

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070821\
 Data File : BP006149.D
 Acq On : 08 Jul 2021 20:25
 Operator : CG/JU
 Sample : M2947-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOIL-PILE-8

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_P\Methods\8270E-BP070721.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP006149.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.987	319	323	332	rBV	55222	83967	1.21%	0.186%
2	5.452	396	402	426	rBV	2364650	3742248	53.82%	8.306%
3	7.058	669	675	693	rBV	2036536	3671677	52.80%	8.149%
4	7.875	805	814	823	rBV	638327	1046560	15.05%	2.323%
5	9.046	1004	1013	1038	rBV	1257030	2328099	33.48%	5.167%
6	10.475	1250	1256	1271	rBV2	142656	405786	5.84%	0.901%
7	10.675	1283	1290	1314	rVB	734111	1385882	19.93%	3.076%
8	13.134	1699	1708	1724	rBV	3311483	5043277	72.53%	11.193%
9	14.510	1936	1942	1949	rBV	1173344	1680079	24.16%	3.729%
10	14.575	1949	1953	1961	rVB2	41225	70258	1.01%	0.156%
11	15.563	2116	2121	2131	rVB2	37183	74426	1.07%	0.165%
12	16.004	2190	2196	2208	rBV	2519079	3705355	53.29%	8.224%
13	16.251	2234	2238	2242	rVB	54533	76926	1.11%	0.171%
14	16.340	2248	2253	2257	rBV	94019	133925	1.93%	0.297%
15	16.398	2259	2263	2269	rVB2	84612	163073	2.35%	0.362%
16	16.463	2269	2274	2278	rBV2	93645	142143	2.04%	0.315%
17	16.504	2278	2281	2285	rVB	61959	80937	1.16%	0.180%
18	16.581	2286	2294	2296	rBV2	54123	116561	1.68%	0.259%
19	16.663	2302	2308	2313	rVB4	100884	201968	2.90%	0.448%
20	16.728	2314	2319	2323	rBV	115011	162141	2.33%	0.360%
21	16.798	2328	2331	2335	rVB2	74270	96594	1.39%	0.214%
22	17.257	2404	2409	2414	rBV	1260552	1886617	27.13%	4.187%
23	17.304	2414	2417	2425	rVV	269387	397452	5.72%	0.882%
24	17.398	2428	2433	2438	rVB	92968	138955	2.00%	0.308%
25	18.134	2553	2558	2562	rBV3	89644	174478	2.51%	0.387%
26	18.175	2562	2565	2572	rVB	102228	145612	2.09%	0.323%
27	18.316	2584	2589	2593	rBV2	118990	210797	3.03%	0.468%
28	18.663	2644	2648	2656	rVB2	120844	170144	2.45%	0.378%
29	19.016	2704	2708	2712	rBV2	81702	134550	1.93%	0.299%
30	19.157	2728	2732	2737	rBV	137974	195117	2.81%	0.433%
31	19.269	2746	2751	2756	rVB	1394038	1711662	24.62%	3.799%
32	19.592	2802	2806	2807	rBV2	162014	198807	2.86%	0.441%
33	19.622	2807	2811	2819	rVB2	978942	1619867	23.30%	3.595%
34	19.810	2838	2843	2849	rBV	5626323	6953622	100.00%	15.433%
35	21.045	3050	3053	3061	rVB4	304635	575857	8.28%	1.278%
36	21.116	3061	3065	3072	rVB2	307734	507016	7.29%	1.125%

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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_P\Methods\8270E-BP070721.M
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37	21.339	3097	3103	3107	rBV2	1871014	2692064	38.71%	5.975%
38	21.375	3107	3109	3116	rVB	539841	612953	8.81%	1.360%
39	23.733	3504	3510	3517	rVB2	1193586	2318315	33.34%	5.145%

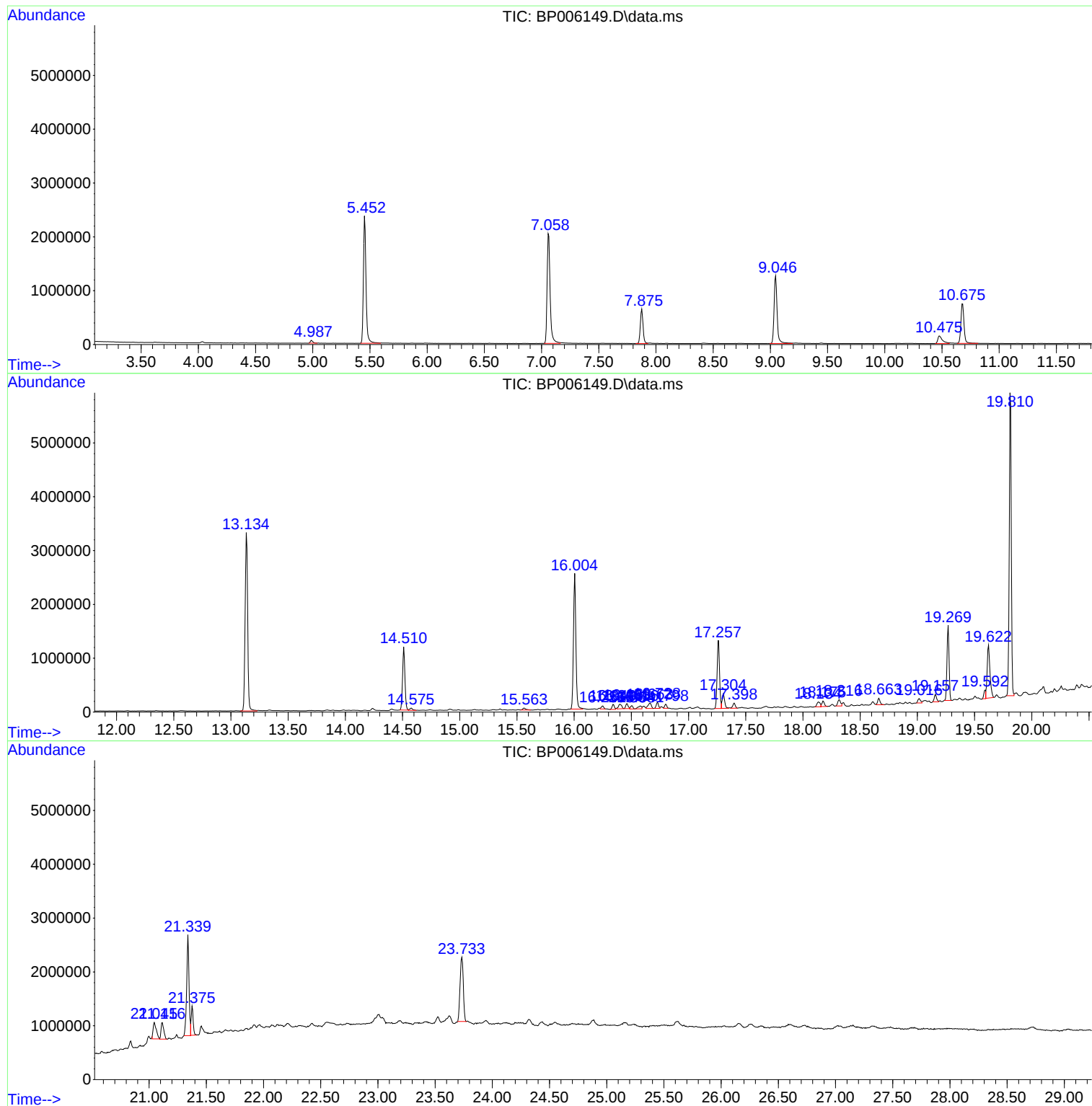
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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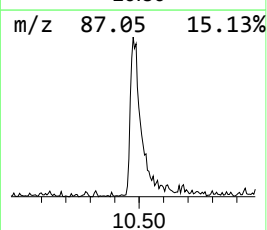
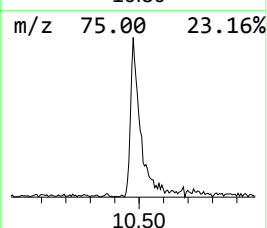
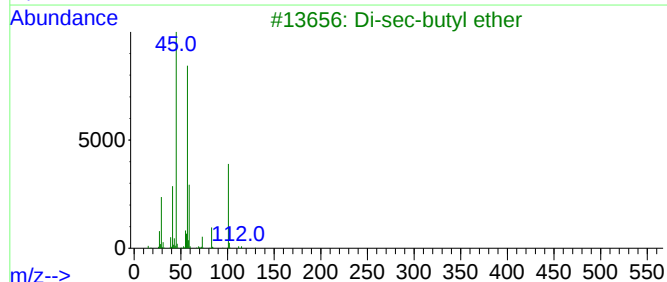
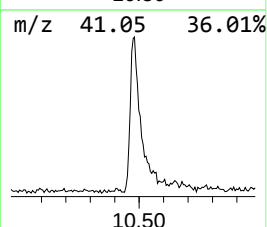
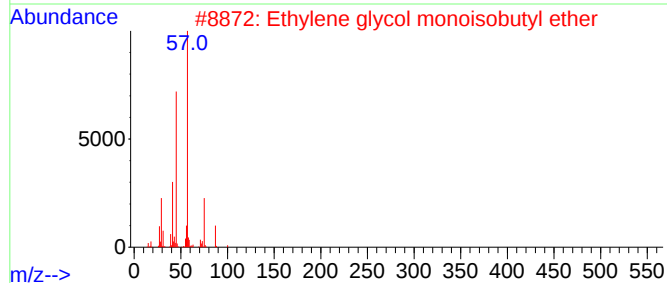
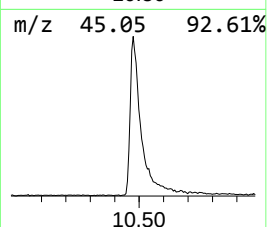
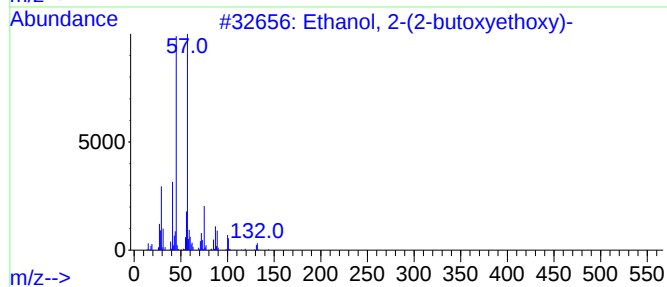
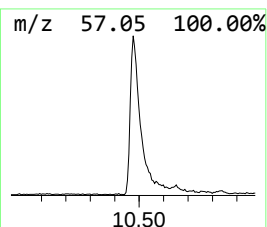
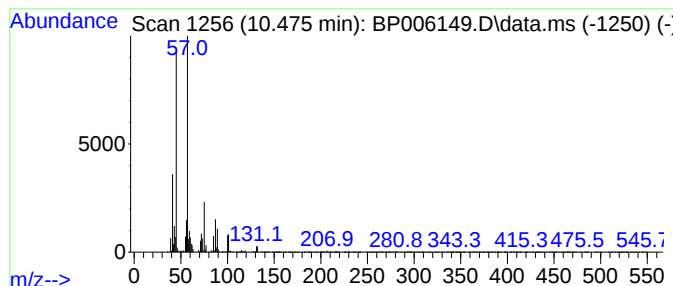
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.475	5.86 ng	405786	Naphthalene-d8	10.675

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
3			Di-sec-butyl ether	130	C8H18O	006863-58-7	50
4			Acetaldehyde, di-sec-butyl acetal	174	C10H22O2	005314-41-0	50
5			3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50



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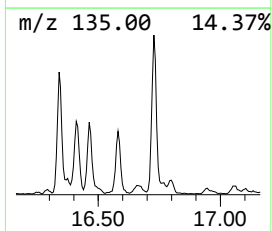
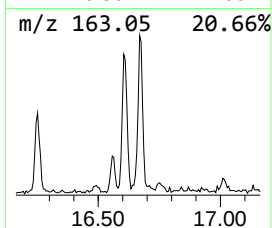
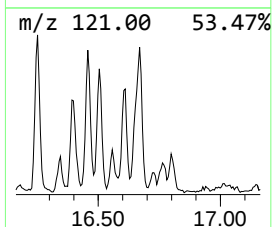
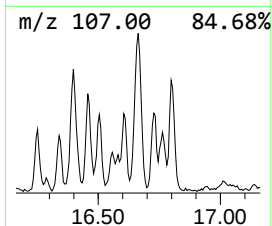
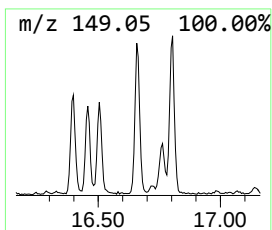
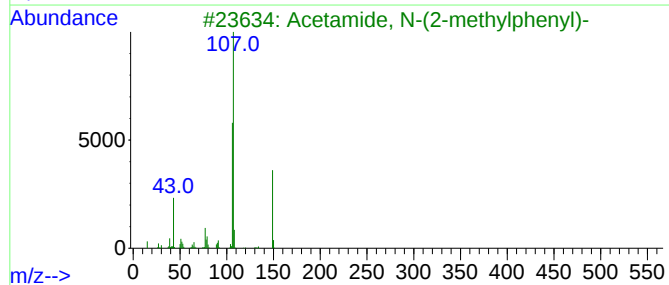
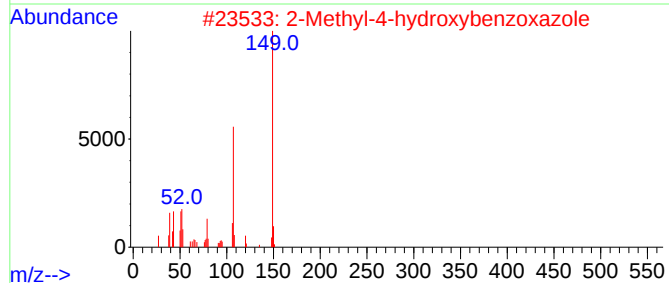
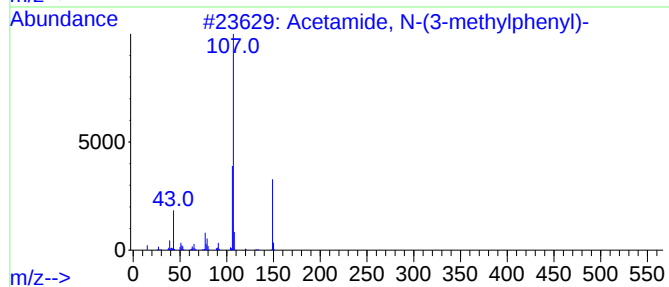
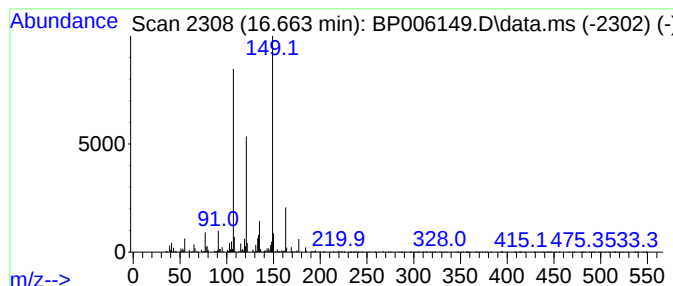
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Peak Number 2 Acetamide, N-(3-methylphenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.663	2.14 ng	201968	Phenanthrene-d10	17.263

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	68
2			2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	59
3			Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	46
4			4-Isopropoxy-4-phenylbutyronitrile	203	C13H17NO	1000370-35-3	38
5			Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	35



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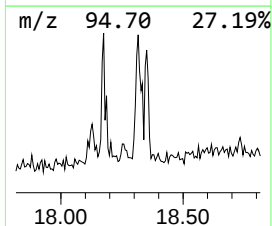
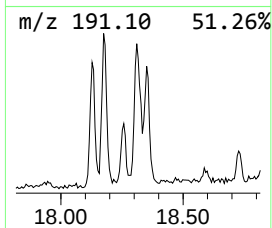
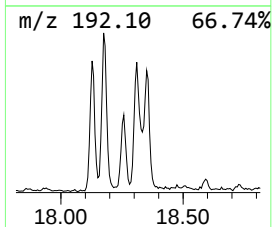
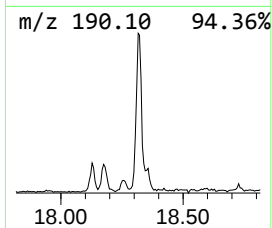
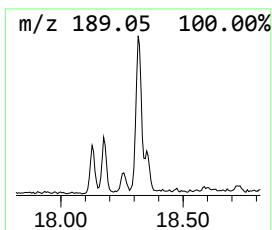
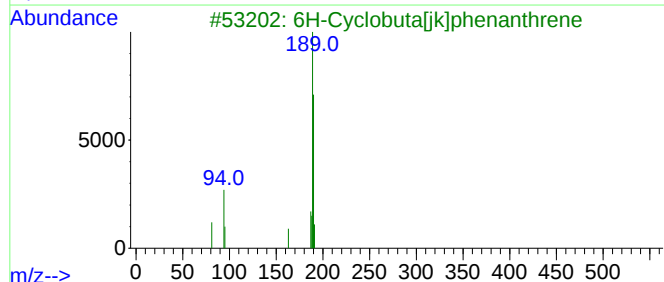
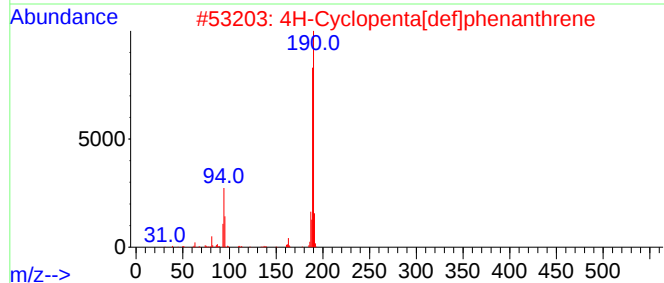
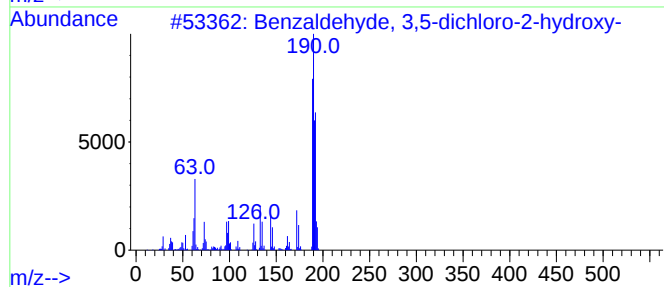
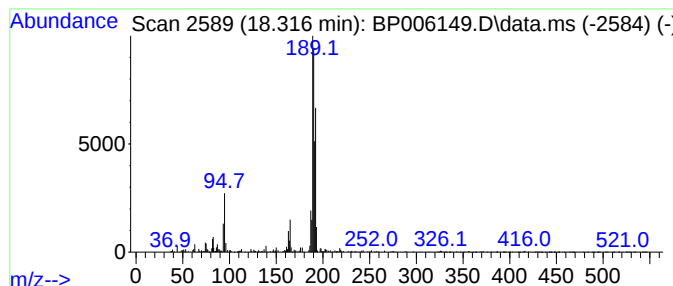
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzaldehyde, 3,5-dichloro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.316	2.23 ng	210797	Phenanthrene-d10	17.263

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	52
4			Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	46
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38



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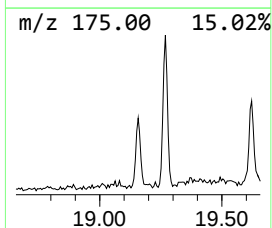
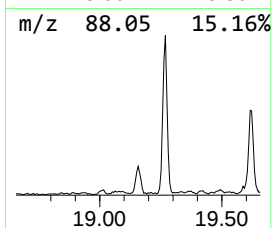
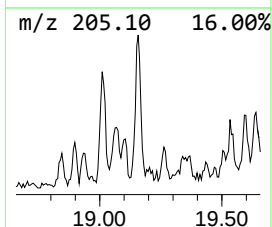
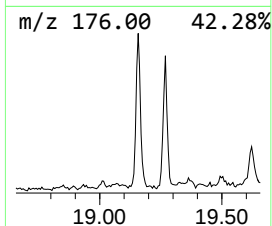
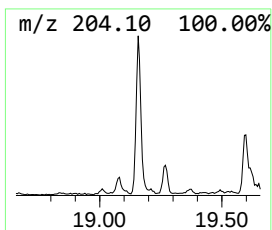
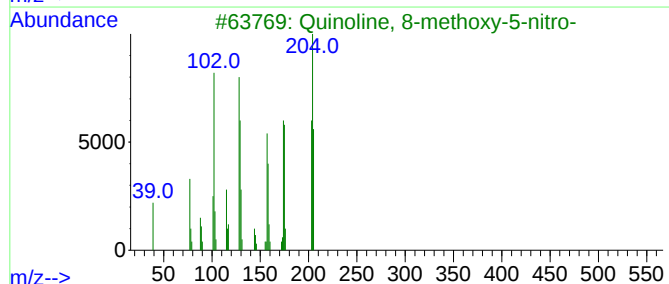
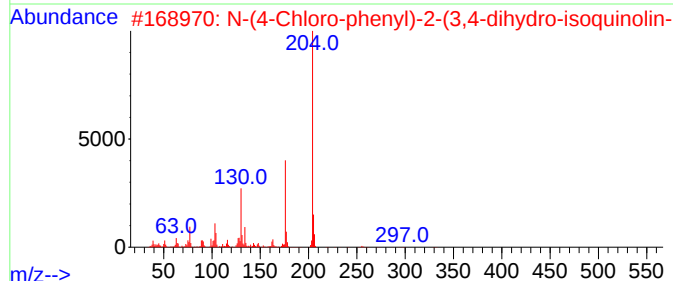
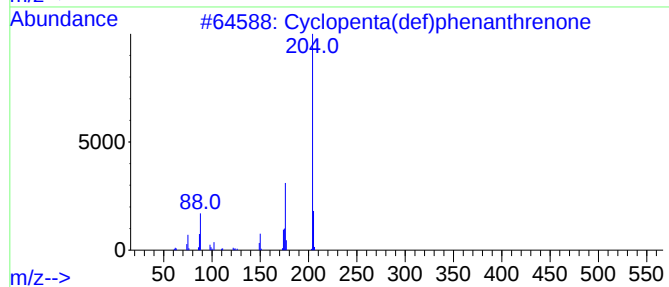
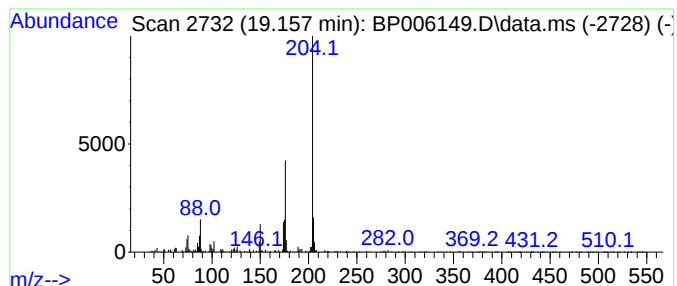
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Peak Number 4 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.157	2.07 ng	195117	Phenanthrene-d10	17.263

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2			N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	68
3			Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	43
4			4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	39
5			1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38



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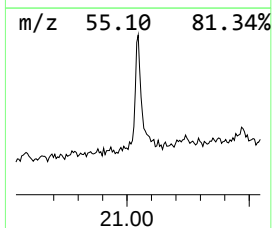
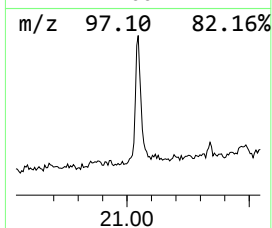
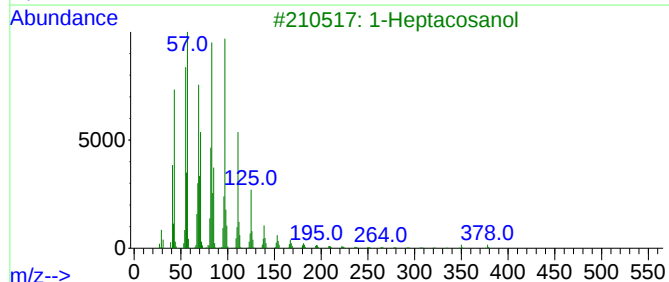
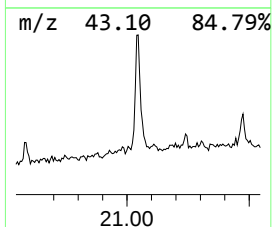
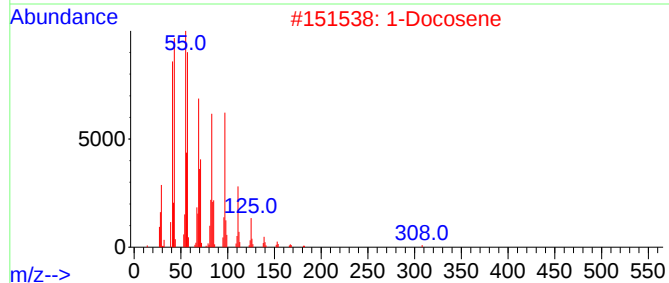
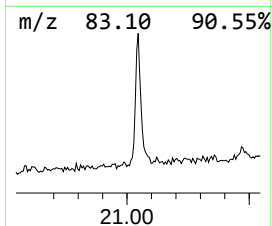
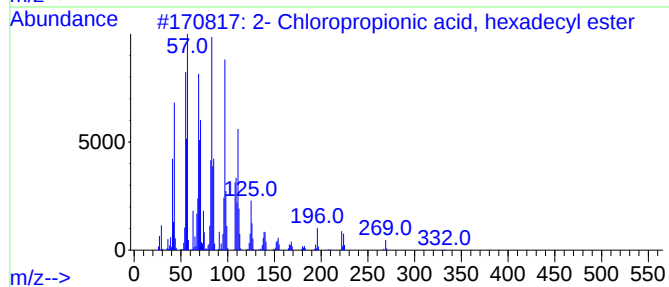
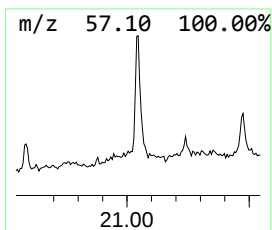
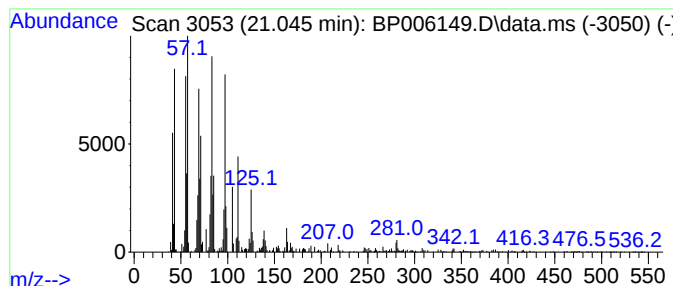
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2- Chloropropionic acid, he... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.045	4.28 ng	575857	Chrysene-d12	21.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	96
2			1-Docosene	308	C22H44	001599-67-3	94
3			1-Heptacosanol	396	C27H56O	002004-39-9	94
4			n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070821\
Data File : BP006149.D
Acq On : 08 Jul 2021 20:25
Operator : CG/JU
Sample : M2947-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-PILE-8

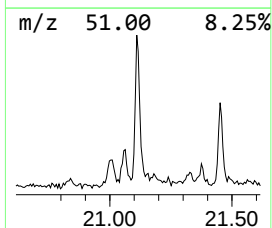
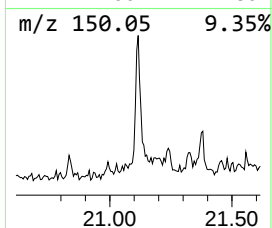
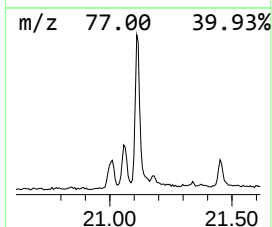
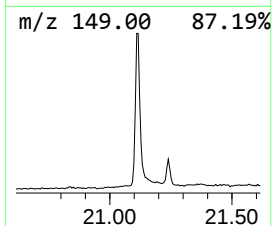
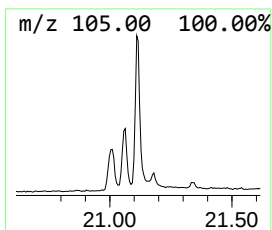
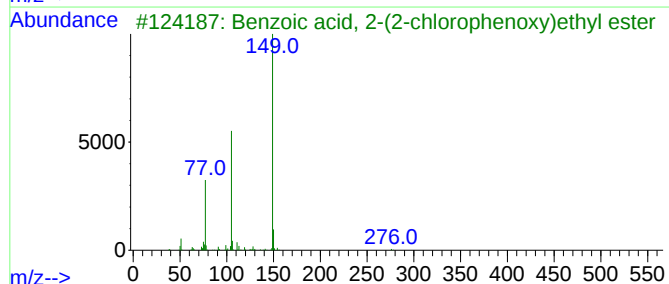
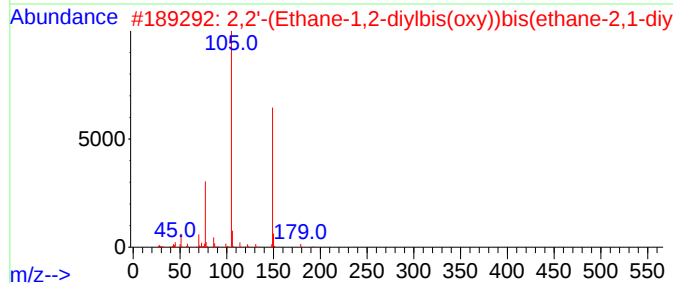
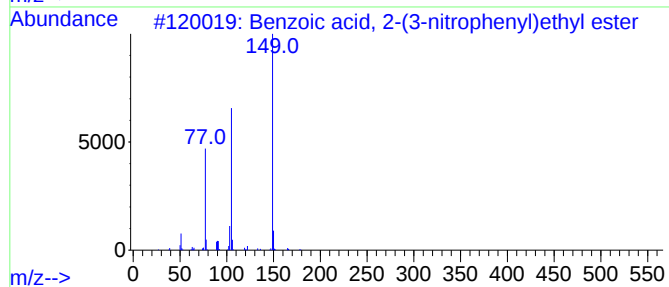
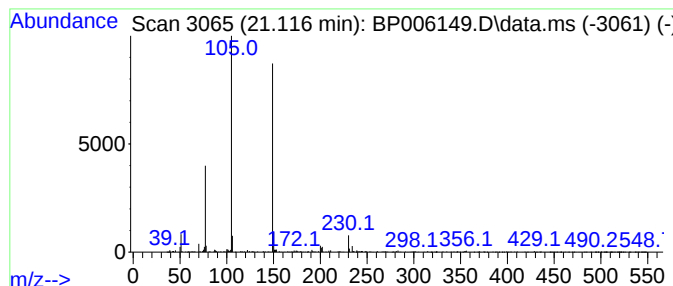
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzoic acid, 2-(3-nitrophe... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.116	3.77 ng	507016	Chrysene-d12	21.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, 2-(3-nitrophenyl)e...	271	C15H13NO4	1000368-22-4	78
2			2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	78
3			Benzoic acid, 2-(2-chlorophenoxy...	276	C15H13ClO3	1000368-25-9	64
4			Benzoic acid, 2-(4-nitrophenoxy)...	287	C15H13NO5	1000368-92-7	64
5			1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070821\
Data File : BP006149.D
Acq On : 08 Jul 2021 20:25
Operator : CG/JU
Sample : M2947-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-PILE-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.475	5.9	ng	405786	2	10.675	1385880	20.0
Acetamide, N-(3...	16.663	2.1	ng	201968	4	17.263	1886620	20.0
Benzaldehyde, 3...	18.316	2.2	ng	210797	4	17.263	1886620	20.0
Cyclopenta(def)...	19.157	2.1	ng	195117	4	17.263	1886620	20.0
2- Chloropropio...	21.045	4.3	ng	575857	5	21.339	2692060	20.0
Benzoic acid, 2...	21.116	3.8	ng	507016	5	21.339	2692060	20.0