LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025616.D
Acq On : 28 Aug 2025 18:01
Operator : CG/JU
Sample : Q2970-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP10

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025616.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.031	11	16	21	rBV	1119081	1584459	16.68%	2.333%
2	4.937	333	340	350	rVB	357931	528383	5.56%	0.778%
3	5.396	411	418	433	rBV	3009174	4717389	49.65%	6.947%
4	6.961	675	684	704	rBV	2845846	4807826	50.60%	7.080%
5	7.778	815	823	830	rBV	665233	1040536	10.95%	1.532%
6	8.913	1008	1016	1038	rBV	1872069	3258453	34.30%	4.798%
7	10.543	1285	1293	1301	rBV	719426	1427074	15.02%	2.101%
8	13.001	1704	1711	1734	rBV	4303115	6614573	69.62%	9.740%
9	14.396	1939	1948	1954	rBV	1149244	1871035	19.69%	2.755%
10	14.454	1954	1958	1965	rVB	85846	139404	1.47%	0.205%
11	14.801	2010	2017	2025	rBV	88131	157751	1.66%	0.232%
12	15.460	2123	2129	2139	rVB2	127726	190679	2.01%	0.281%
13	15.778	2176	2183	2190	rVB	518064	741888	7.81%	1.092%
14	15.907	2198	2205	2218	rBV	3243495	5746456	60.48%	8.462%
15	16.842	2359	2364	2371	rVB	79394	125778	1.32%	0.185%
16	16.925	2371	2378	2384	rVV6	46282	127117	1.34%	0.187%
17	17.001	2387	2391	2403	rVB	66178	129344	1.36%	0.190%
18	17.195	2418	2424	2428	rBV	1538517	2230661	23.48%	3.285%
19	17.237	2428	2431	2438	rVV	1456950	1926299	20.28%	2.837%
20	17.325	2438	2446	2453	rVV	281061	529062	5.57%	0.779%
21	17.389	2453	2457	2470	rVB3	56647	122843	1.29%	0.181%
22	17.613	2487	2495	2500	rBV2	168867	286984	3.02%	0.423%
23	18.107	2573	2579	2581	rVV	177748	279514	2.94%	0.412%
24	18.142	2581	2585	2597	rVV2	1431198	2278619	23.98%	3.355%
25	18.236	2597	2601	2606	rVV2	132445	235771	2.48%	0.347%
26	18.307	2607	2613	2617	rVV2	219019	471544	4.96%	0.694%
27	18.336	2617	2618	2624	rVB	146625	167936	1.77%	0.247%
28	18.619	2663	2666	2670	rBV	126701	149684	1.58%	0.220%
29	18.660	2670	2673	2679	rVB2	109889	137951	1.45%	0.203%
30	19.048	2735	2739	2745	rVB	88250	127692	1.34%	0.188%
31	19.195	2761	2764	2773	rVB3	98959	172405	1.81%	0.254%
32	19.325	2780	2786	2793	rBV	1703836	2278025	23.98%	3.355%
33	19.460	2806	2809	2817	rVB3	275812	408788	4.30%	0.602%
34	19.666	2840	2844	2846	rBV2	327235	430482	4.53%	0.634%
35	19.695	2846	2849	2859	rVV	1248817	1870153	19.68%	2.754%
36	19.778	2860	2863	2869	rVB2	107603	171537	1.81%	0.253%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025616.D
Acq On : 28 Aug 2025 18:01
Operator : CG/JU
Sample : Q2970-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP10

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.925	2878	2888	2893	rBV	6978076	9500853	100.00%	13.991%
38	20.031	2902	2906	2907	rBV	81287	107556	1.13%	0.158%
39	20.213	2934	2937	2942	rVB	234123	310723	3.27%	0.458%
40	20.325	2952	2956	2960	rBV	132320	216599	2.28%	0.319%
41	20.378	2961	2965	2971	rVB2	225059	412060	4.34%	0.607%
42	20.695	3016	3019	3022	rBV4	118913	178835	1.88%	0.263%
43	21.013	3070	3073	3081	rBV	140363	272293	2.87%	0.401%
44	21.301	3117	3122	3129	rBV4	737566	1256069	13.22%	1.850%
45	21.636	3170	3179	3184	rBV2	1652354	4090843	43.06%	6.024%
46	21.683	3184	3187	3199	rVB	540646	1080420	11.37%	1.591%
47	23.942	3567	3571	3573	rBV	269620	425196	4.48%	0.626%
48	25.007	3745	3752	3761	rVB2	977599	2572751	27.08%	3.789%

Sum of corrected areas: 67908293

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
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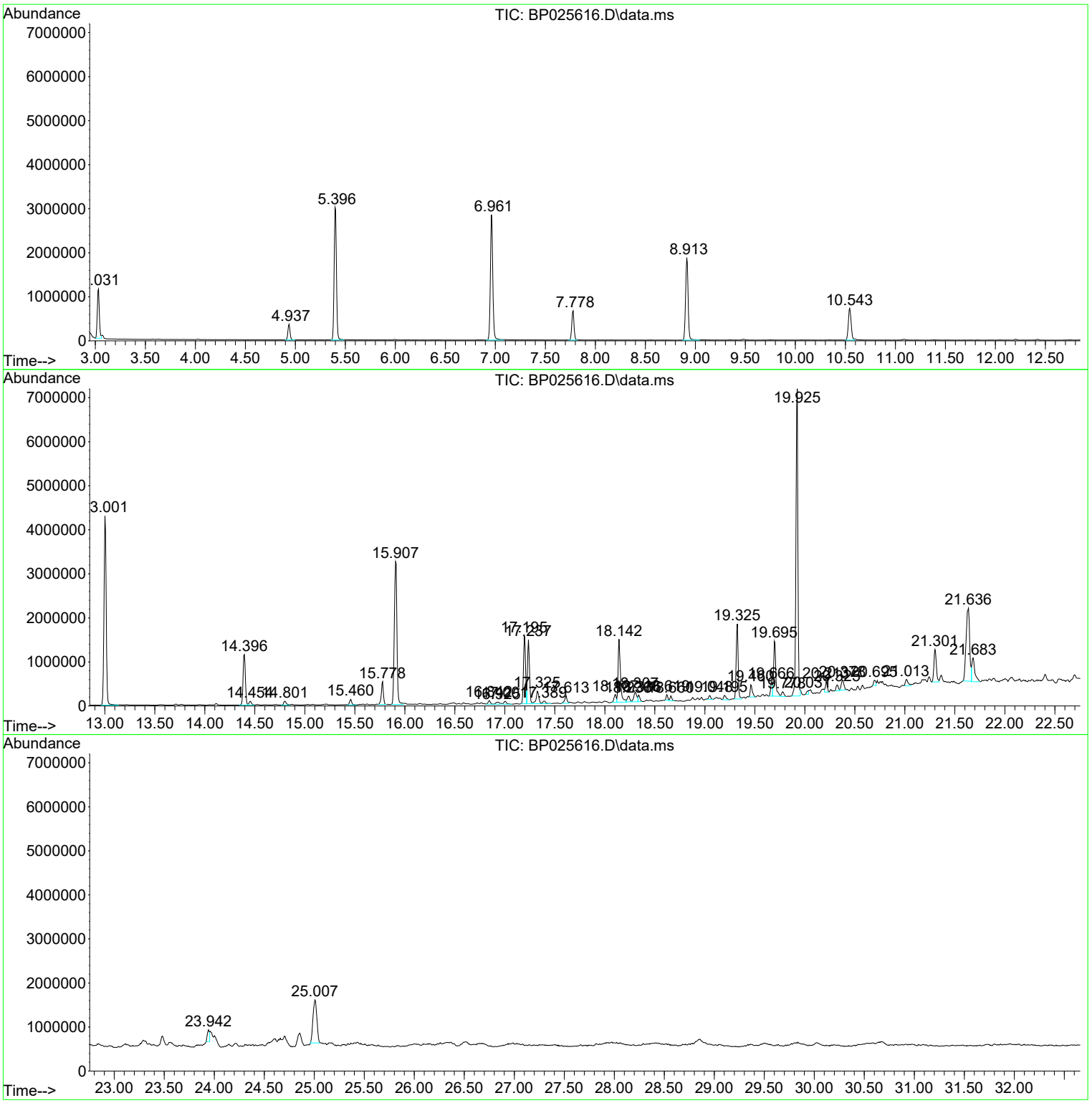
Acq On : 28 Aug 2025 18:01
Operator : CG/JU
Sample : Q2970-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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\BP082825\
Data File : BP025616.D
Acq On : 28 Aug 2025 18:01
Operator : CG/JU
Sample : Q2970-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

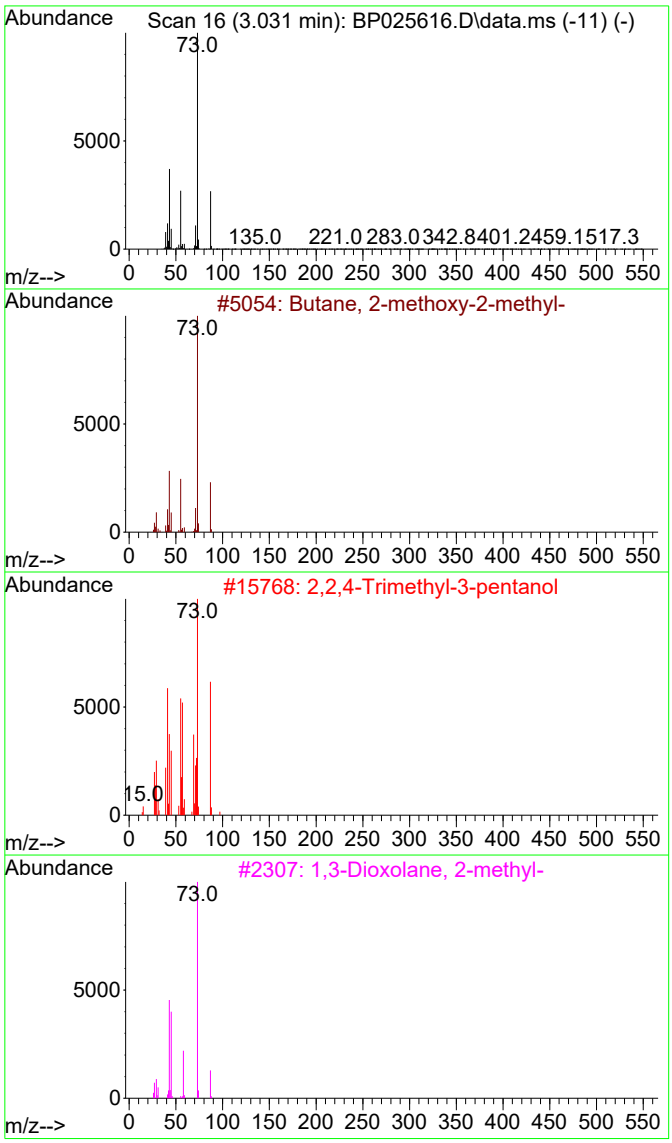
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

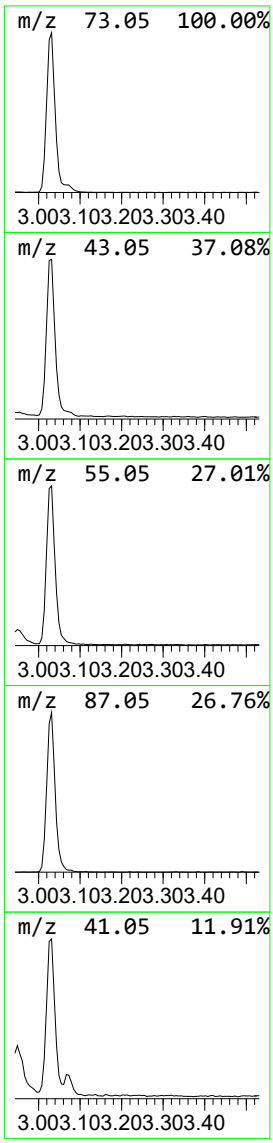
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.031	30.45 ng	1584460	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025616.D
Acq On : 28 Aug 2025 18:01
Operator : CG/JU
Sample : Q2970-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP10

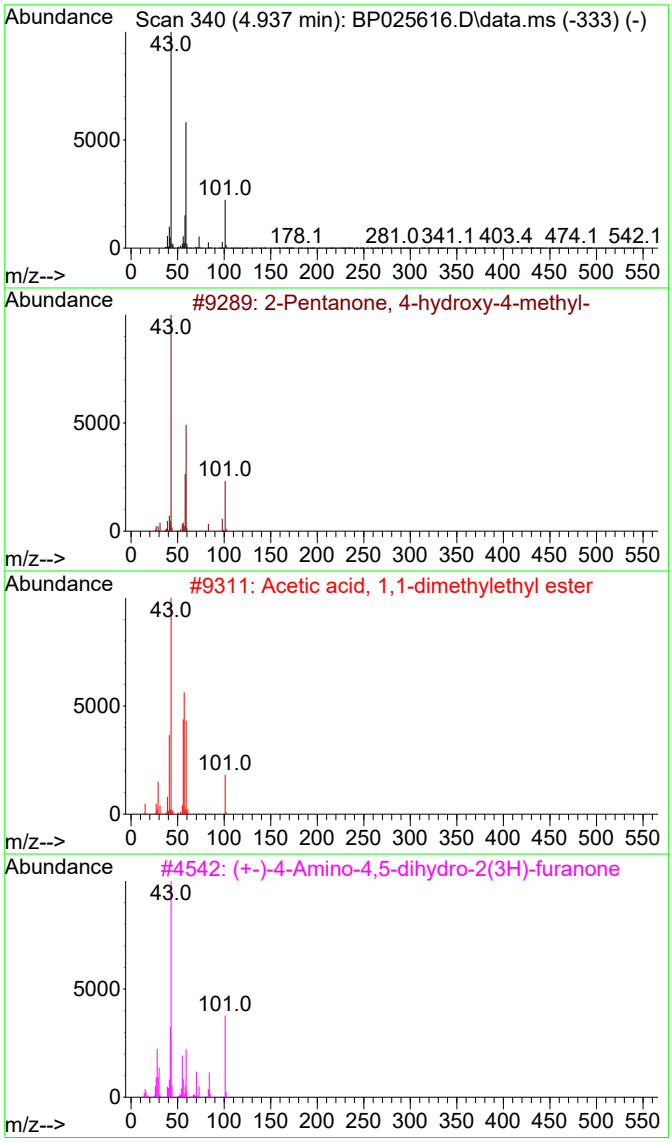
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

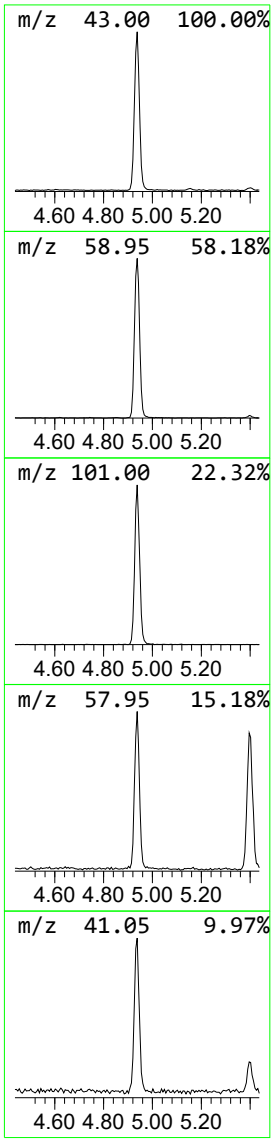
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.937	10.16 ng	528383	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	32
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	23
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025616.D
Acq On : 28 Aug 2025 18:01
Operator : CG/JU
Sample : Q2970-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

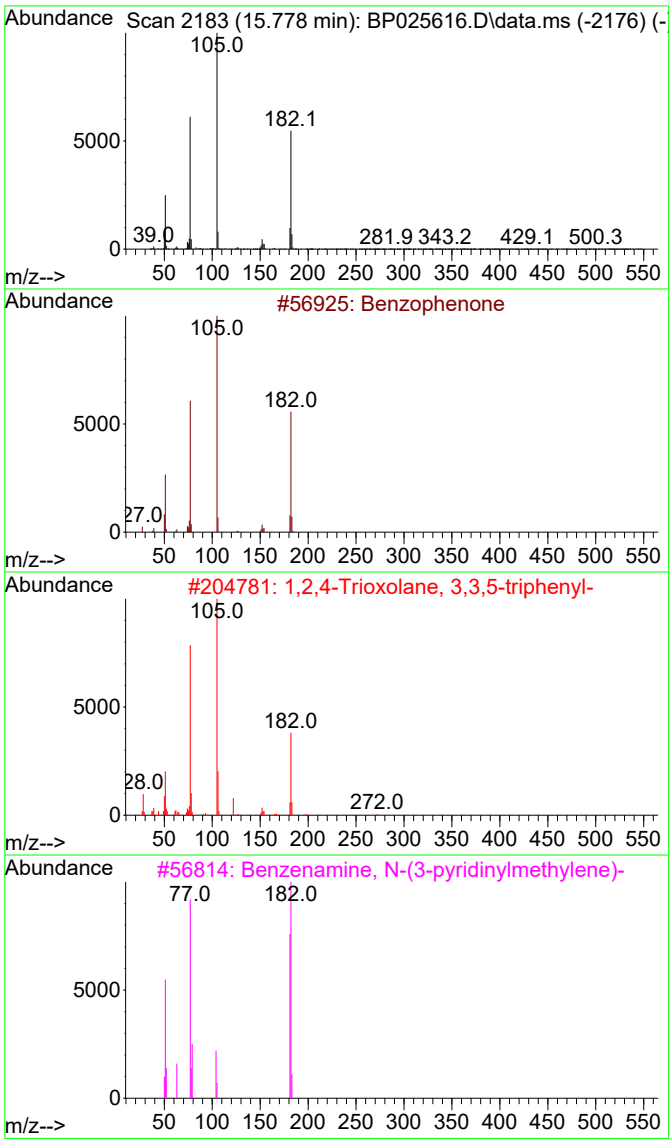
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

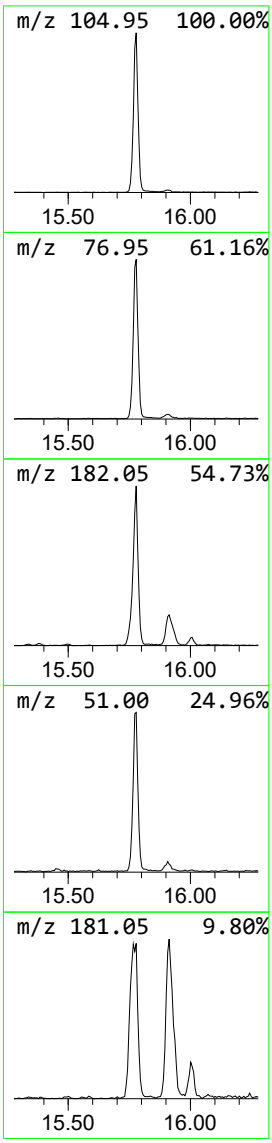
****

Peak Number 4 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.778	7.93 ng	741888	Acenaphthene-d10	14.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	45
3	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42
4	Azobenzene	182	C12H10N2	000103-33-3	38
5	1,1-Diphenyl-2-phenylthiobut-3-e...	332	C22H20OS	097370-20-2	36





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025616.D
Acq On : 28 Aug 2025 18:01
Operator : CG/JU
Sample : Q2970-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

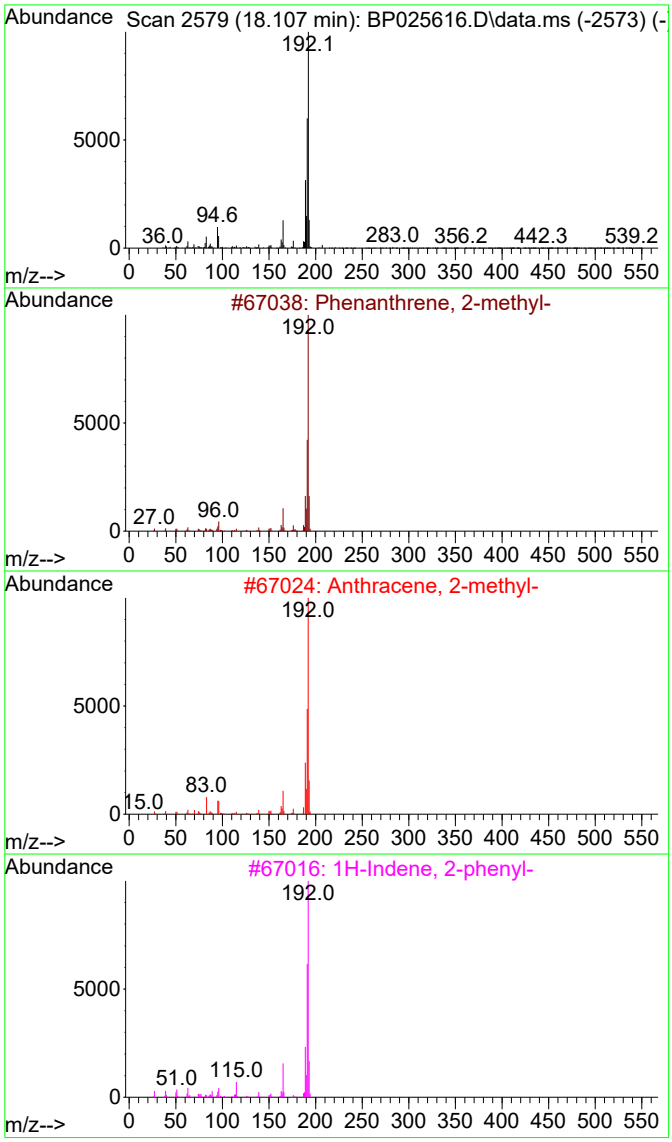
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

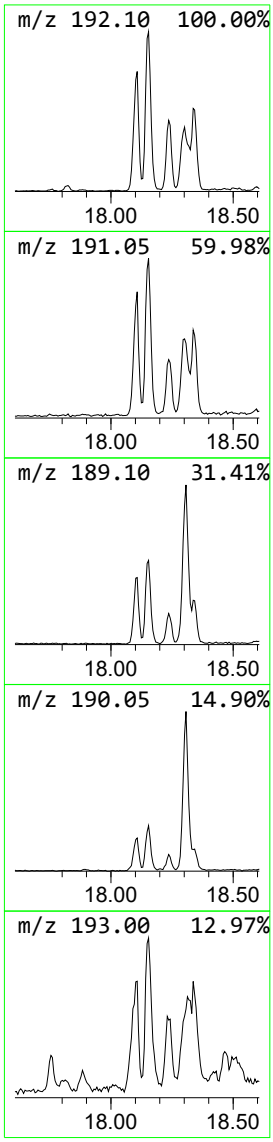
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.107	2.51 ng	279514	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025616.D
Acq On : 28 Aug 2025 18:01
Operator : CG/JU
Sample : Q2970-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

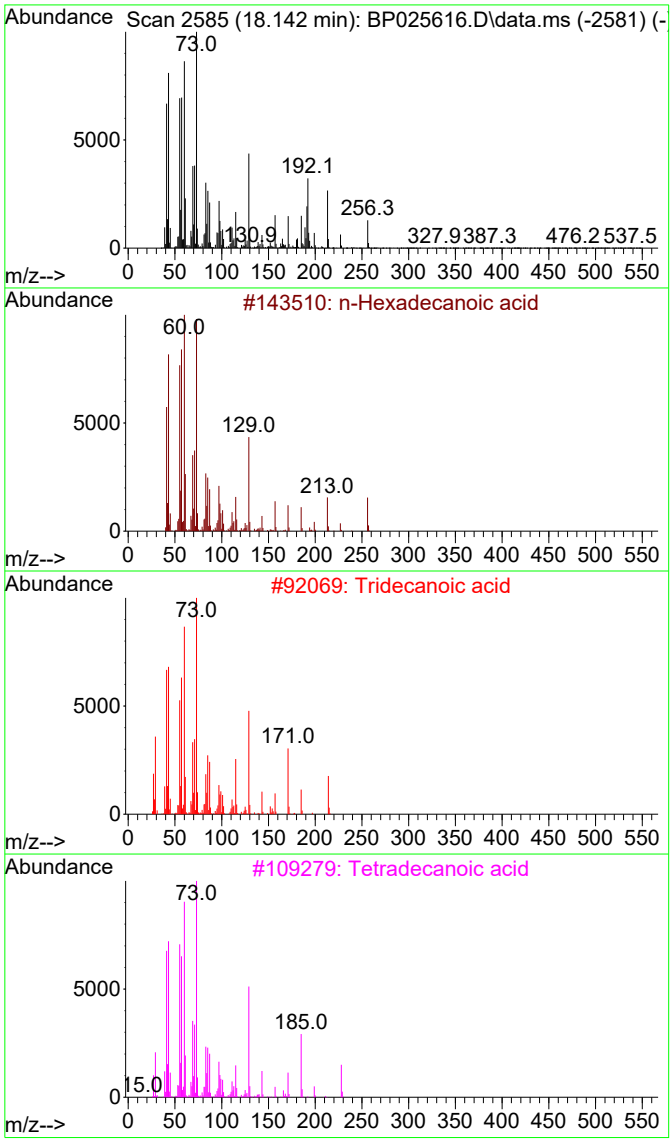
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

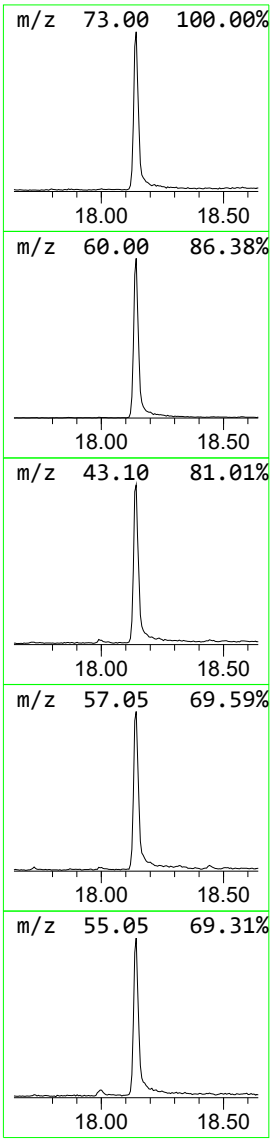
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.142	20.43 ng	2278620	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Undecanoic acid	186	C11H22O2	000112-37-8	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025616.D
Acq On : 28 Aug 2025 18:01
Operator : CG/JU
Sample : Q2970-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

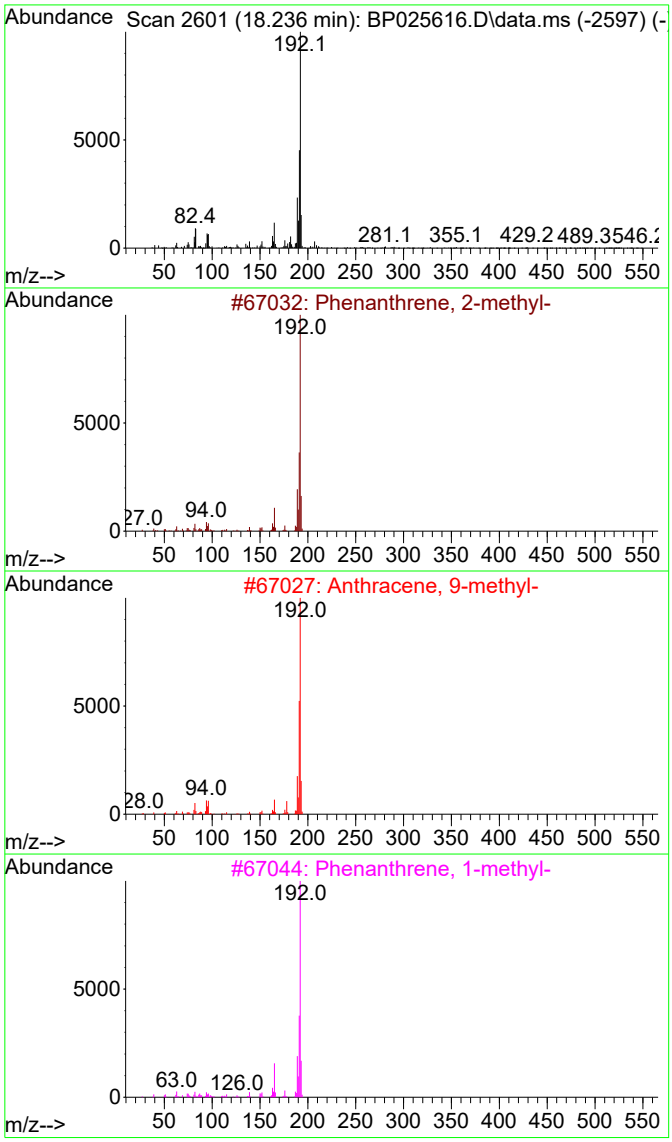
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

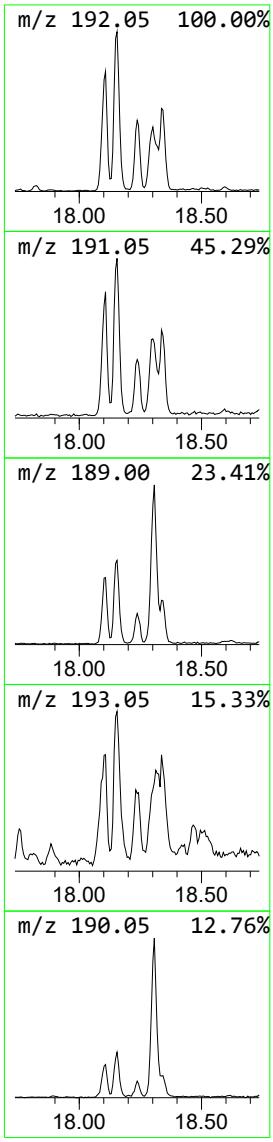
****

Peak Number 7 Anthracene, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.236	2.11 ng	235771	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025616.D
Acq On : 28 Aug 2025 18:01
Operator : CG/JU
Sample : Q2970-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP10

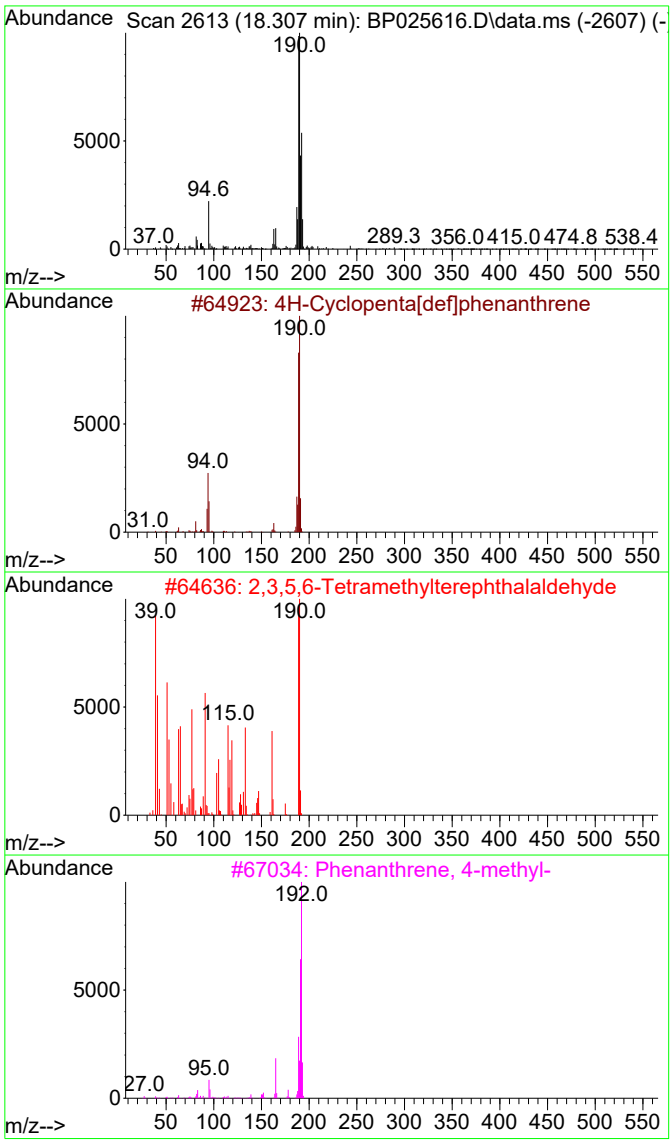
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

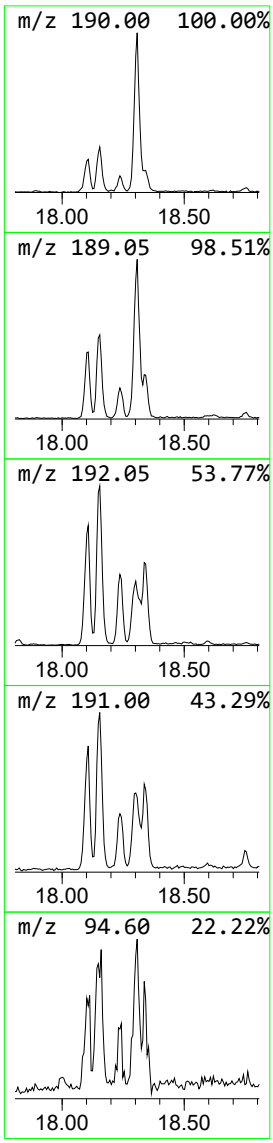
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.307	4.23 ng	471544	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
4	Isoquinoline, 1-chloro-3-ethyl-	191	C11H10ClN	055150-52-2	30
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025616.D
Acq On : 28 Aug 2025 18:01
Operator : CG/JU
Sample : Q2970-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

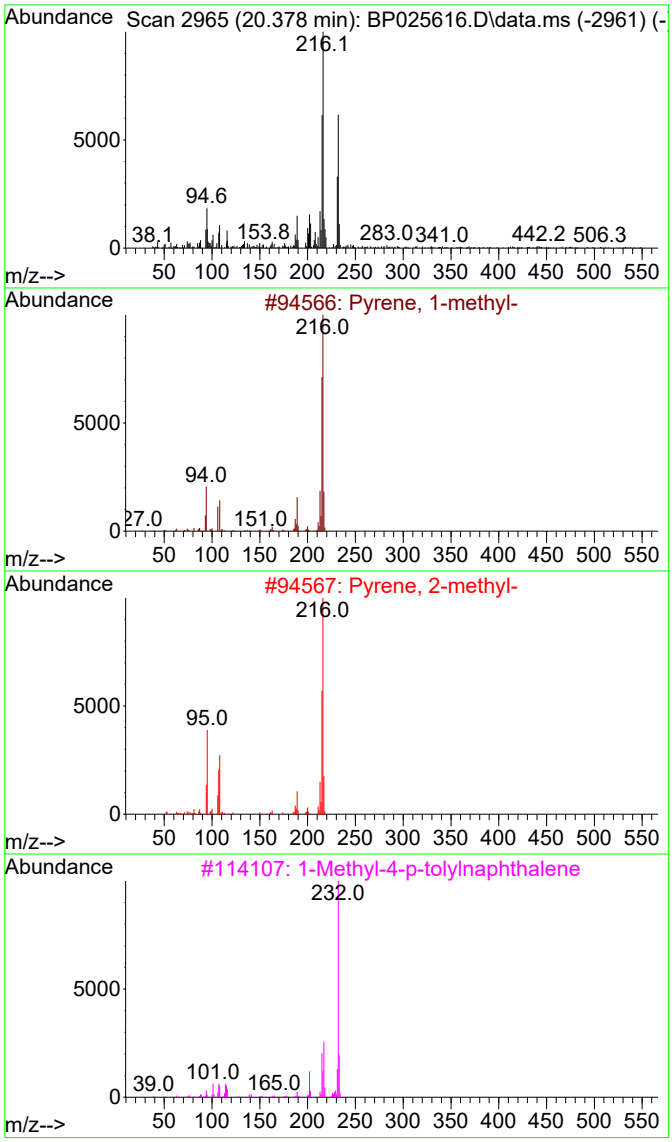
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

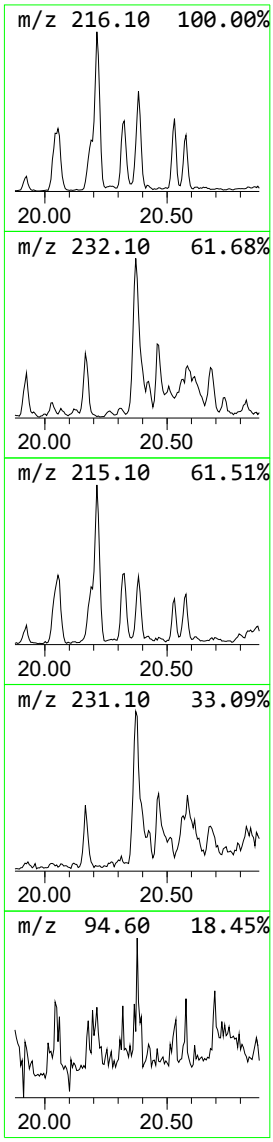
****

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.378	2.01 ng	412060	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	78
3	1-Methyl-4-p-tolylnaphthalene	232	C18H16	093870-57-6	60
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	53
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025616.D
Acq On : 28 Aug 2025 18:01
Operator : CG/JU
Sample : Q2970-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

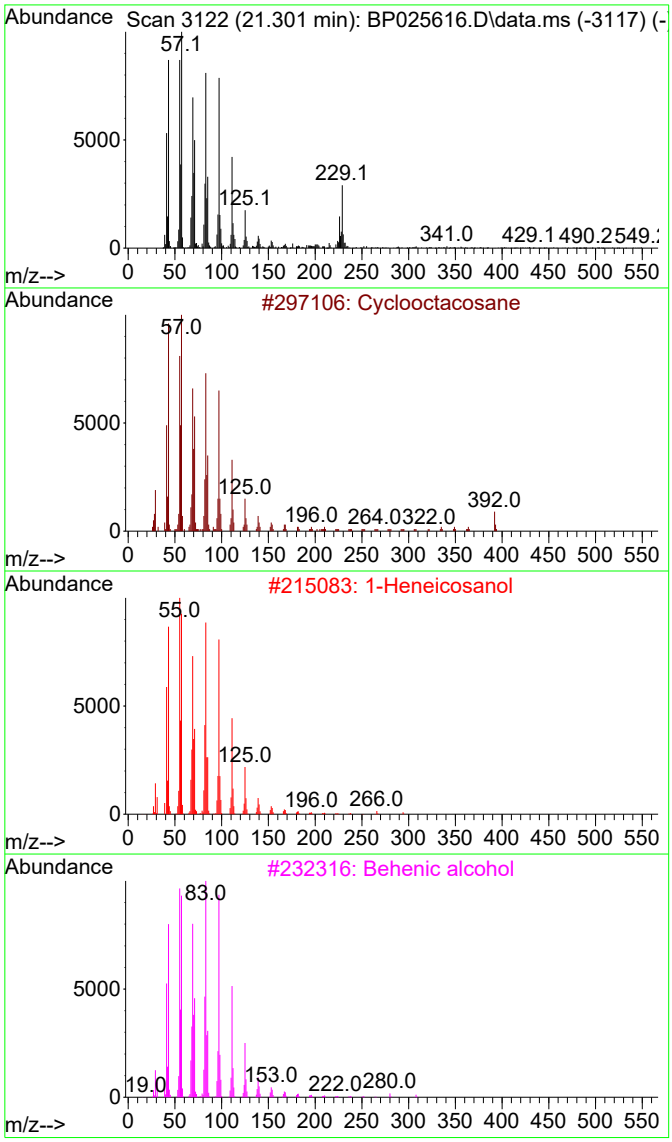
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

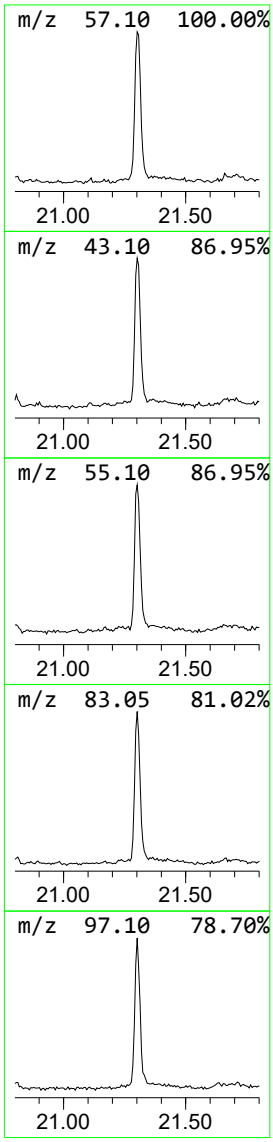
****

Peak Number 10 Cyclooctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.301	6.14 ng	1256070	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctacosane	392	C28H56	000297-24-5	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
5	1-Tetracosene	336	C24H48	010192-32-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025616.D
Acq On : 28 Aug 2025 18:01
Operator : CG/JU
Sample : Q2970-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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
Butane, 2-metho...	3.031	30.4	ng	1584460	1	7.778	1040540	20.0
2-Pentanone, 4-...	4.937	10.2	ng	528383	1	7.778	1040540	20.0
Benzophenone	15.778	7.9	ng	741888	3	14.396	1871040	20.0
Phenanthrene, 2...	18.107	2.5	ng	279514	4	17.195	2230660	20.0
n-Hexadecanoic ...	18.142	20.4	ng	2278620	4	17.195	2230660	20.0
Anthracene, 9-m...	18.236	2.1	ng	235771	4	17.195	2230660	20.0
4H-Cyclopenta[d...	18.307	4.2	ng	471544	4	17.195	2230660	20.0
Pyrene, 1-methyl-	20.378	2.0	ng	412060	5	21.636	4090840	20.0
Cyclooctacosane	21.301	6.1	ng	1256070	5	21.636	4090840	20.0