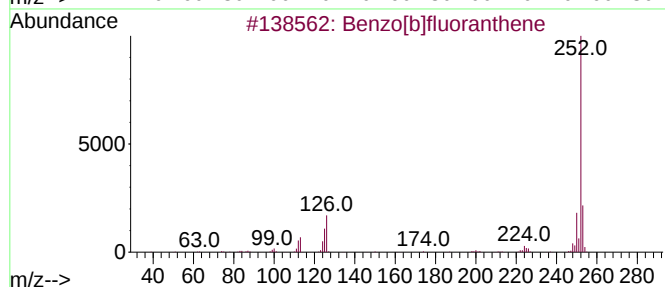
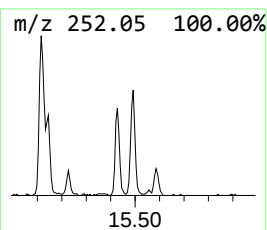
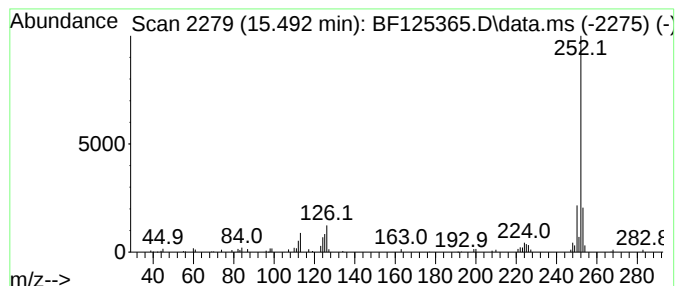
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.492	2.20 ng	101199	Perylene-d12	15.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
2			Benzo[e]pyrene	252	C20H12	000192-97-2	95
3			Benzo[a]pyrene	252	C20H12	000050-32-8	95
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	86



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20211055-SI-COMPOSITE-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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
Butane, 2-metho...	2.198	39.6	ng	1658240	1	6.898	837406	20.0
Ethanol, 2-(2-b...	8.080	8.1	ng	425827	2	8.180	1049420	20.0
Pentadecanoic acid	11.939	2.4	ng	129970	4	11.421	1065800	20.0
Diethylene glyc...	13.927	2.3	ng	101616	5	14.062	901106	20.0
Benzo[e]pyrene	15.492	2.2	ng	101199	6	15.557	918034	20.0