

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
 Data File : BP024333.D
 Acq On : 17 Apr 2025 19:25
 Operator : RC/JU
 Sample : Q1826-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CONCRETE-FLOOR

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-BP041425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024333.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.887	300	306	316	rBV	725943	1024730	4.19%	1.301%
2	5.346	377	384	400	rBV	1304703	1953204	7.99%	2.479%
3	6.910	640	650	666	rBV	1516160	2423495	9.92%	3.076%
4	7.722	781	788	795	rBV	656361	1007322	4.12%	1.279%
5	8.869	975	983	992	rBV	1137643	1847632	7.56%	2.345%
6	10.498	1250	1260	1272	rBV	928461	1490257	6.10%	1.892%
7	12.969	1672	1680	1691	rBV	3173697	4698855	19.23%	5.964%
8	14.357	1907	1916	1923	rBV	1504854	1947688	7.97%	2.472%
9	15.875	2167	2174	2186	rBV	1226942	2100776	8.60%	2.667%
10	16.445	2266	2271	2280	rBV	350810	431099	1.76%	0.547%
11	17.163	2386	2393	2397	rBV2	1592158	2302892	9.42%	2.923%
12	17.686	2478	2482	2487	rBV	203735	256367	1.05%	0.325%
13	18.098	2548	2552	2559	rBV2	194588	358661	1.47%	0.455%
14	18.410	2601	2605	2609	rBV	313892	376389	1.54%	0.478%
15	18.898	2683	2688	2691	rBV	240608	370889	1.52%	0.471%
16	19.069	2713	2717	2720	rBV	363893	467342	1.91%	0.593%
17	19.292	2752	2755	2760	rBV2	471922	681635	2.79%	0.865%
18	19.674	2816	2820	2824	rBV2	762899	891185	3.65%	1.131%
19	19.880	2850	2855	2860	rVB	5608588	7909253	32.36%	10.039%
20	20.227	2911	2914	2918	rVB	624622	726197	2.97%	0.922%
21	20.616	2976	2980	2985	rVB	1667838	2021294	8.27%	2.566%
22	20.745	3000	3002	3006	rBV2	429546	565111	2.31%	0.717%
23	21.080	3055	3059	3063	rVB	3486842	3959776	16.20%	5.026%
24	21.521	3132	3134	3142	rVB	719475	1029658	4.21%	1.307%
25	21.604	3144	3148	3153	rVB2	1760513	2557881	10.47%	3.247%
26	21.992	3208	3214	3220	rBV	3722707	5580867	22.83%	7.084%
27	22.310	3263	3268	3276	rVB	1433533	2803104	11.47%	3.558%
28	22.892	3360	3367	3375	rBV	12268660	24440824	100.00%	31.023%
29	24.945	3711	3716	3725	rVB	1036381	2558262	10.47%	3.247%

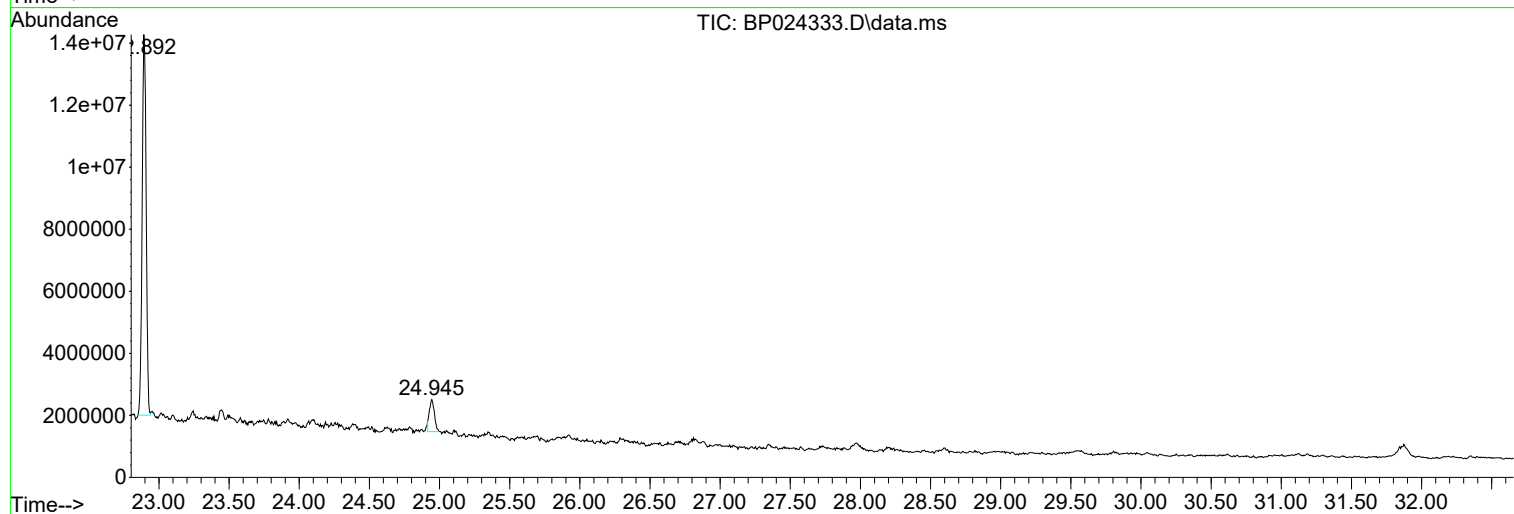
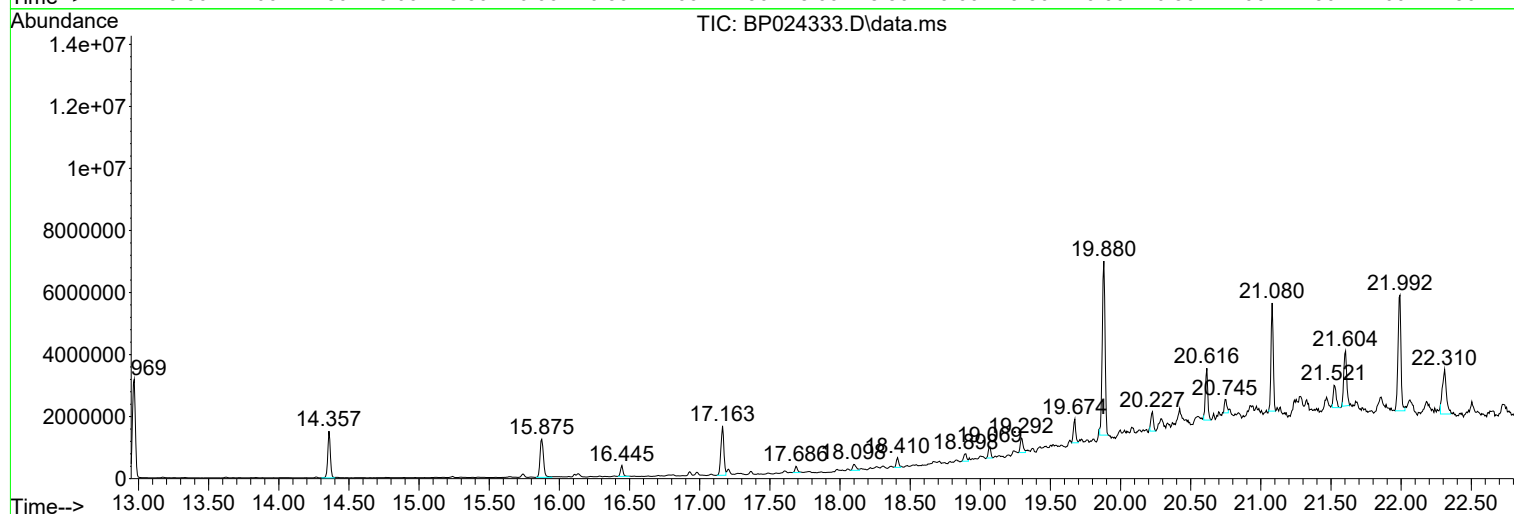
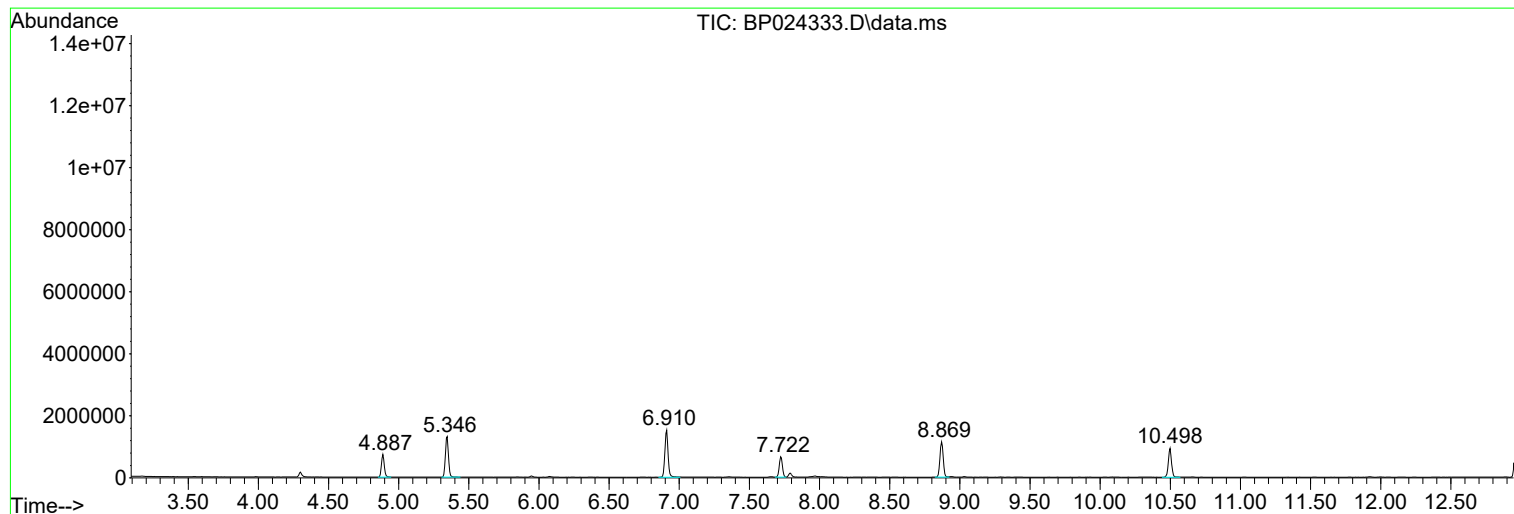
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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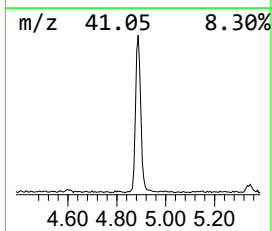
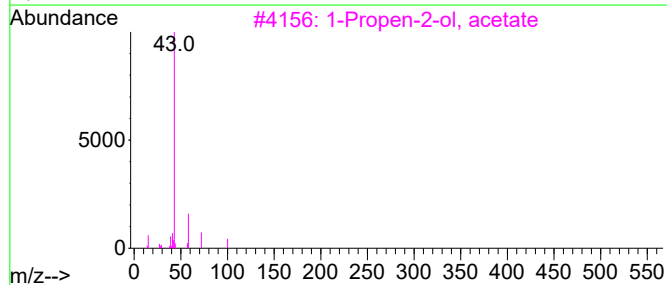
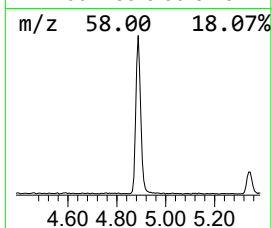
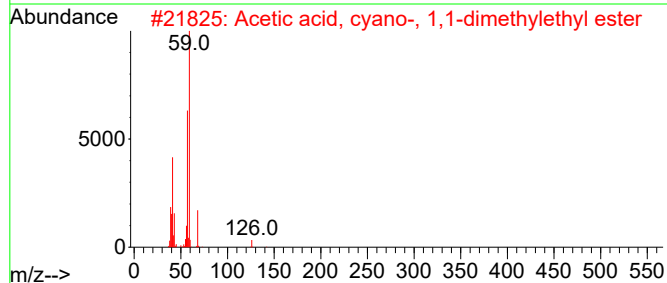
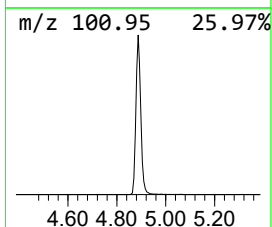
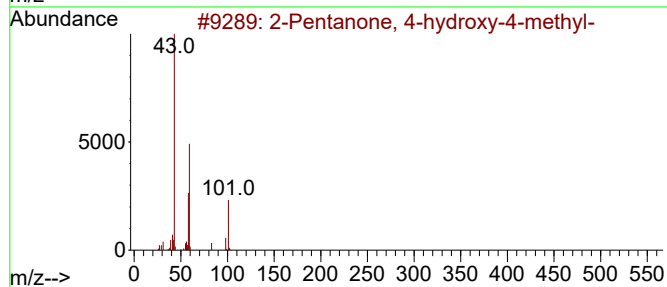
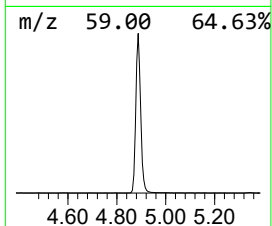
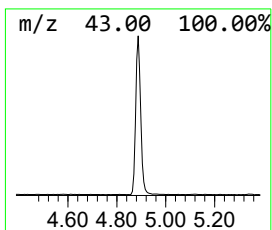
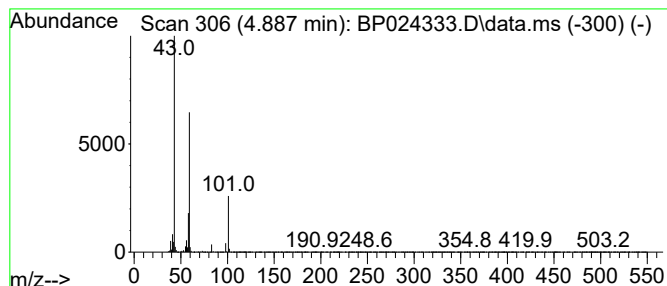
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.887	20.35 ng	1024730	1,4-Dichlorobenzene-d4	7.722

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17		
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9		
5	Guanidine	59	CH5N3	000113-00-8	9		



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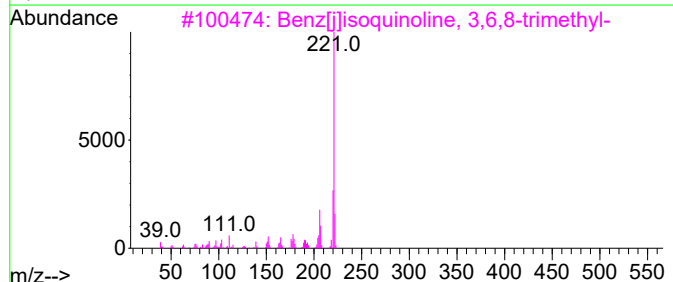
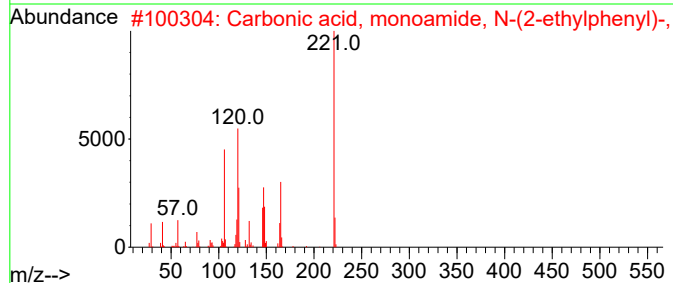
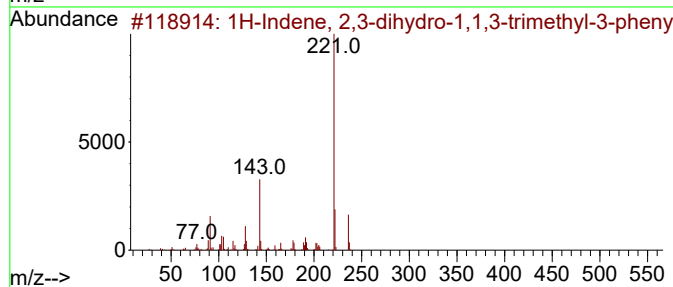
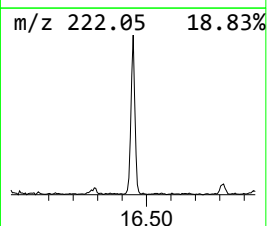
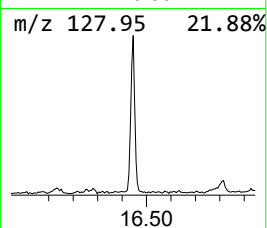
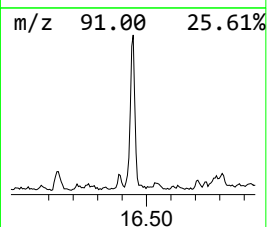
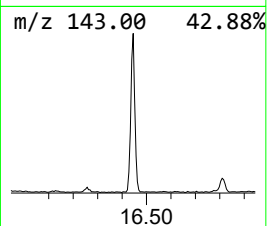
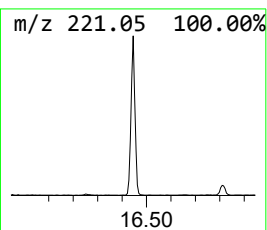
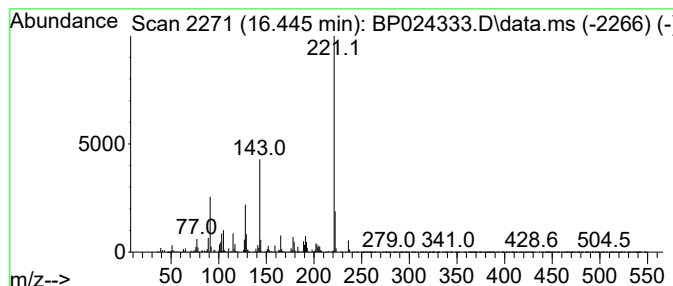
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.445	3.74 ng	431099	Phenanthrene-d10	17.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	72
2			Carbonic acid, monoamide, N-(2-e...	221	C13H19NO2	1000339-98-3	38
3			Benz[j]isoquinoline, 3,6,8-trime...	221	C16H15N	061171-16-2	38
4			1H-1,2,3-Triazole, 4,5-diphenyl-	221	C14H11N3	005533-73-3	37
5			Hexobarbital	236	C12H16N2O3	000056-29-1	37



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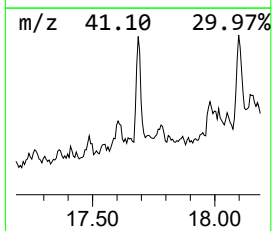
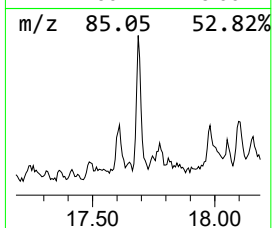
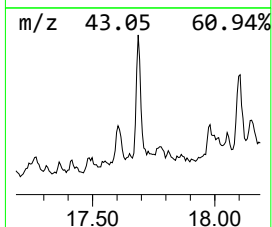
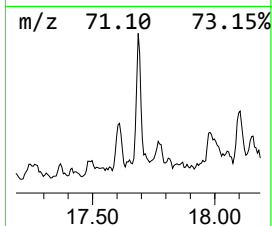
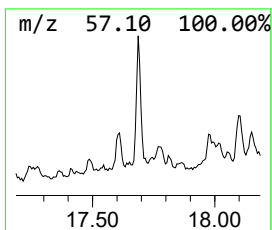
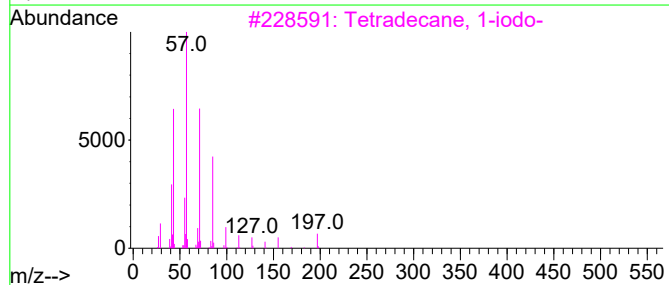
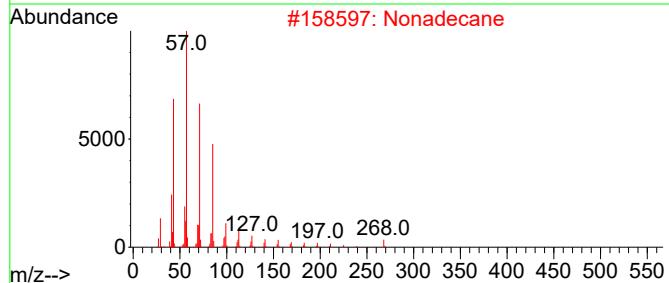
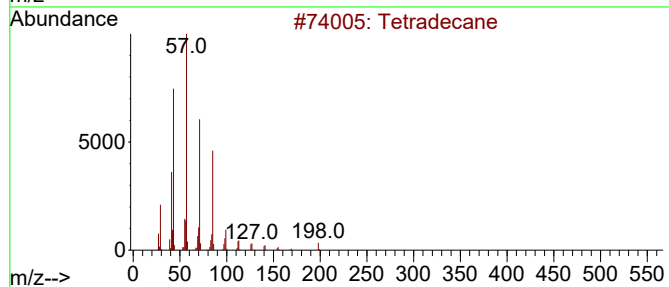
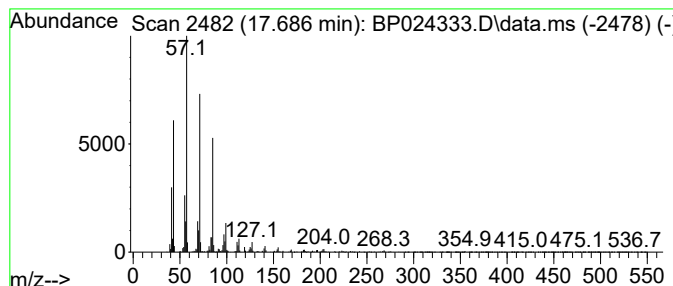
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Peak Number 3 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.686	2.23 ng	256367	Phenanthrene-d10	17.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	90
2			Nonadecane	268	C19H40	000629-92-5	90
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	87
4			Decane, 1-iodo-	268	C10H21I	002050-77-3	87
5			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86



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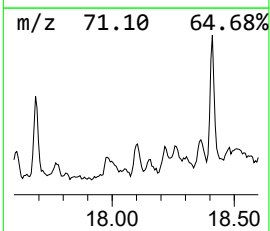
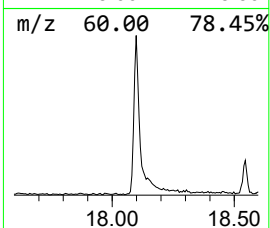
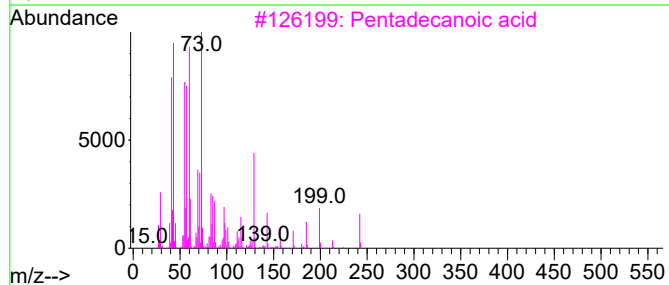
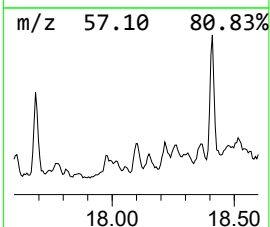
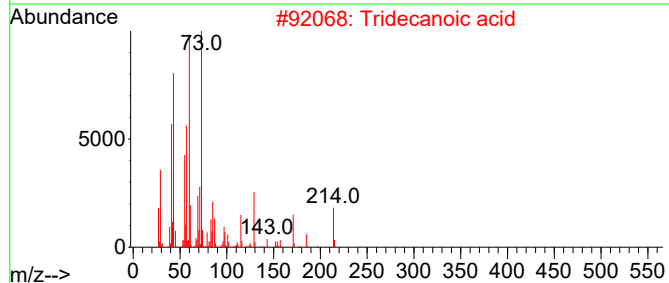
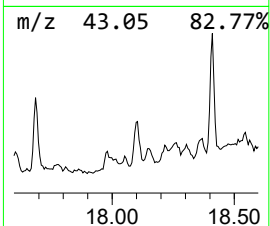
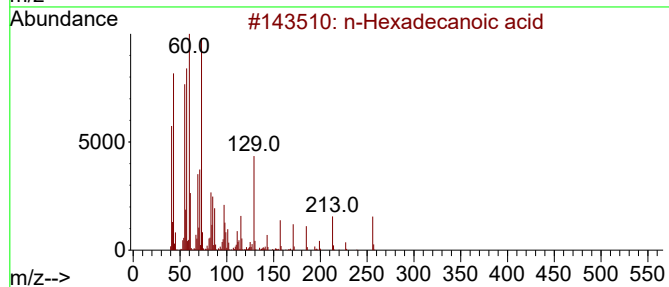
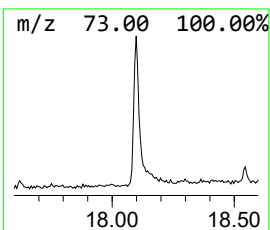
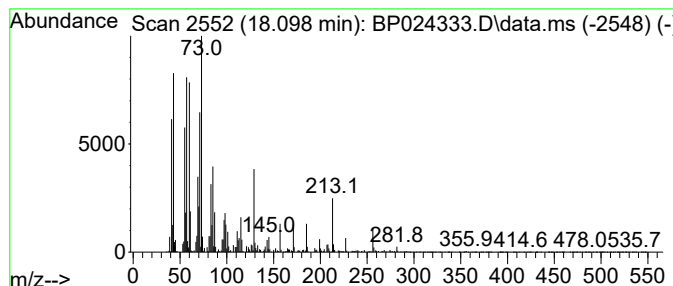
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.098	3.11 ng	358661	Phenanthrene-d10	17.163	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4	Octadecanoic acid	284	C18H36O2	000057-11-4	58
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NO5	029926-41-8	38



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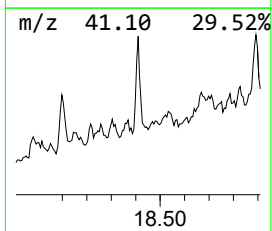
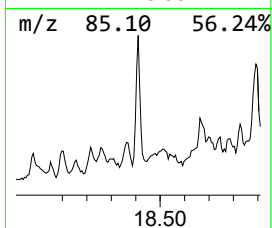
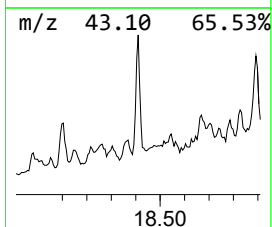
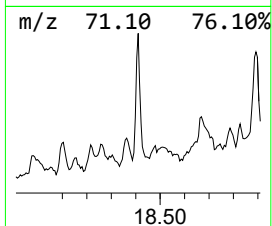
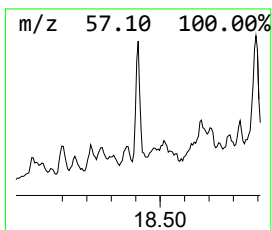
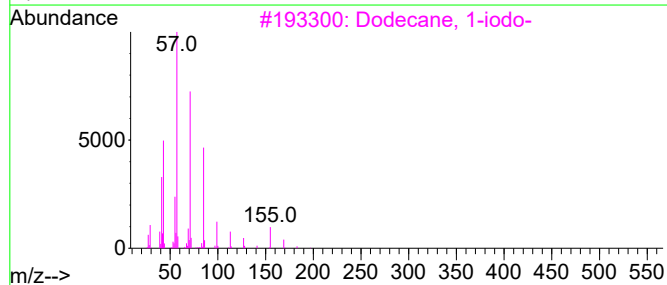
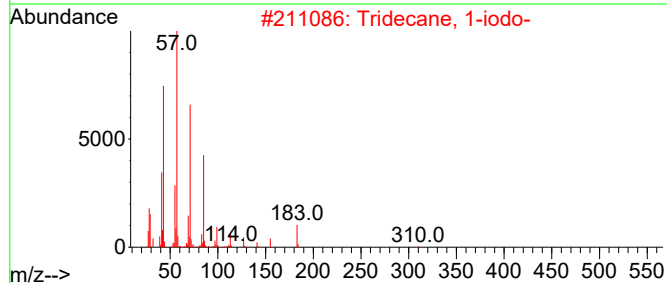
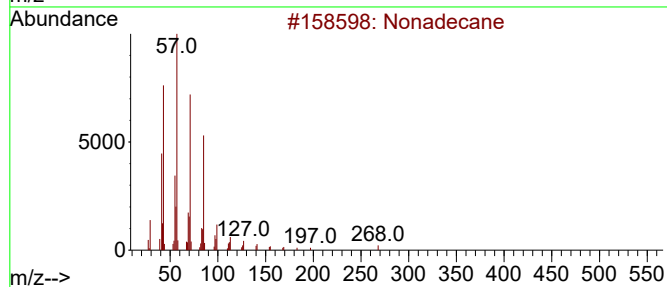
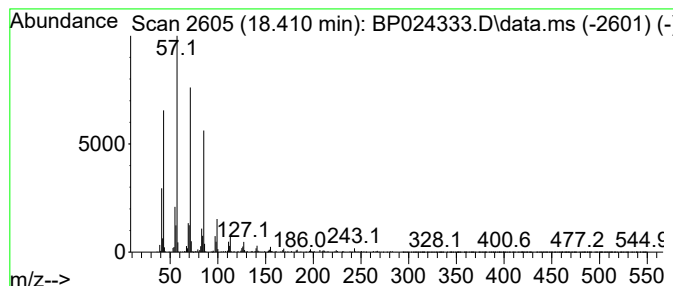
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Peak Number 5 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.410	3.27 ng	376389	Phenanthrene-d10	17.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	80
5			Heneicosane	296	C21H44	000629-94-7	74



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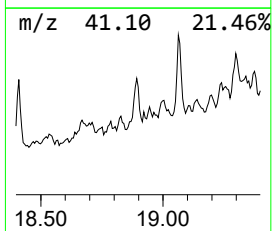
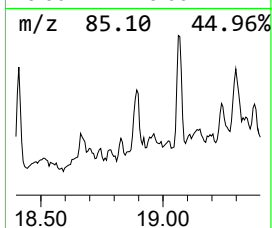
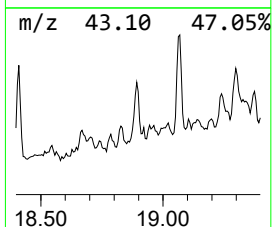
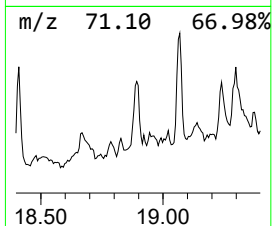
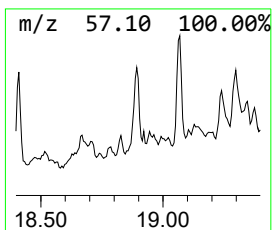
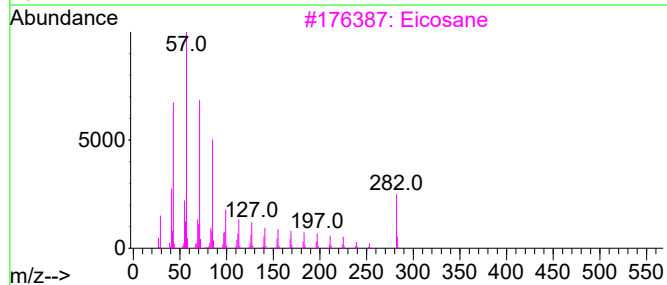
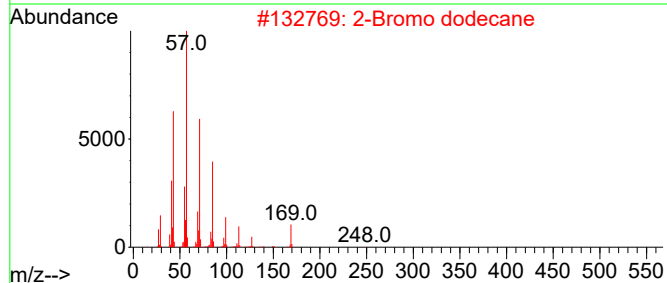
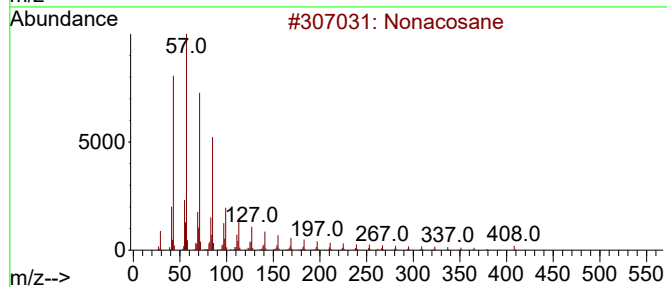
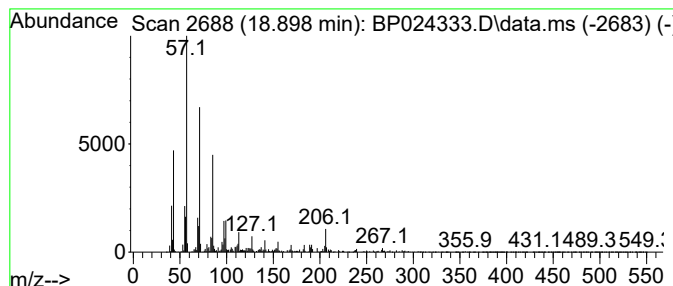
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Nonacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.898	3.22 ng	370889	Phenanthrene-d10	17.163	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	94
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3	Eicosane	282	C20H42	000112-95-8	90
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Nonadecane	268	C19H40	000629-92-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
Data File : BP024333.D
Acq On : 17 Apr 2025 19:25
Operator : RC/JU
Sample : Q1826-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

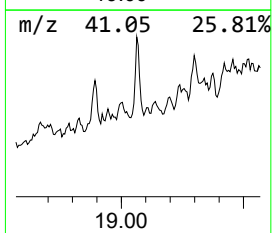
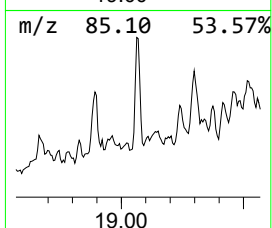
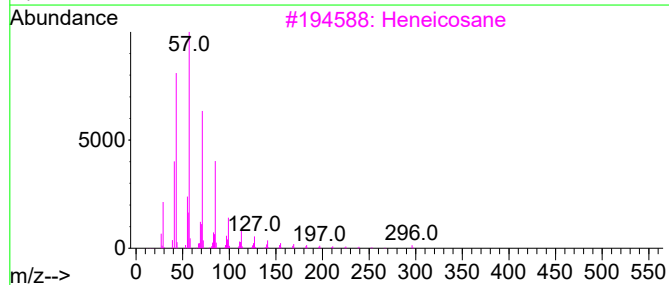
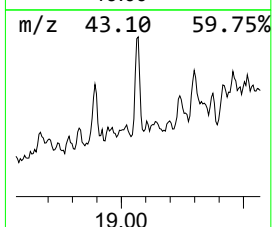
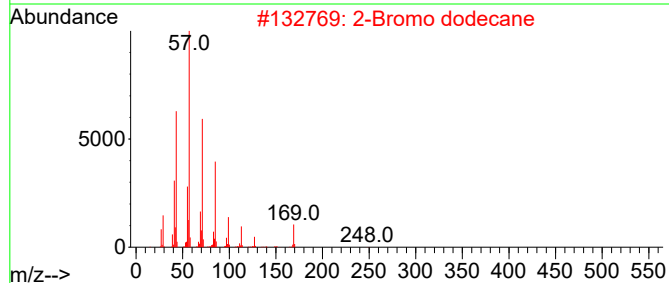
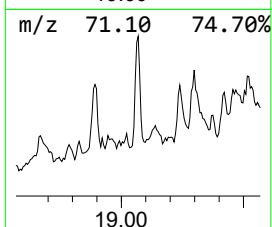
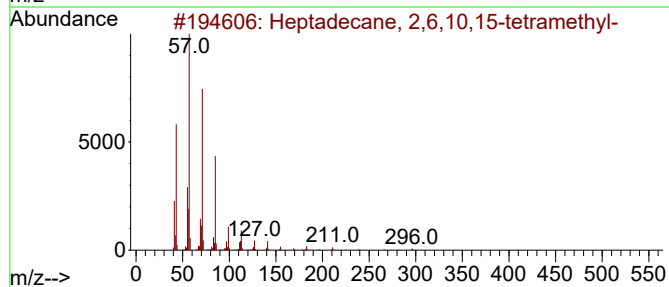
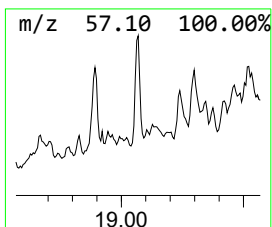
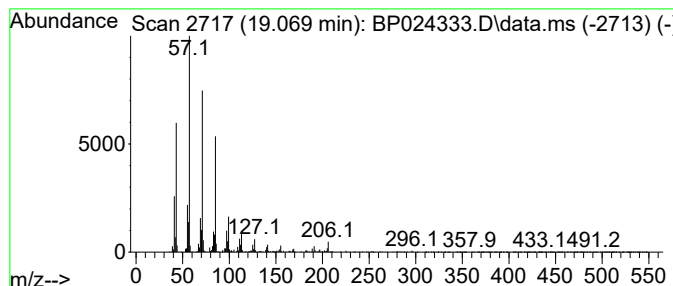
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane, 2,6,10,15-tetr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.069	4.06 ng	467342	Phenanthrene-d10	17.163	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
Data File : BP024333.D
Acq On : 17 Apr 2025 19:25
Operator : RC/JU
Sample : Q1826-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

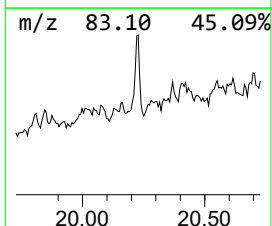
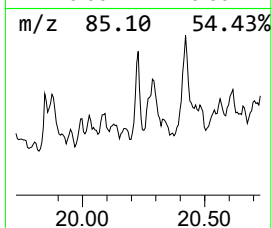
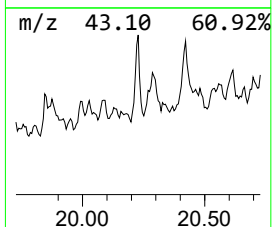
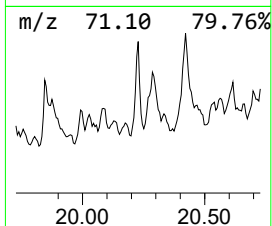
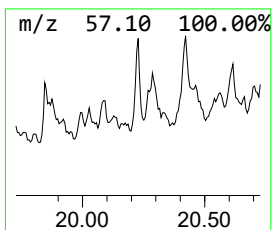
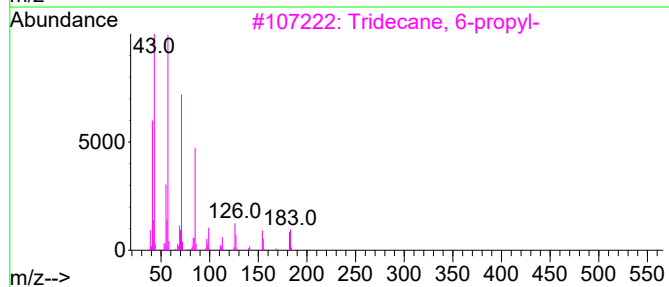
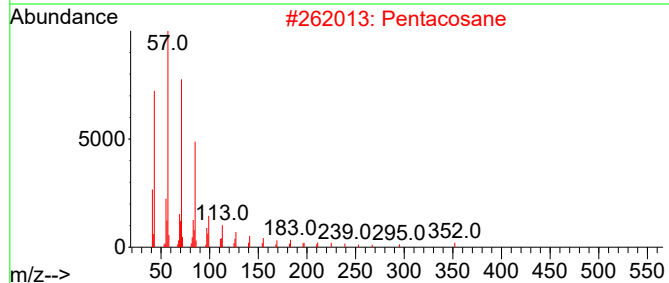
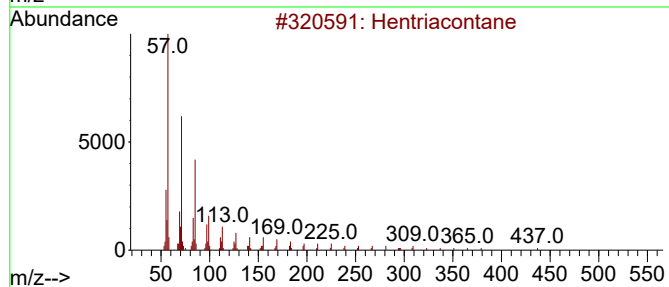
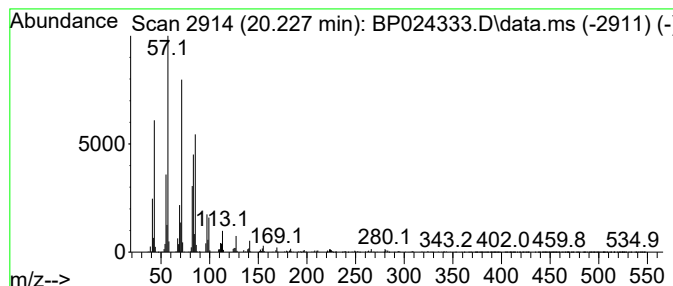
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ClientSampleId :
CONCRETE-FLOOR

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hentriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.227	5.68 ng	726197	Chrysene-d12	21.604	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	64
2	Pentacosane	352	C25H52	000629-99-2	64
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	62
4	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	62
5	Eicosane	282	C20H42	000112-95-8	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
Data File : BP024333.D
Acq On : 17 Apr 2025 19:25
Operator : RC/JU
Sample : Q1826-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE-FLOOR

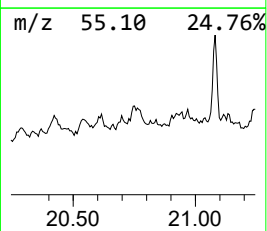
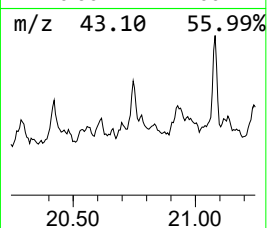
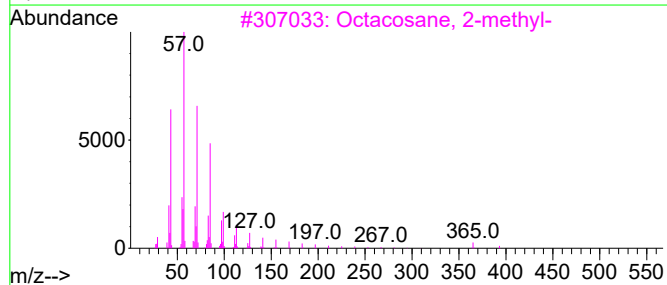
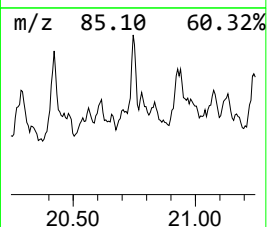
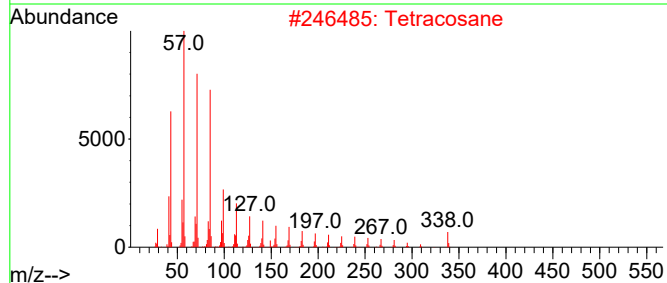
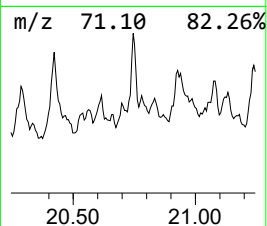
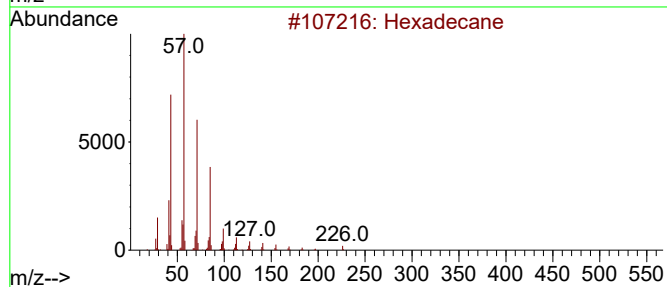
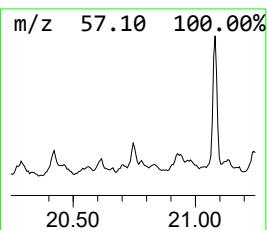
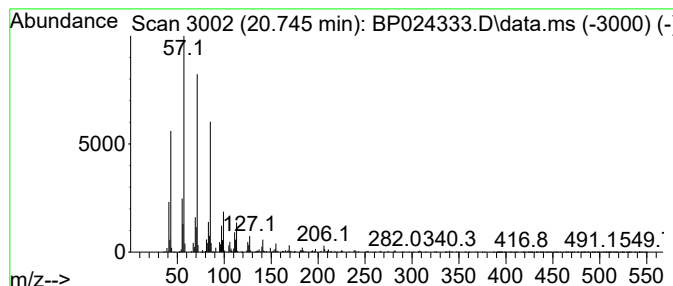
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.745	4.42 ng	565111	Chrysene-d12	21.604

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	96
2			Tetracosane	338	C24H50	000646-31-1	93
3			Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
Data File : BP024333.D
Acq On : 17 Apr 2025 19:25
Operator : RC/JU
Sample : Q1826-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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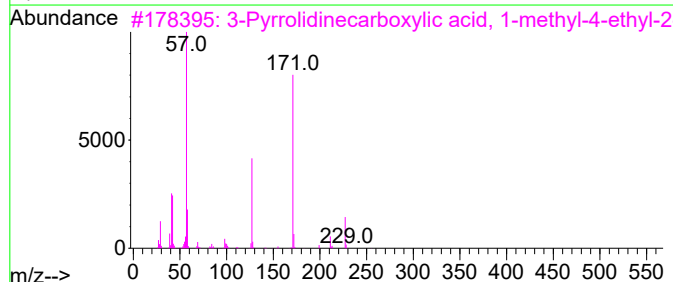
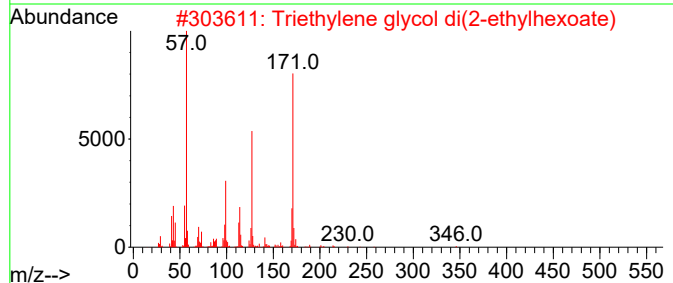
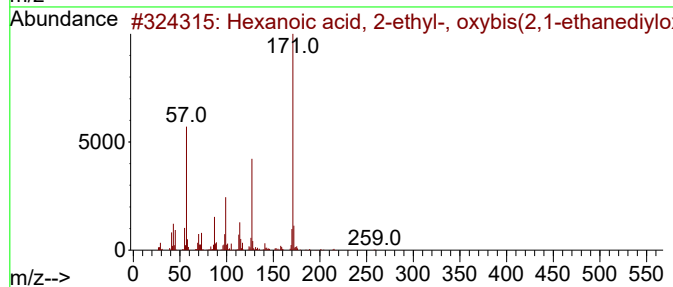
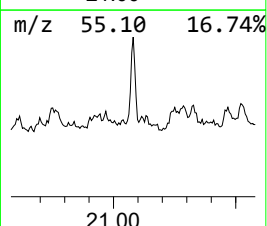
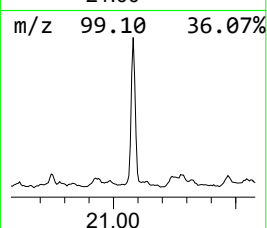
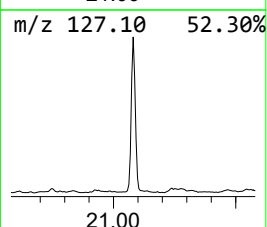
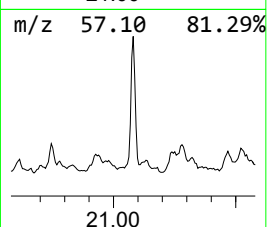
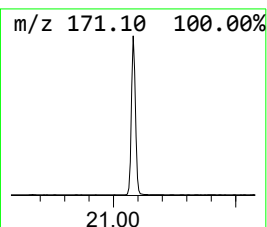
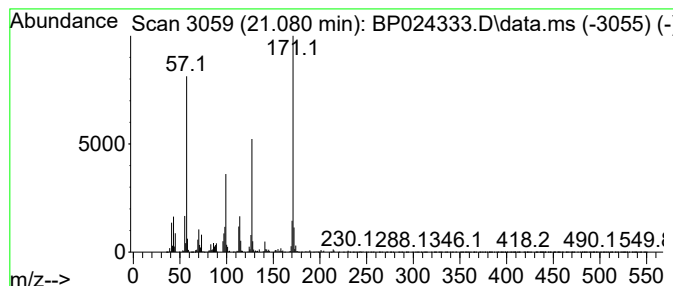
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexanoic acid, 2-ethyl-, ox... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.080	30.96 ng	3959780	Chrysene-d12	21.604

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanoic acid, 2-ethyl-, oxybis(...	446	C24H46O7	018268-70-7	91
2			Triethylene glycol di(2-ethylhex...	402	C22H42O6	000094-28-0	81
3			3-Pyrrolidinecarboxylic acid, 1-...	284	C15H28N2O3	1000196-95-3	59
4			3H,6H-Thieno[3,4-c]isoxazole, 3a...	171	C8H13NOS	127865-49-0	38
5			2,6-Difluorophenyl isocyanate	171	C7H3F2NS	065295-69-4	32



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
Data File : BP024333.D
Acq On : 17 Apr 2025 19:25
Operator : RC/JU
Sample : Q1826-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

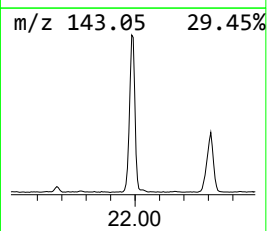
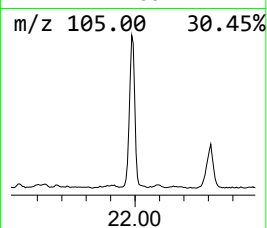
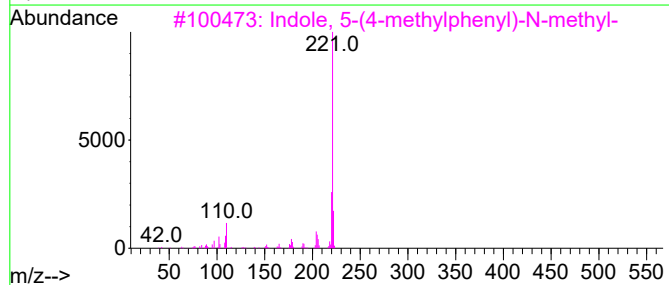
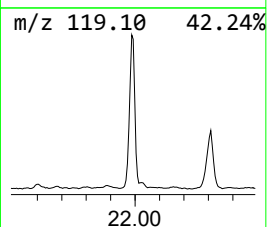
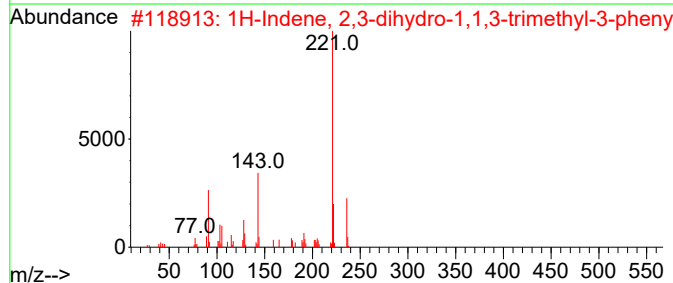
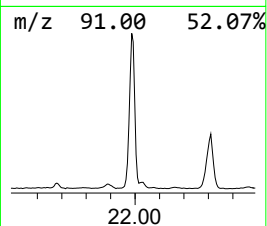
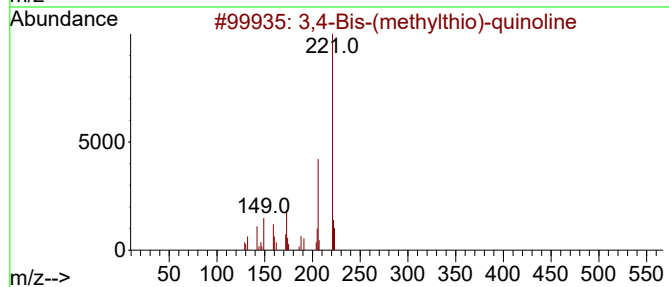
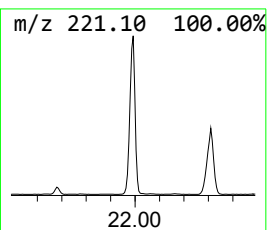
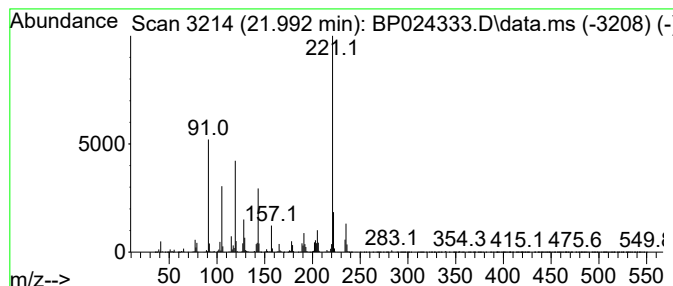
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 3,4-Bis-(methylthio)-quinoline Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.992	43.64 ng	5580870	Chrysene-d12		21.604	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	3,4-Bis-(methylthio)-quinoline		221	C11H11NS2	074579-34-3	50
2	1H-Indene, 2,3-dihydro-1,1,3-tri...		236	C18H20	003910-35-8	49
3	Indole, 5-(4-methylphenyl)-N-met...		221	C16H15N	1000380-54-7	46
4	3-Amino-4,6-dimethylthieno[2,3-b...		221	C10H11N3OS	067795-42-0	43
5	1H-Indole, 1-ethyl-2-phenyl-		221	C16H15N	013228-39-2	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
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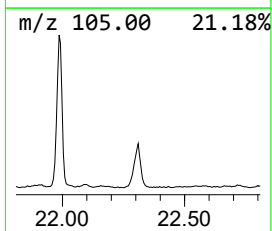
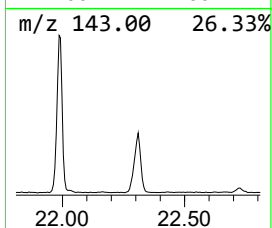
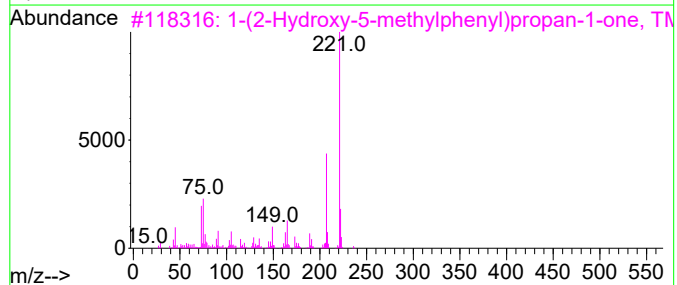
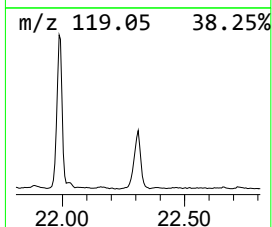
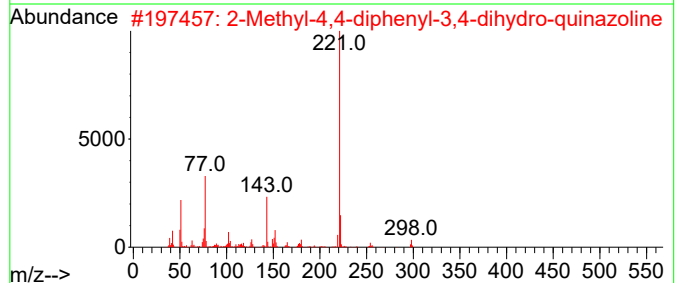
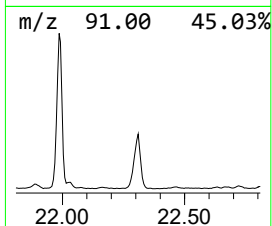
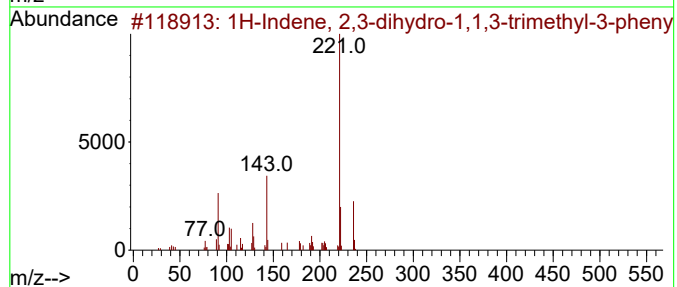
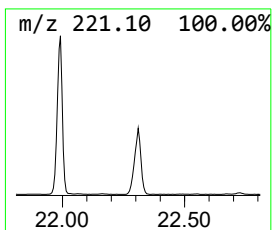
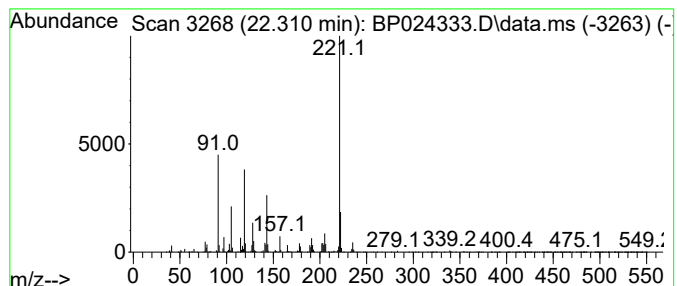
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown22.310 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.310	21.92 ng	2803100	Chrysene-d12	21.604

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	52
2			2-Methyl-4,4-diphenyl-3,4-dihydr...	298	C21H18N2	1000300-40-0	43
3			1-(2-Hydroxy-5-methylphenyl)prop...	236	C13H20O2Si	1000506-71-9	38
4			Acryloylaminomethyl (3,5-di-tert...	319	C19H29NO3	1000425-91-6	38
5			Indole, 5-(4-methylphenyl)-N-met...	221	C16H15N	1000380-54-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
Data File : BP024333.D
Acq On : 17 Apr 2025 19:25
Operator : RC/JU
Sample : Q1826-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE-FLOOR

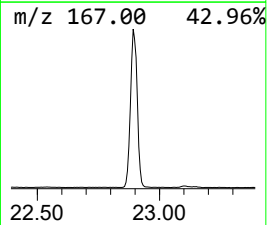
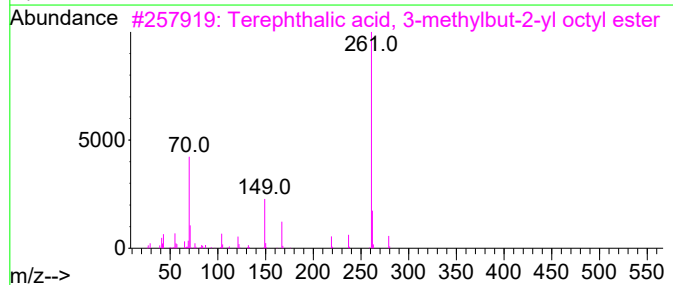
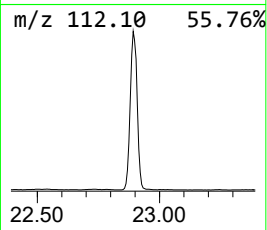
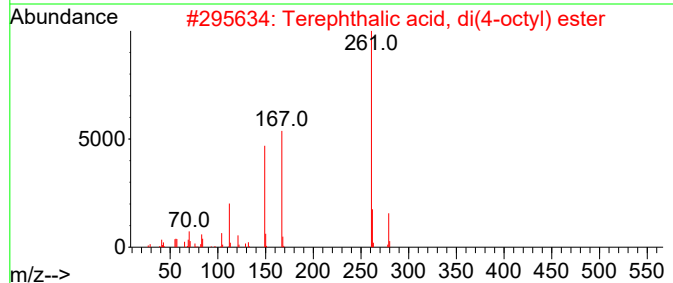
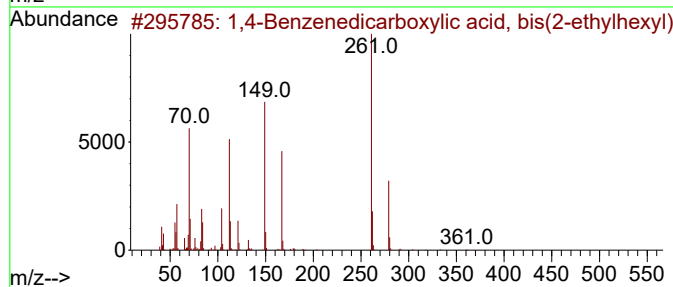
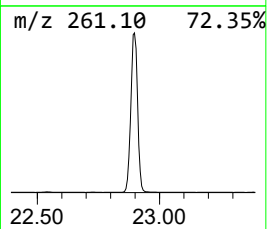
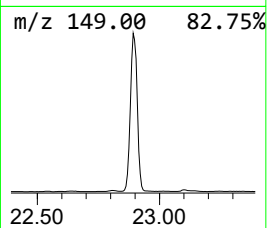
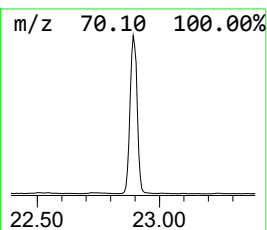
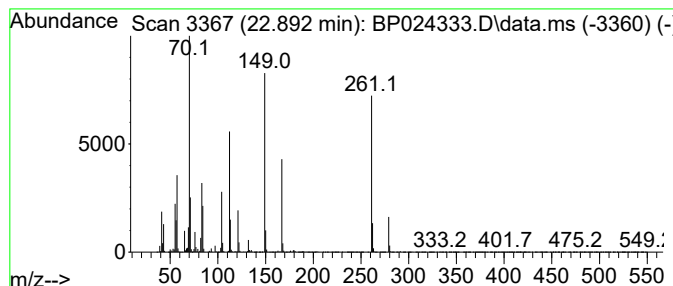
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1,4-Benzenedicarboxylic aci... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.892	191.10 ng	24440800	Chrysene-d12	21.604

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Benzenedicarboxylic acid, bi...	390	C24H3804	006422-86-2	87
2			Terephthalic acid, di(4-octyl) e...	390	C24H3804	1000323-74-2	81
3			Terephthalic acid, 3-methylbut-2...	348	C21H3204	1000356-27-6	72
4			1,3-Benzenedicarboxylic acid, bi...	390	C24H3804	000137-89-3	62
5			Terephthalic acid, 2-ethylhexyl ...	390	C24H3804	1000324-00-5	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
Data File : BP024333.D
Acq On : 17 Apr 2025 19:25
Operator : RC/JU
Sample : Q1826-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE-FLOOR

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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
2-Pentanone, 4-...	4.887	20.4	ng	1024730	1	7.722	1007320	20.0
1H-Indene, 2,3-...	16.445	3.7	ng	431099	4	17.163	2302890	20.0
Tetradecane	17.686	2.2	ng	256367	4	17.163	2302890	20.0
n-Hexadecanoic ...	18.098	3.1	ng	358661	4	17.163	2302890	20.0
Nonadecane	18.410	3.3	ng	376389	4	17.163	2302890	20.0
Nonacosane	18.898	3.2	ng	370889	4	17.163	2302890	20.0
Heptadecane, 2,...	19.069	4.1	ng	467342	4	17.163	2302890	20.0
Hentriacontane	20.227	5.7	ng	726197	5	21.604	2557880	20.0
Hexadecane	20.745	4.4	ng	565111	5	21.604	2557880	20.0
Hexanoic acid, ...	21.080	31.0	ng	3959780	5	21.604	2557880	20.0
3,4-Bis-(methyl...	21.992	43.6	ng	5580870	5	21.604	2557880	20.0
unknown22.310	22.310	21.9	ng	2803100	5	21.604	2557880	20.0
1,4-Benzenedica...	22.892	191.1	ng	24440800	5	21.604	2557880	20.0