LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100925\
Data File : BP025970.D
Acq On : 09 Oct 2025 18:30
Operator : RC/JU
Sample : Q3315-01 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
314

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-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025970.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.014	8	13	21	rVB	38633	67862	1.93%	0.296%
2	5.425	416	423	436	rVB2	30897	73634	2.10%	0.321%
3	7.737	810	816	828	rBV	343202	734511	20.91%	3.201%
4	10.496	1274	1285	1304	rBV	471147	1117550	31.81%	4.870%
5	11.902	1516	1524	1532	rBV	92535	186332	5.30%	0.812%
6	12.384	1598	1606	1614	rBV2	22178	60007	1.71%	0.261%
7	13.143	1731	1735	1743	rBV	77644	112251	3.20%	0.489%
8	13.672	1821	1825	1829	rBV2	119211	176150	5.01%	0.768%
9	13.854	1852	1856	1861	rBV6	57755	104564	2.98%	0.456%
10	14.154	1905	1907	1913	rVB6	89857	131677	3.75%	0.574%
11	14.231	1915	1920	1924	rBV2	105248	180396	5.14%	0.786%
12	14.301	1928	1932	1933	rVV3	86842	114600	3.26%	0.499%
13	14.337	1933	1938	1947	rVB	998317	1536368	43.73%	6.695%
14	14.848	2023	2025	2031	rBV4	77083	129571	3.69%	0.565%
15	15.125	2070	2072	2076	rVB	139077	144316	4.11%	0.629%
16	16.066	2229	2232	2234	rBV	303535	341457	9.72%	1.488%
17	16.878	2367	2370	2374	rVB	299103	329458	9.38%	1.436%
18	17.125	2408	2412	2420	rBV2	849874	1304195	37.13%	5.683%
19	17.631	2496	2498	2505	rVB	521330	614124	17.48%	2.676%
20	18.160	2585	2588	2593	rBV2	338863	566438	16.12%	2.468%
21	18.354	2618	2621	2627	rBV2	637954	927175	26.39%	4.040%
22	18.613	2662	2665	2667	rBV2	521452	701055	19.96%	3.055%
23	18.736	2683	2686	2689	rBV	344914	442636	12.60%	1.929%
24	18.836	2699	2703	2706	rBV	865775	1028470	29.28%	4.482%
25	19.013	2730	2733	2737	rBV	813190	1038595	29.56%	4.526%
26	19.248	2769	2773	2778	rBV2	1035921	1896862	54.00%	8.266%
27	20.366	2959	2963	2967	rBV2	1332395	2276393	64.80%	9.920%
28	21.401	3135	3139	3146	rBV	1241455	3097832	88.18%	13.500%
29	21.460	3146	3149	3159	rVB	2032687	3512944	100.00%	15.309%

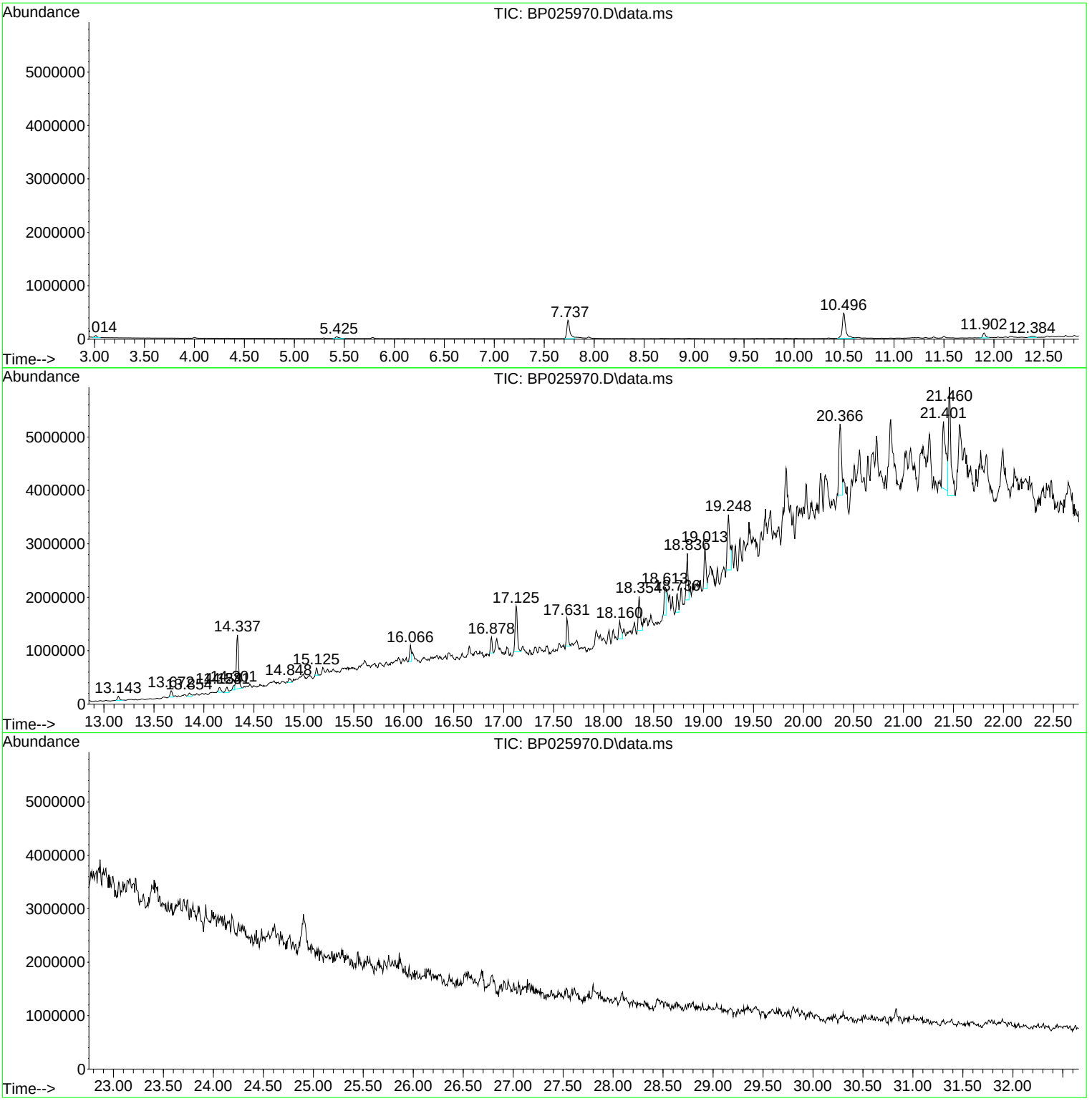
Sum of corrected areas: 22947423

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100925\
Data File : BP025970.D
Acq On : 09 Oct 2025 18:30
Operator : RC/JU
Sample : Q3315-01 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
314

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100925\
Data File : BP025970.D
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TIC Library : C:\Database\NIST20.L
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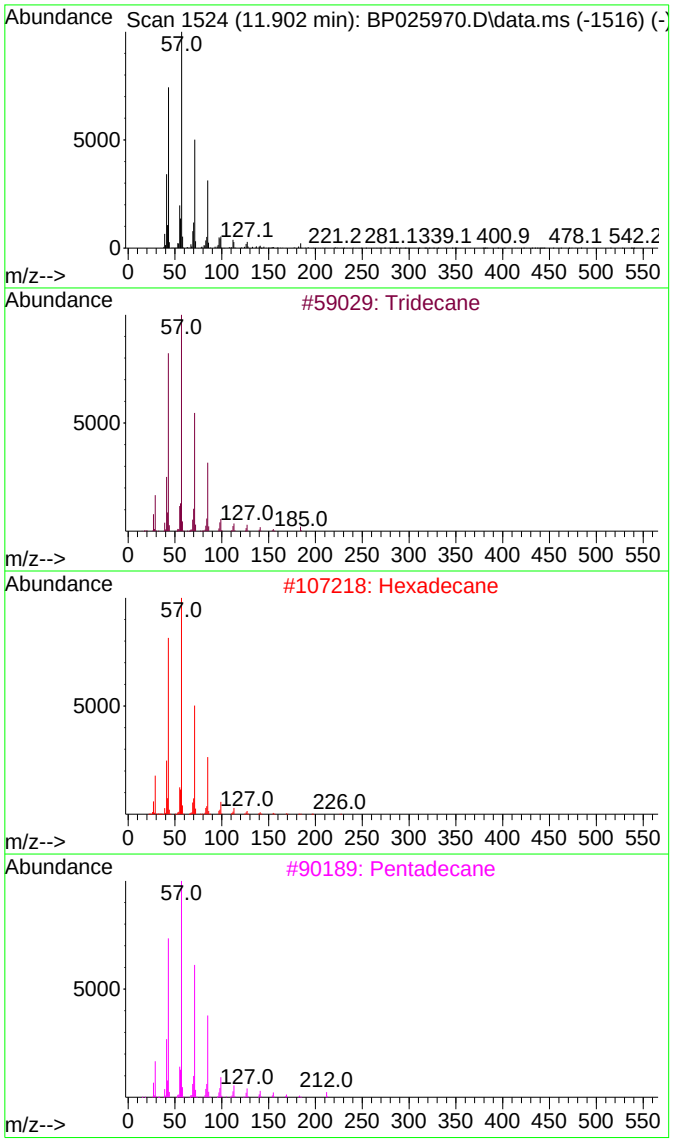
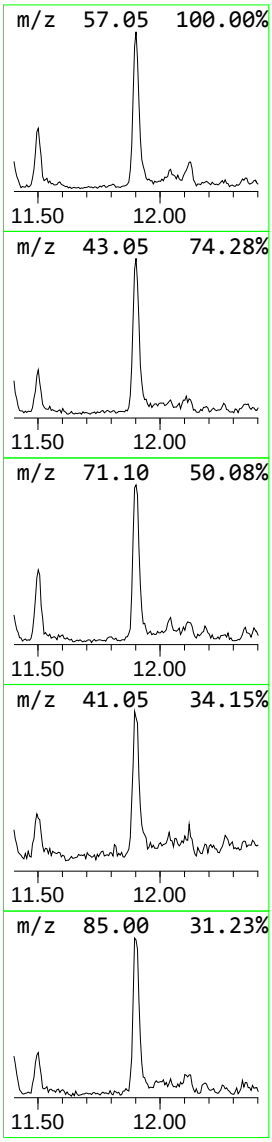
Peak Number 2 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.902	3.33 ng	186332	Naphthalene-d8	10.496

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Hexadecane	226	C16H34	000544-76-3	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Dodecane	170	C12H26	000112-40-3	86





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Data File : BP025970.D
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Operator : RC/JU
Sample : Q3315-01 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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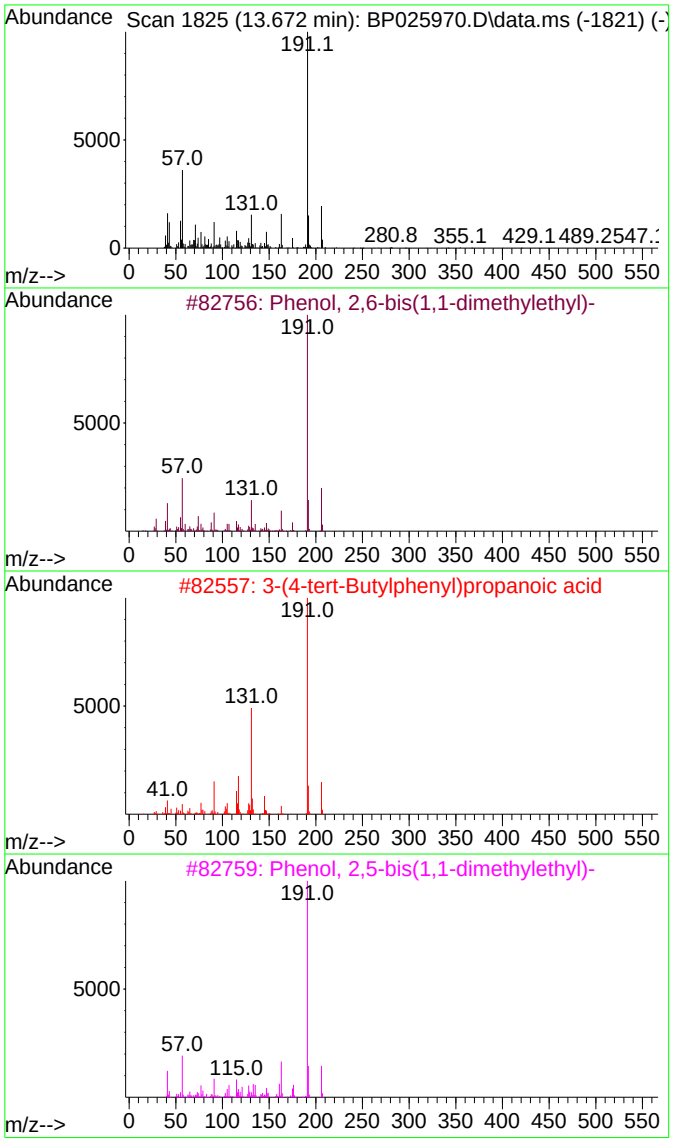
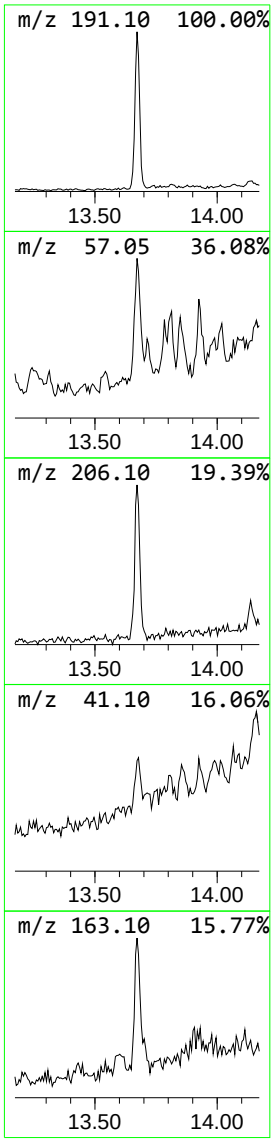
Peak Number 3 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.672	2.29 ng	176150	Acenaphthene-d10	14.337

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	95
2	3-(4-tert-Butylphenyl)propanoic ...	206	C13H18O2	001208-64-6	87
3	Phenol, 2,5-bis(1,1-dimethylethyl)-	206	C14H22O	005875-45-6	87
4	2,4-Di-tert-butylphenol	206	C14H22O	000096-76-4	83
5	Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	81





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ALS Vial : 11 Sample Multiplier: 1

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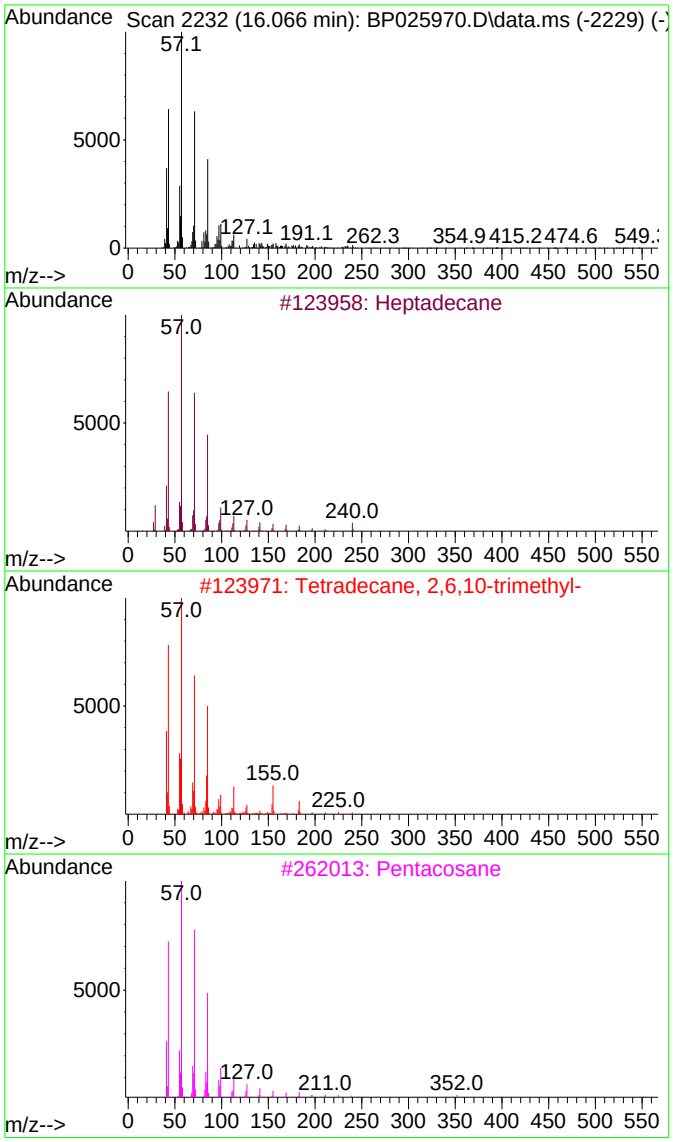
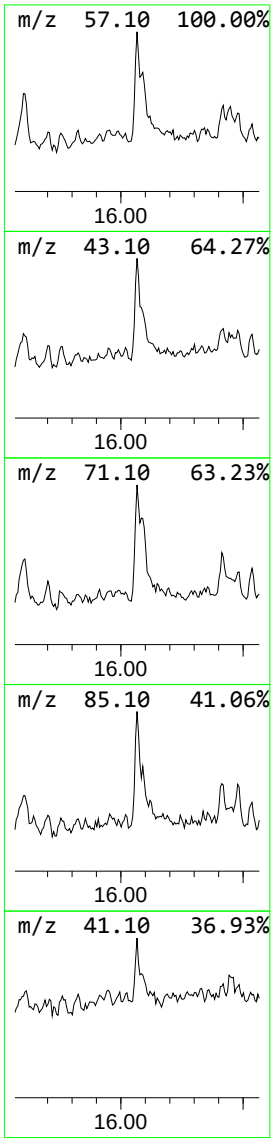
Peak Number 5 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.066	5.24 ng	341457	Phenanthrene-d10	17.125

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
3	Pentacosane	352	C25H52	000629-99-2	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heptacosane	380	C27H56	000593-49-7	87





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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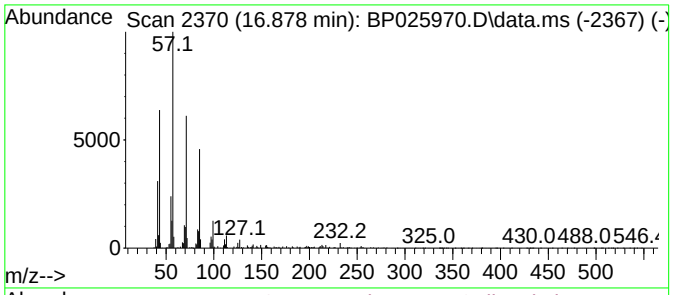
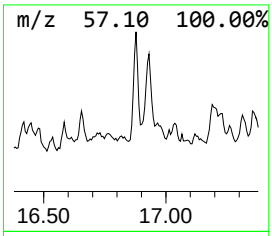
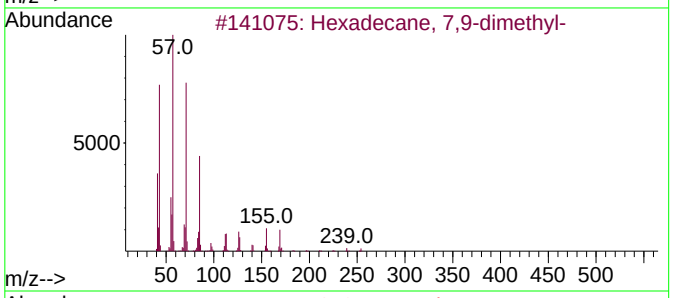
Peak Number 6 Hexadecane, 7,9-dimethyl- Concentration Rank 12

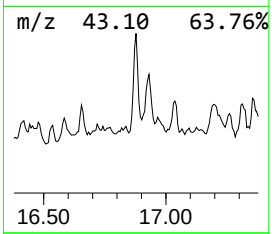
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.878	5.05 ng	329458	Phenanthrene-d10	17.125

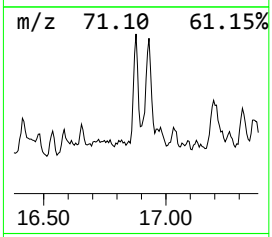
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	90
2	Nonadecane	268	C19H40	000629-92-5	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87

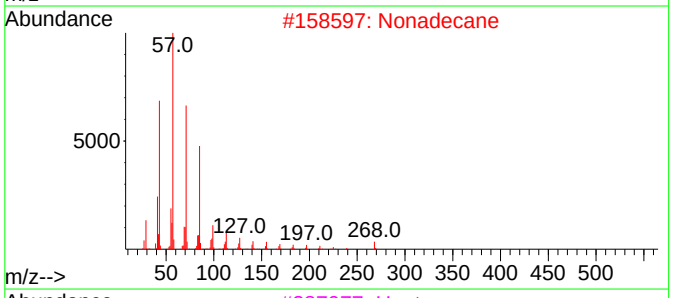


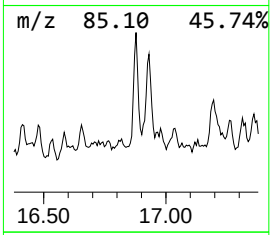


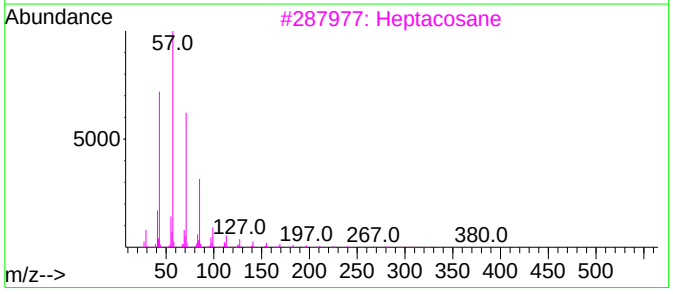


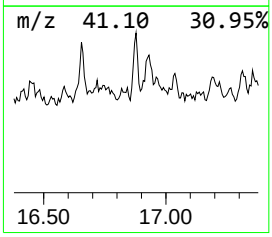












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100925\
Data File : BP025970.D
Acq On : 09 Oct 2025 18:30
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

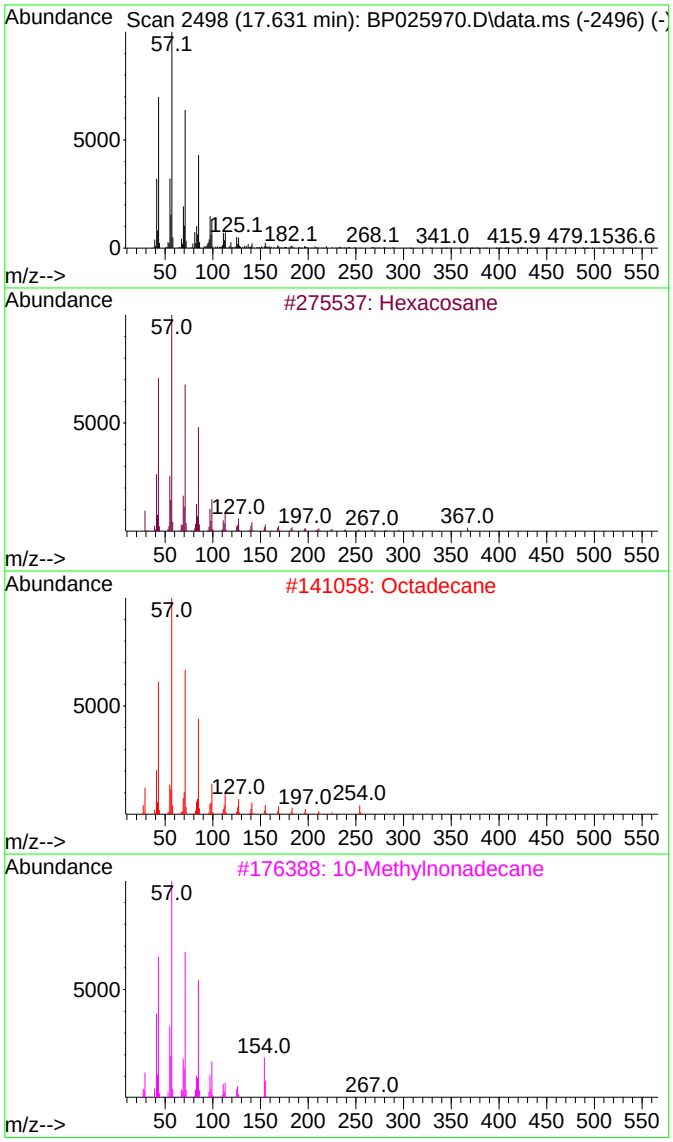
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

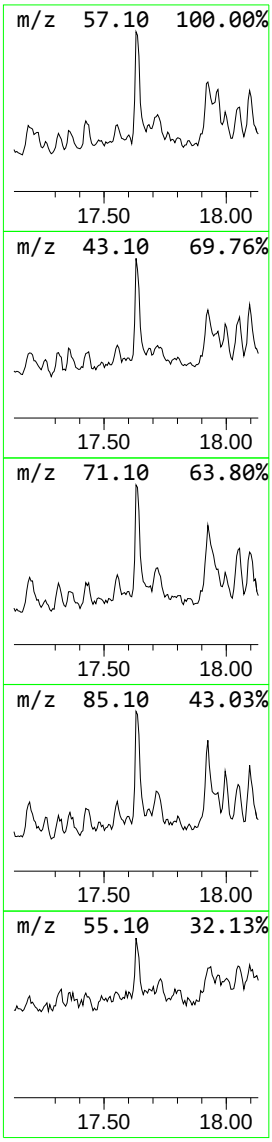
****

Peak Number 7 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.631	9.42 ng	614124	Phenanthrene-d10	17.125

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octadecane	254	C18H38	000593-45-3	91
3	10-Methylnonadecane	282	C20H42	056862-62-5	91
4	Tritetracontane	605	C43H88	007098-21-7	91
5	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	90





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Sample : Q3315-01 50X
Misc :
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TIC Library : C:\Database\NIST20.L
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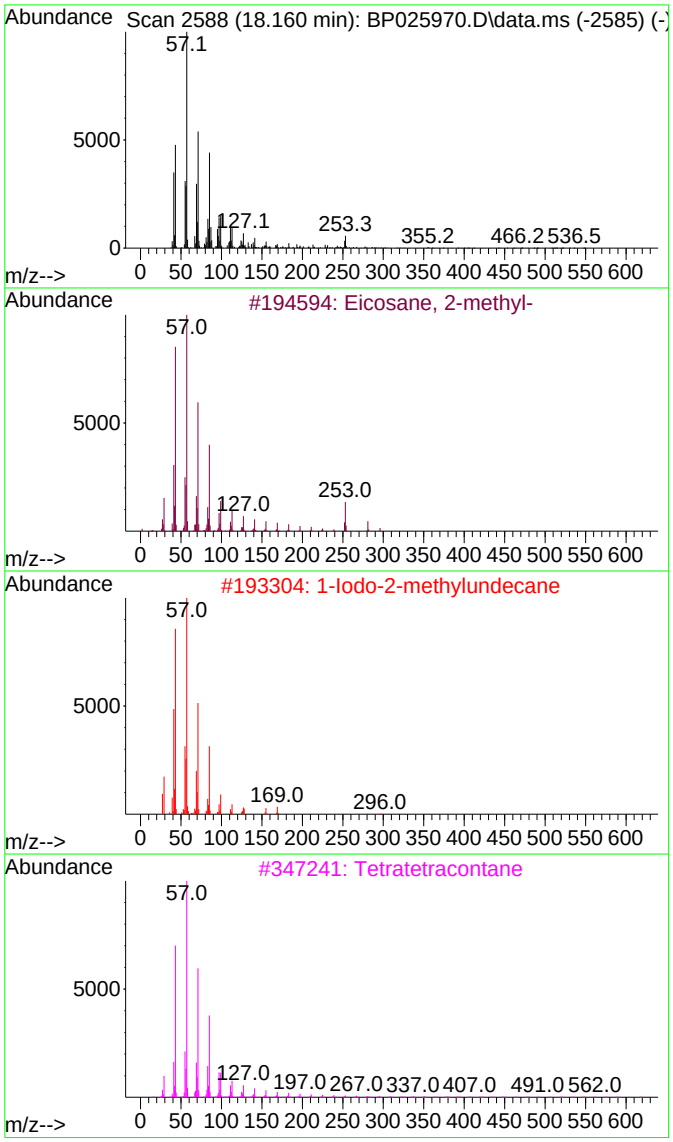
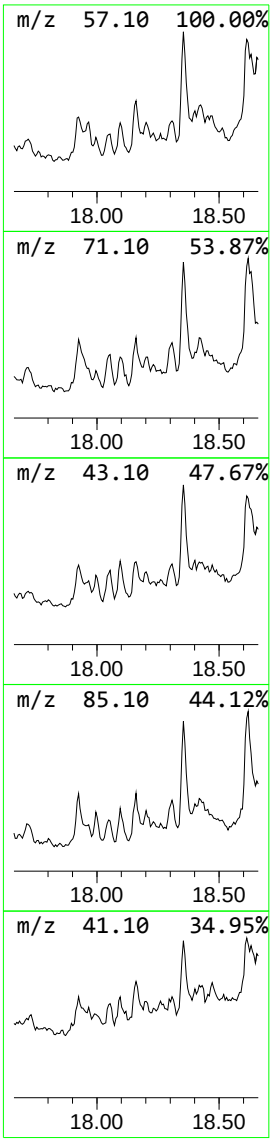
Peak Number 8 Eicosane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.160	8.69 ng	566438	Phenanthrene-d10	17.125

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	83
3	Tetratetracontane	619	C44H90	007098-22-8	83
4	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	83
5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	80





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TIC Library : C:\Database\NIST20.L
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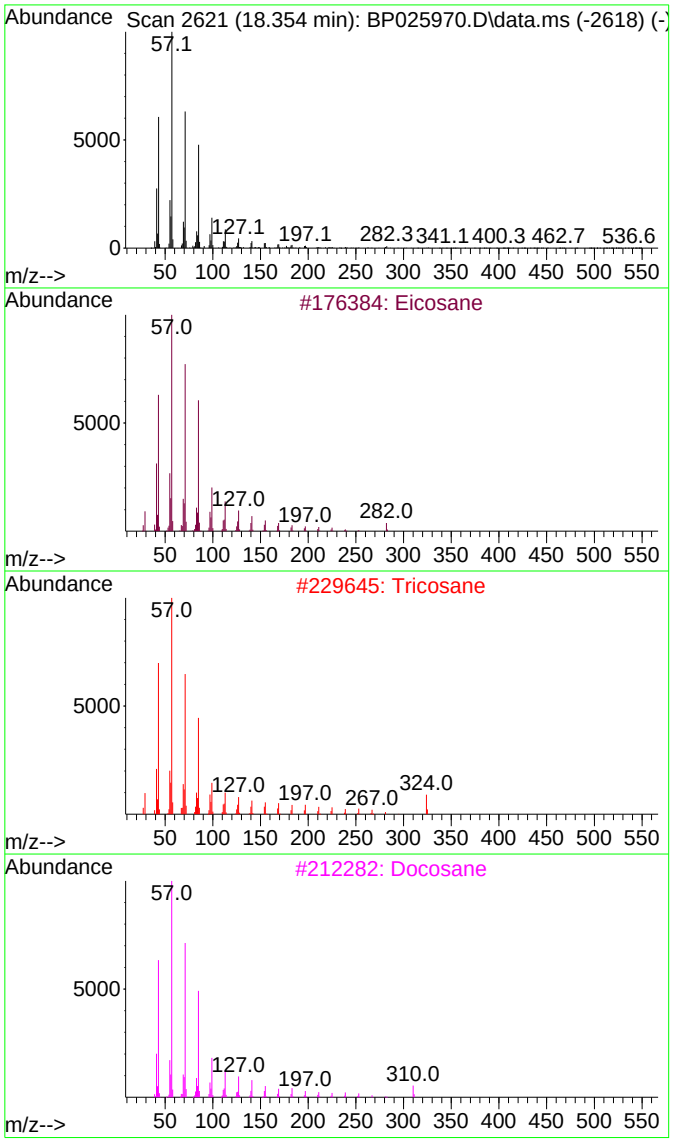
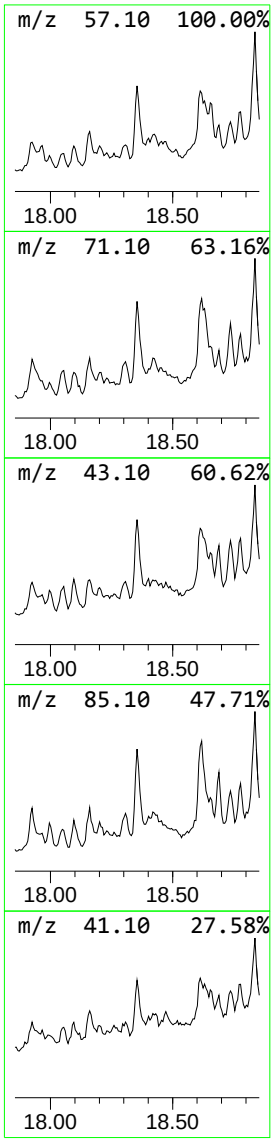
Peak Number 9 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.354	14.22 ng	927175	Phenanthrene-d10	17.125

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Tricosane	324	C23H48	000638-67-5	94
3	Docosane	310	C22H46	000629-97-0	94
4	Heptadecane	240	C17H36	000629-78-7	91
5	Nonadecane	268	C19H40	000629-92-5	91





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Sample : Q3315-01 50X
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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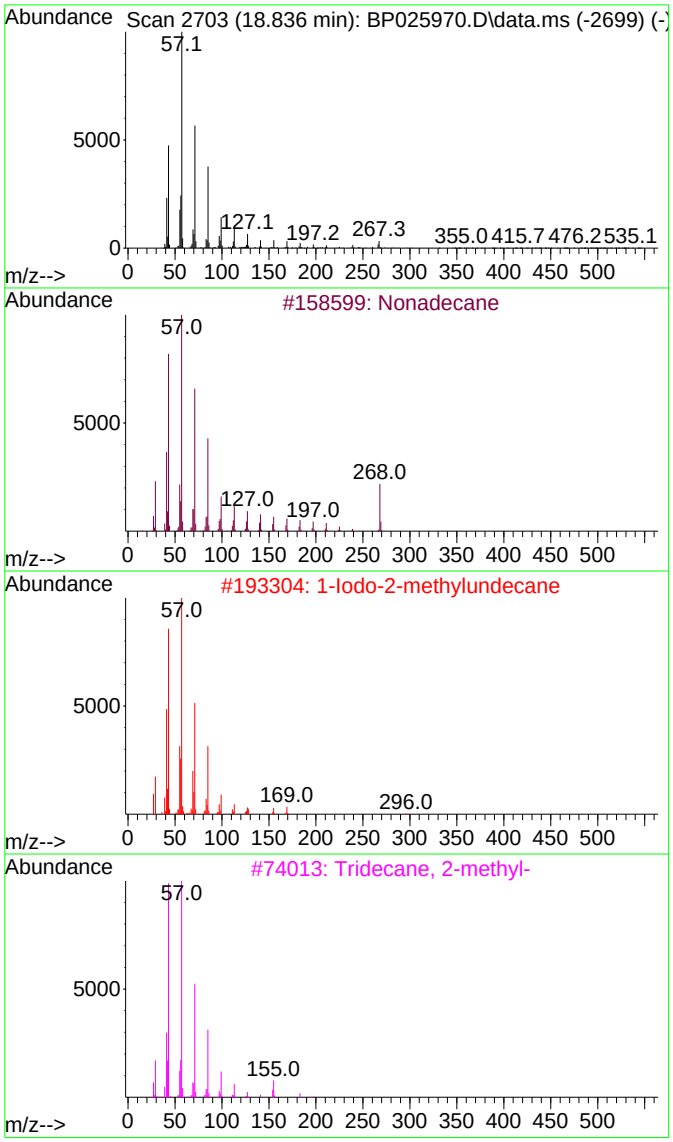
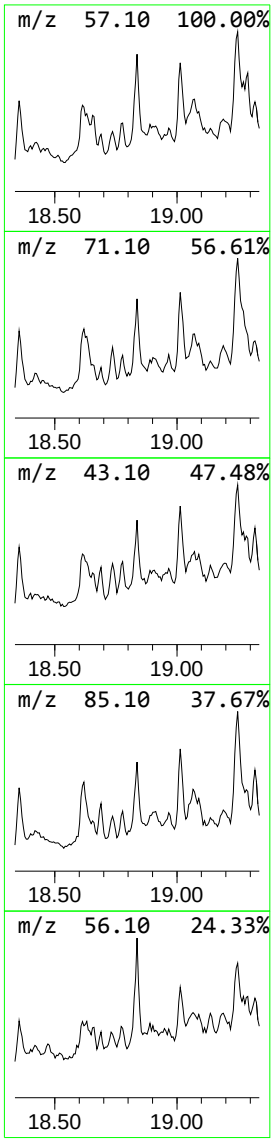
Peak Number 12 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.837	15.77 ng	1028470	Phenanthrene-d10	17.125

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	87
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
4	Docosane	310	C22H46	000629-97-0	83
5	Tetracosane	338	C24H50	000646-31-1	80





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ClientSampleId :
314

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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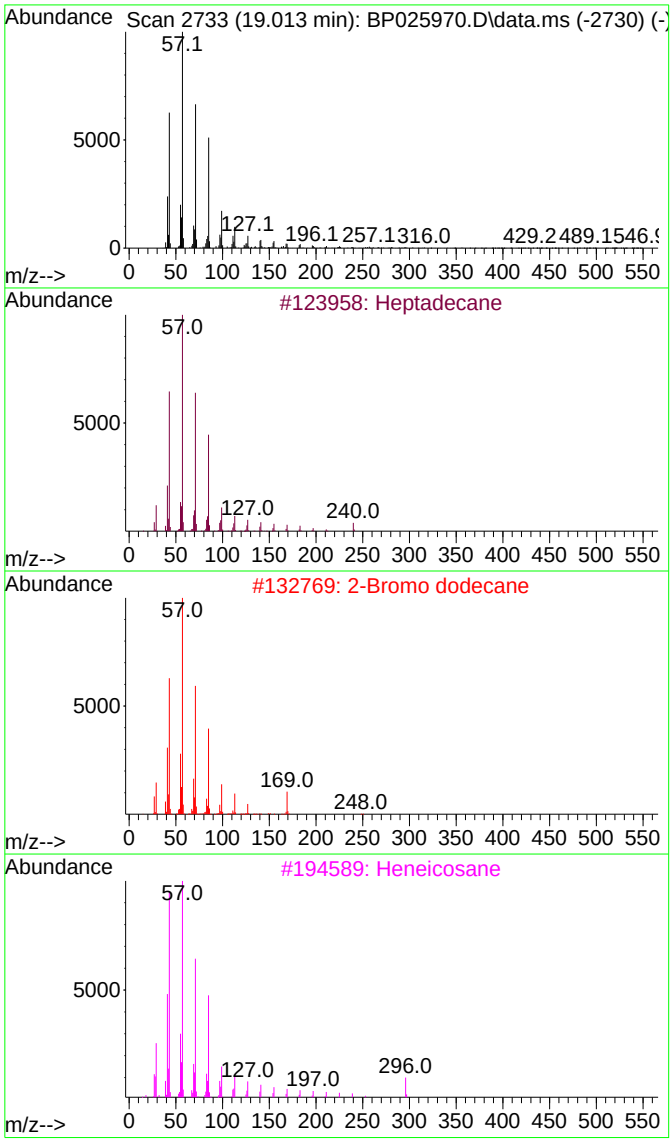
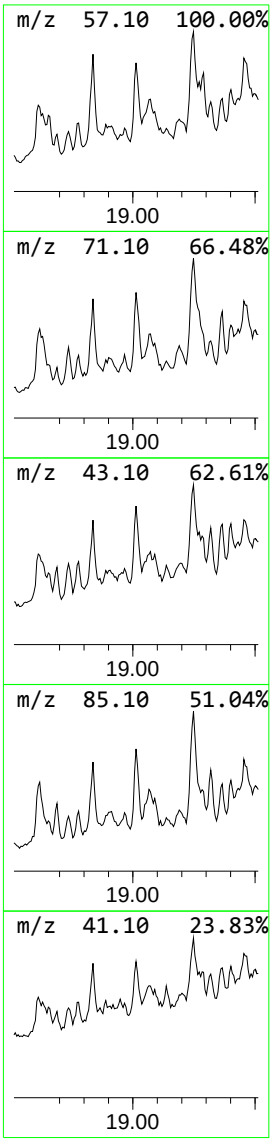
Peak Number 13 2-Bromo dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.013	15.93 ng	1038600	Phenanthrene-d10	17.125

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100925\
Data File : BP025970.D
Acq On : 09 Oct 2025 18:30
Operator : RC/JU
Sample : Q3315-01 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
314

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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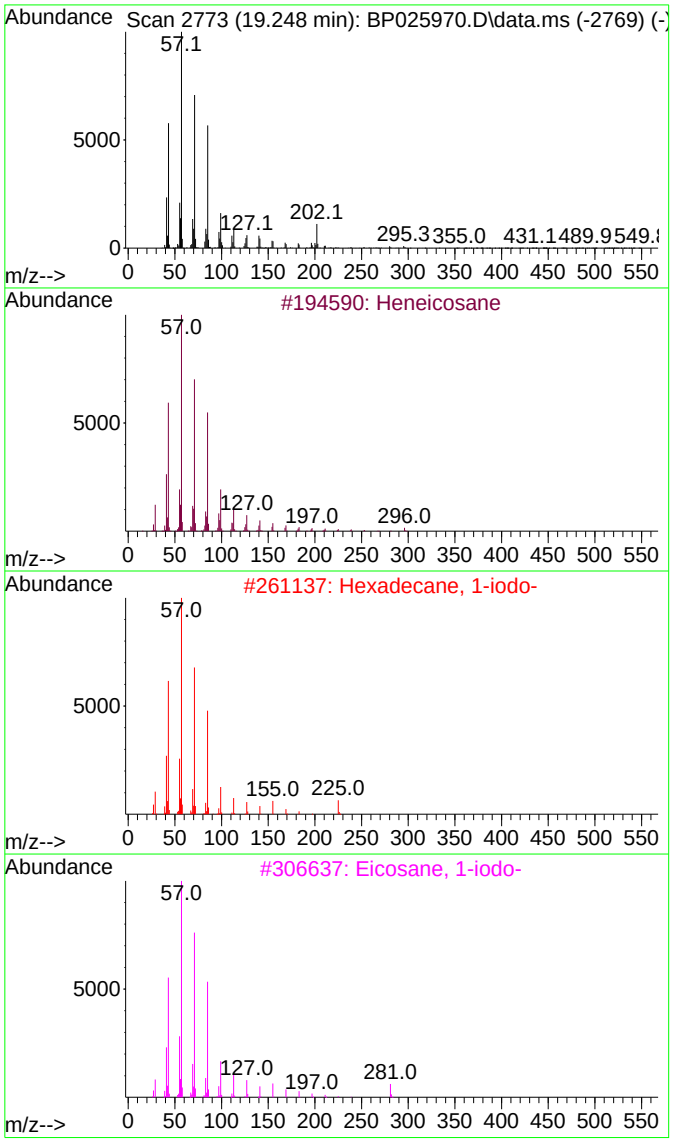
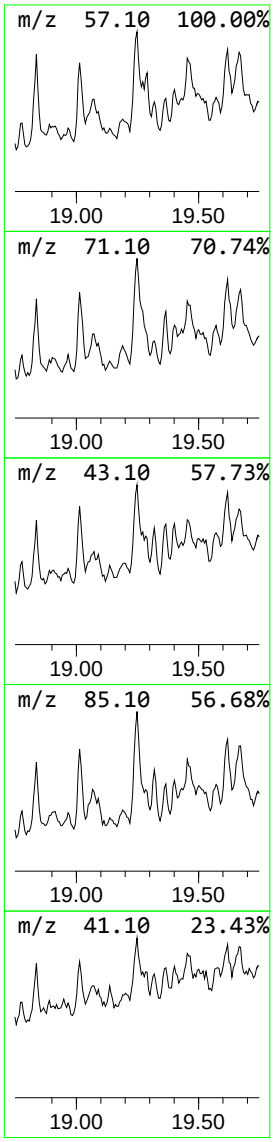
Peak Number 14 Heneicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.248	29.09 ng	1896860	Phenanthrene-d10	17.125

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80
3	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	80
4	Nonadecane	268	C19H40	000629-92-5	74
5	Eicosane	282	C20H42	000112-95-8	72





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Data File : BP025970.D
Acq On : 09 Oct 2025 18:30
Operator : RC/JU
Sample : Q3315-01 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
314

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
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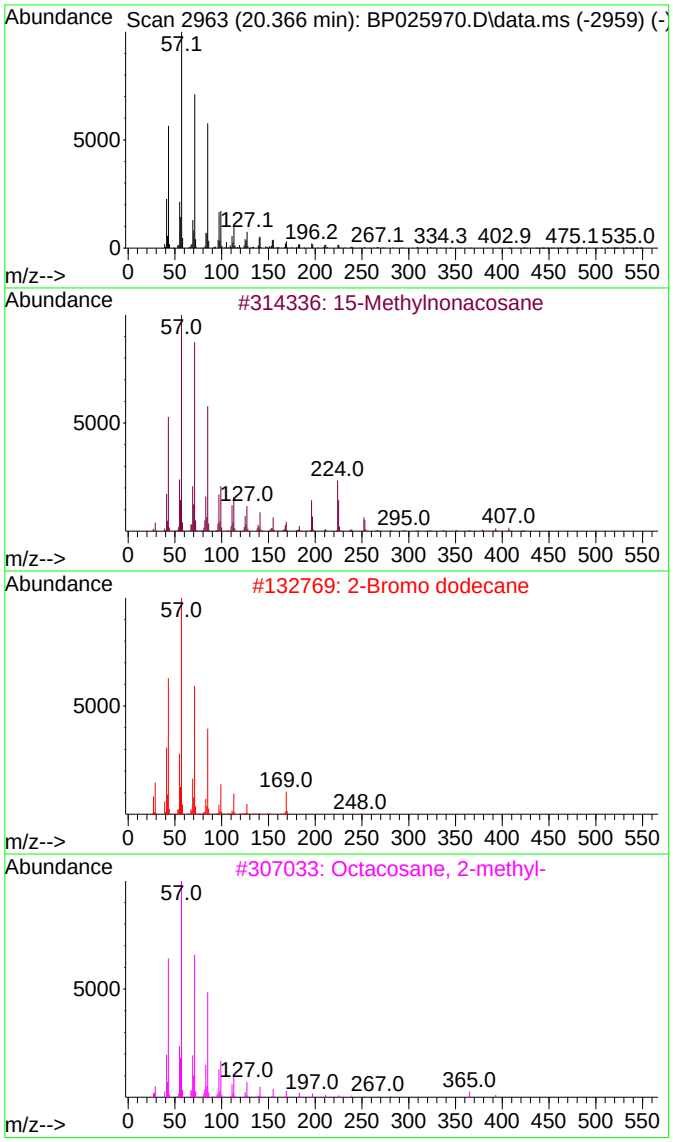
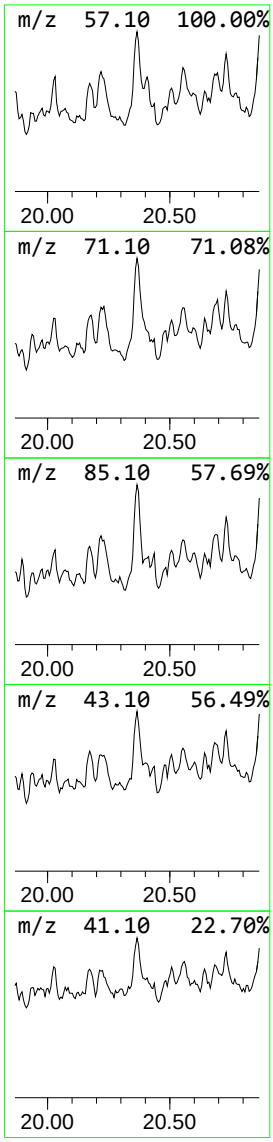
Peak Number 15 15-Methylnonacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.366	12.96 ng	2276390	Chrysene-d12	21.566

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Methylnonacosane	422	C30H62	065820-60-2	94
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
4	Eicosane	282	C20H42	000112-95-8	87
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100925\
Data File : BP025970.D
Acq On : 09 Oct 2025 18:30
Operator : RC/JU
Sample : Q3315-01 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
314

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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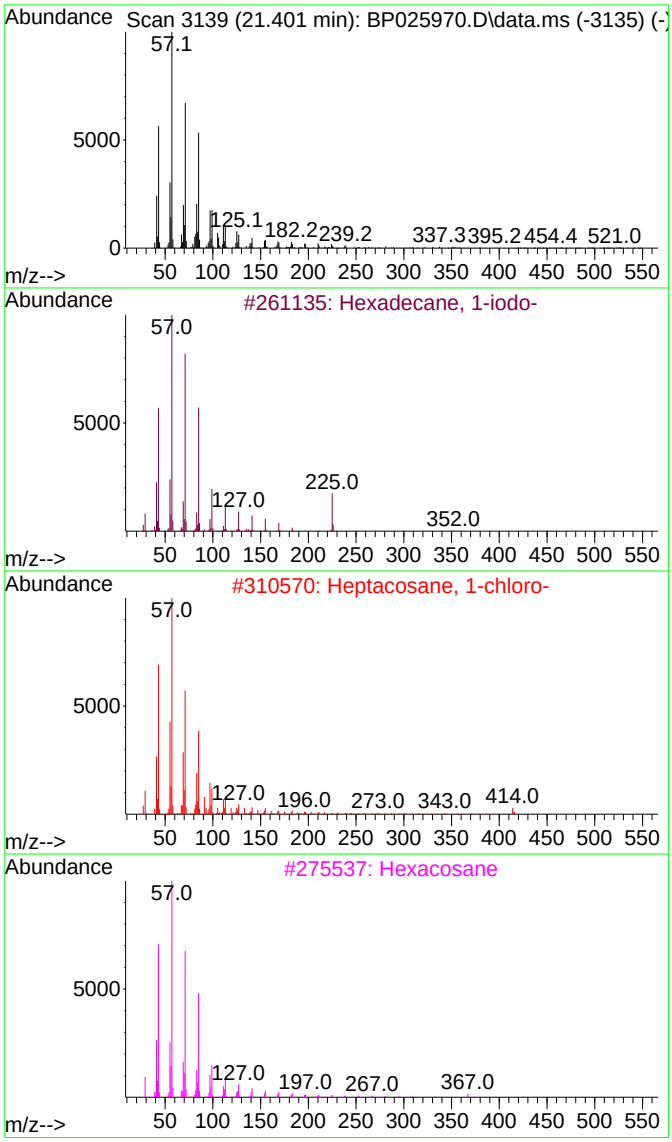
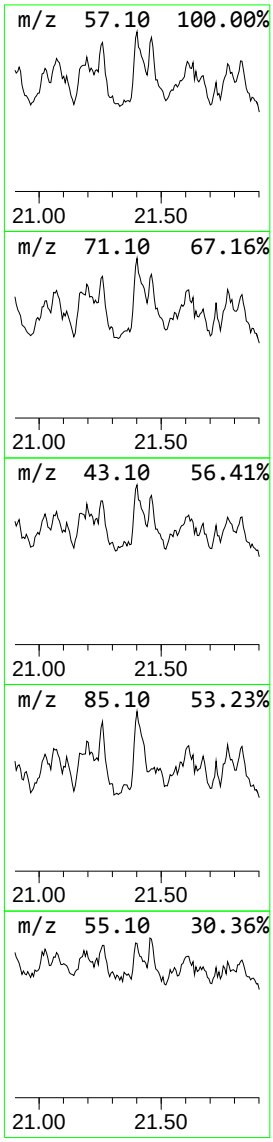
Peak Number 16 Hexadecane, 1-iodo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.401	17.64 ng	3097830	Chrysene-d12	21.566

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	95
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
3	Hexacosane	366	C26H54	000630-01-3	87
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	83
5	Tritetracontane	605	C43H88	007098-21-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100925\
Data File : BP025970.D
Acq On : 09 Oct 2025 18:30
Operator : RC/JU
Sample : Q3315-01 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tridecane	11.902	3.3	ng	186332	2	10.496	1117550	20.0
Phenol, 2,6-bis...	13.672	2.3	ng	176150	3	14.337	1536370	20.0
Heptadecane	16.066	5.2	ng	341457	4	17.125	1304200	20.0
Hexadecane, 7,9...	16.878	5.0	ng	329458	4	17.125	1304200	20.0
Hexacosane	17.631	9.4	ng	614124	4	17.125	1304200	20.0
Eicosane, 2-met...	18.160	8.7	ng	566438	4	17.125	1304200	20.0
Eicosane	18.354	14.2	ng	927175	4	17.125	1304200	20.0
Nonadecane	18.837	15.8	ng	1028470	4	17.125	1304200	20.0
2-Bromo dodecane	19.013	15.9	ng	1038600	4	17.125	1304200	20.0
Heneicosane	19.248	29.1	ng	1896860	4	17.125	1304200	20.0
15-Methylnonaco...	20.366	13.0	ng	2276390	5	21.566	3512940	20.0
Hexadecane, 1-i...	21.401	17.6	ng	3097830	5	21.566	3512940	20.0