LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
Data File : BG064721.D
Acq On : 7 Nov 2025 18:15
Operator : RC/JU
Sample : Q3551-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MANHOLE

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_G\Methods\8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064721.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.177	9	15	23	rBV2	50913	106287	3.51%	0.465%
2	3.259	23	29	50	rVB	1348154	2156684	71.32%	9.436%
3	5.733	443	450	460	rBV	188276	324291	10.72%	1.419%
4	6.826	629	636	645	rBV	546310	855749	28.30%	3.744%
5	7.066	667	677	686	rVB2	14934	32345	1.07%	0.142%
6	7.337	715	723	736	rBV2	97082	217032	7.18%	0.950%
7	8.200	864	870	876	rBV	115159	193604	6.40%	0.847%
8	8.635	938	944	952	rVB	43767	77540	2.56%	0.339%
9	8.952	991	998	1002	rBV2	31475	60499	2.00%	0.265%
10	9.364	1060	1068	1078	rBV	318865	599870	19.84%	2.625%
11	9.440	1078	1081	1092	rVB7	15472	34931	1.16%	0.153%
12	9.593	1101	1107	1120	rBV	27848	58815	1.94%	0.257%
13	10.457	1208	1254	1258	rBV2	353305	2504360	82.82%	10.957%
14	11.027	1341	1351	1357	rBV	148732	286379	9.47%	1.253%
15	11.367	1402	1409	1428	rBV	332667	681760	22.55%	2.983%
16	11.555	1434	1441	1447	rBV2	25552	58862	1.95%	0.258%
17	12.249	1552	1559	1563	rVV	23473	55825	1.85%	0.244%
18	12.460	1588	1595	1601	rBV2	58557	130435	4.31%	0.571%
19	12.513	1601	1604	1610	rVB	55960	88769	2.94%	0.388%
20	13.453	1756	1764	1771	rBV	992020	1530015	50.60%	6.694%
21	14.652	1961	1968	1975	rBV2	56721	98891	3.27%	0.433%
22	14.763	1981	1987	1992	rBV	214509	425334	14.07%	1.861%
23	14.822	1992	1997	2013	rVB	298294	547363	18.10%	2.395%
24	15.227	2058	2066	2084	rBV	219370	426157	14.09%	1.865%
25	16.162	2220	2225	2237	rVB	154413	250465	8.28%	1.096%
26	16.303	2241	2249	2262	rBV	652760	1072220	35.46%	4.691%
27	16.561	2289	2293	2295	rBV	61494	91504	3.03%	0.400%
28	16.685	2310	2314	2318	rBV2	36492	61217	2.02%	0.268%
29	16.726	2318	2321	2330	rVB2	32003	61400	2.03%	0.269%
30	16.943	2353	2358	2365	rBV4	36393	66423	2.20%	0.291%
31	17.560	2456	2463	2475	rVB	399753	645523	21.35%	2.824%
32	17.842	2506	2511	2521	rVV	116350	208346	6.89%	0.912%
33	18.095	2548	2554	2560	rBV2	16497	36459	1.21%	0.160%
34	18.312	2585	2591	2599	rBV5	31951	73219	2.42%	0.320%
35	18.435	2604	2612	2622	rBV2	314489	543502	17.97%	2.378%
36	18.718	2656	2660	2674	rBV3	71150	163185	5.40%	0.714%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
Data File : BG064721.D
Acq On : 7 Nov 2025 18:15
Operator : RC/JU
Sample : Q3551-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MANHOLE

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_G\Methods\8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.864	2680	2685	2698	rVB	133191	225814	7.47%	0.988%
38	19.164	2732	2736	2740	rBV2	24637	32759	1.08%	0.143%
39	19.282	2752	2756	2763	rVB2	74162	102528	3.39%	0.449%
40	19.546	2797	2801	2802	rBV3	28368	31099	1.03%	0.136%
41	19.575	2802	2806	2818	rVB3	102421	219691	7.27%	0.961%
42	19.693	2821	2826	2833	rBV	192594	276646	9.15%	1.210%
43	19.945	2866	2869	2878	rVB9	27377	46795	1.55%	0.205%
44	20.110	2893	2897	2899	rBV	114310	143283	4.74%	0.627%
45	20.151	2899	2904	2910	rVB	2223127	3023944	100.00%	13.230%
46	20.316	2927	2932	2938	rBV3	133769	200311	6.62%	0.876%
47	20.416	2945	2949	2952	rBV3	28147	39734	1.31%	0.174%
48	20.468	2955	2958	2964	rVB5	45099	66164	2.19%	0.289%
49	20.674	2989	2993	2999	rVB3	32365	44580	1.47%	0.195%
50	20.839	3019	3021	3029	rVB5	30643	45745	1.51%	0.200%
51	21.203	3078	3083	3093	rVB	199900	275935	9.13%	1.207%
52	21.455	3121	3126	3133	rVB	112580	174025	5.75%	0.761%
53	21.738	3170	3174	3182	rVB3	51267	86486	2.86%	0.378%
54	21.826	3183	3189	3203	rVB	469085	876387	28.98%	3.834%
55	23.036	3392	3395	3404	rVB9	23587	46440	1.54%	0.203%
56	23.582	3479	3488	3500	rBV	387418	826354	27.33%	3.615%
57	25.151	3745	3755	3767	rBV	306593	907323	30.00%	3.970%
58	27.472	4140	4150	4164	rBV9	91969	338913	11.21%	1.483%

Sum of corrected areas: 22856216

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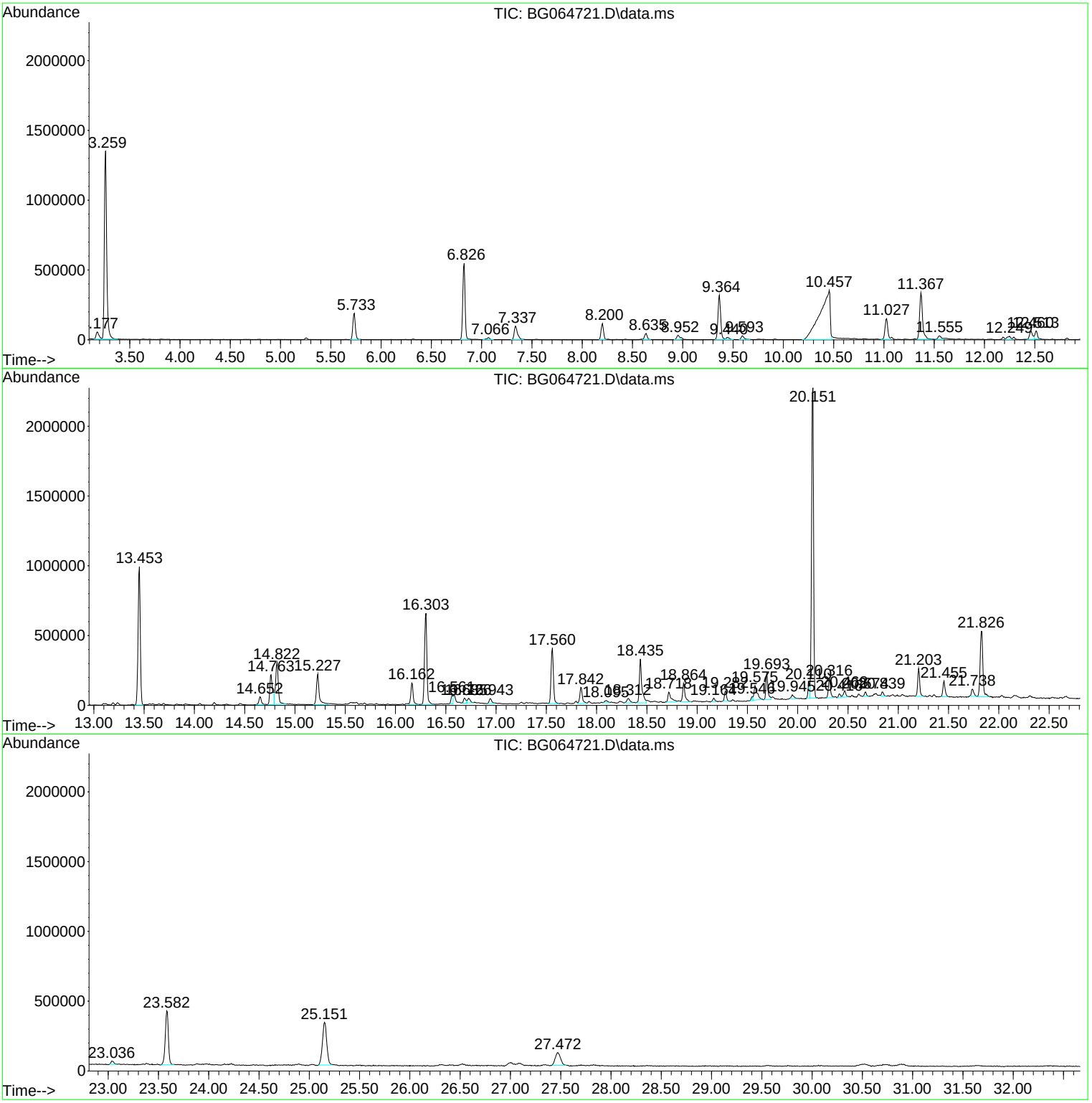
Data File : BG064721.D
Acq On : 7 Nov 2025 18:15
Operator : RC/JU
Sample : Q3551-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MANHOLE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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_G\Data\BG110725\
Data File : BG064721.D
Acq On : 7 Nov 2025 18:15
Operator : RC/JU
Sample : Q3551-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
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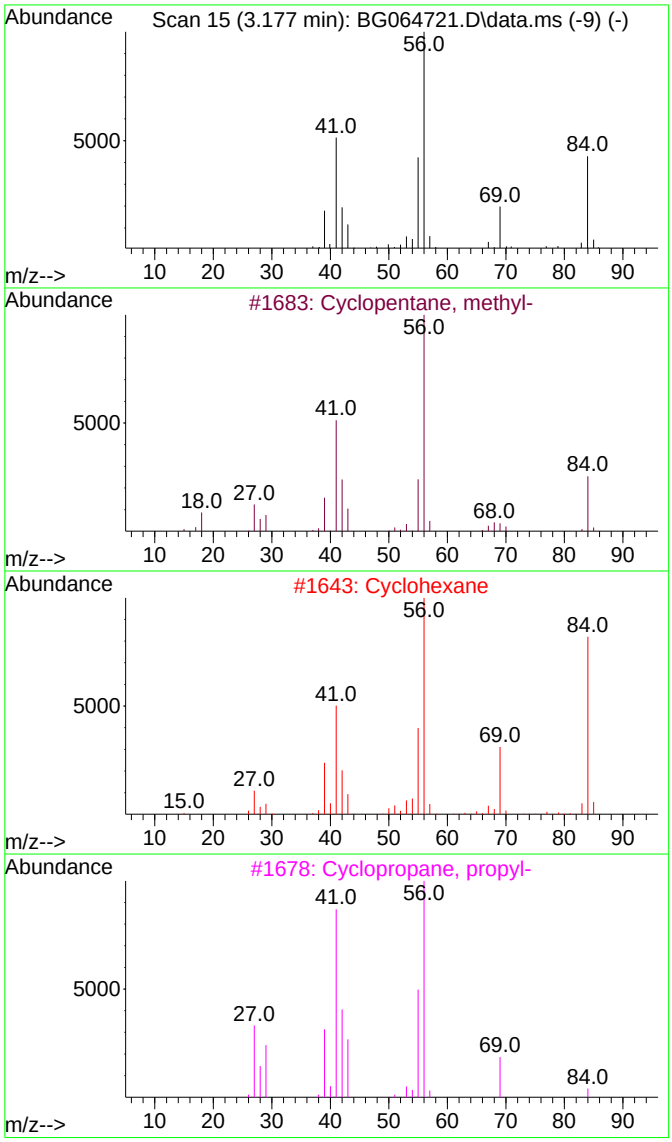
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

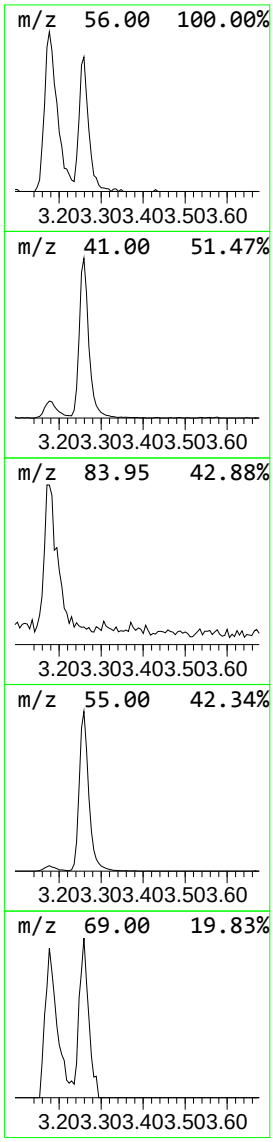
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclopentane, methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.177	10.98 ng	106287	1,4-Dichlorobenzene-d4	8.200

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
2	Cyclohexane	84	C6H12	000110-82-7	86
3	Cyclopropane, propyl-	84	C6H12	002415-72-7	50
4	Cyclobutanone, 2-methyl-	84	C5H8O	001517-15-3	45
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
Data File : BG064721.D
Acq On : 7 Nov 2025 18:15
Operator : RC/JU
Sample : Q3551-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MANHOLE

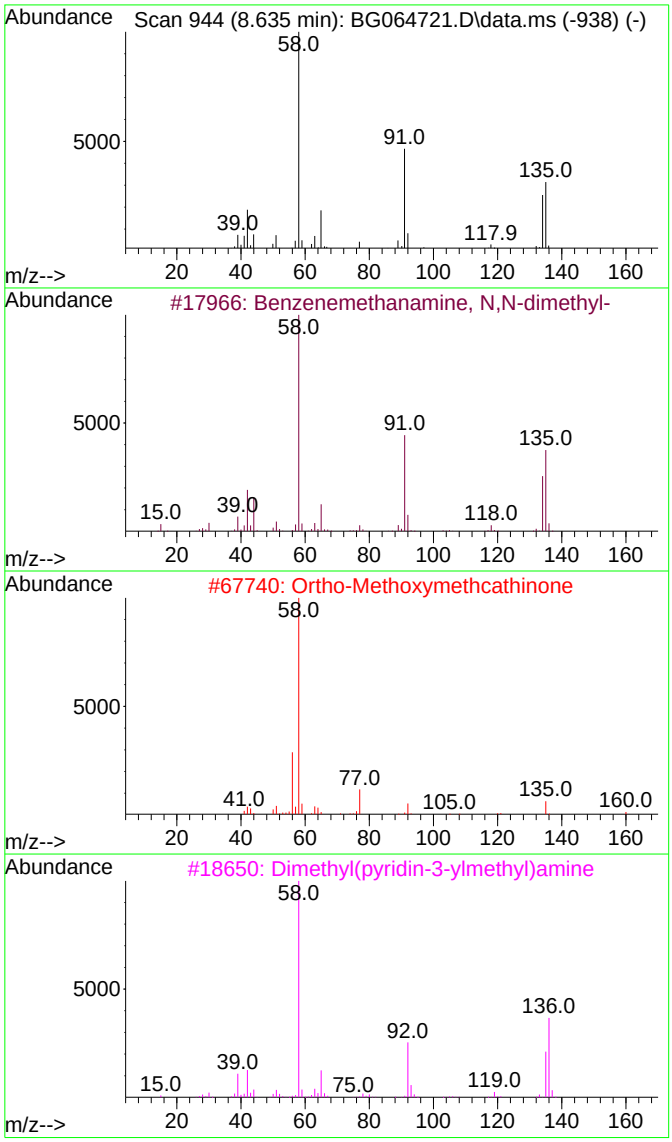
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

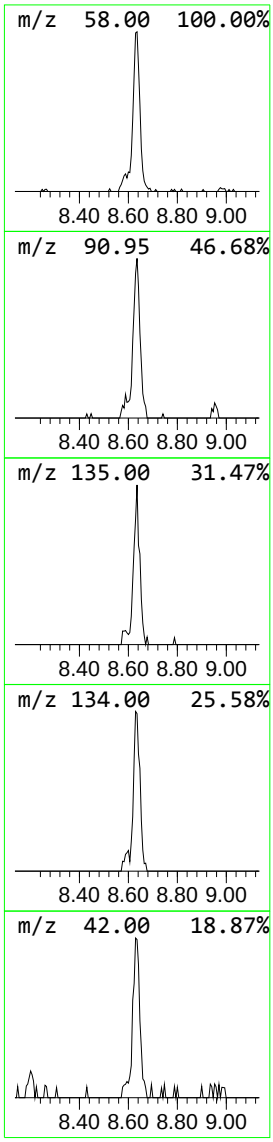
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzenemethanamine, N,N-dim... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.635	8.01 ng	77540	1,4-Dichlorobenzene-d4	8.200

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanamine, N,N-dimethyl-	135	C9H13N	000103-83-3	91
2	Ortho-Methoxymethcathinone	193	C11H15NO2	1000386-32-6	53
3	Dimethyl(pyridin-3-ylmethyl)amine	136	C8H12N2	002055-21-2	45
4	Ethanol, 2-(ethylamino)-	89	C4H11NO	000110-73-6	43
5	2-[2-(Dimethylamino)ethoxy]ethanol	133	C6H15NO2	001704-62-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
Data File : BG064721.D
Acq On : 7 Nov 2025 18:15
Operator : RC/JU
Sample : Q3551-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MANHOLE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

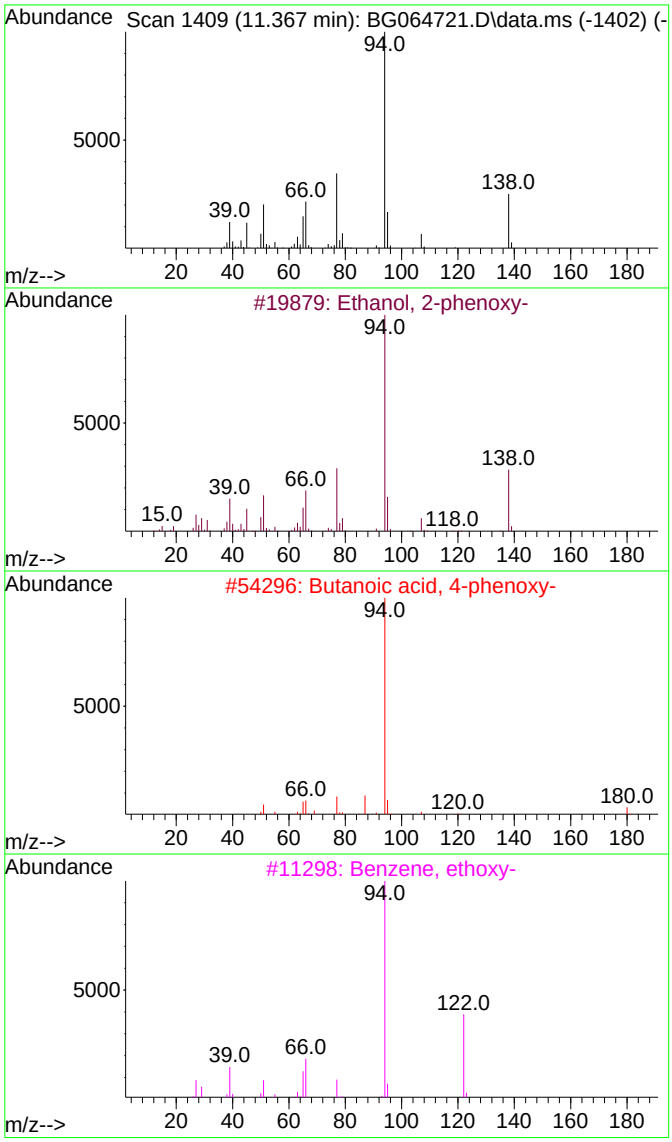
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

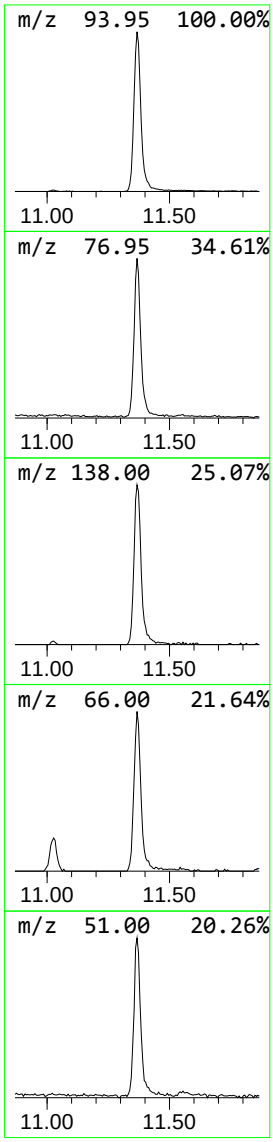
****

Peak Number 6 Ethanol, 2-phenoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.367	47.61 ng	681760	Naphthalene-d8	11.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	97
2	Butanoic acid, 4-phenoxy-	180	C10H12O3	006303-58-8	64
3	Benzene, ethoxy-	122	C8H10O	000103-73-1	53
4	Acetic acid, phenyl ester	136	C8H8O2	000122-79-2	53
5	Phenol	94	C6H6O	000108-95-2	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
Data File : BG064721.D
Acq On : 7 Nov 2025 18:15
Operator : RC/JU
Sample : Q3551-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MANHOLE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

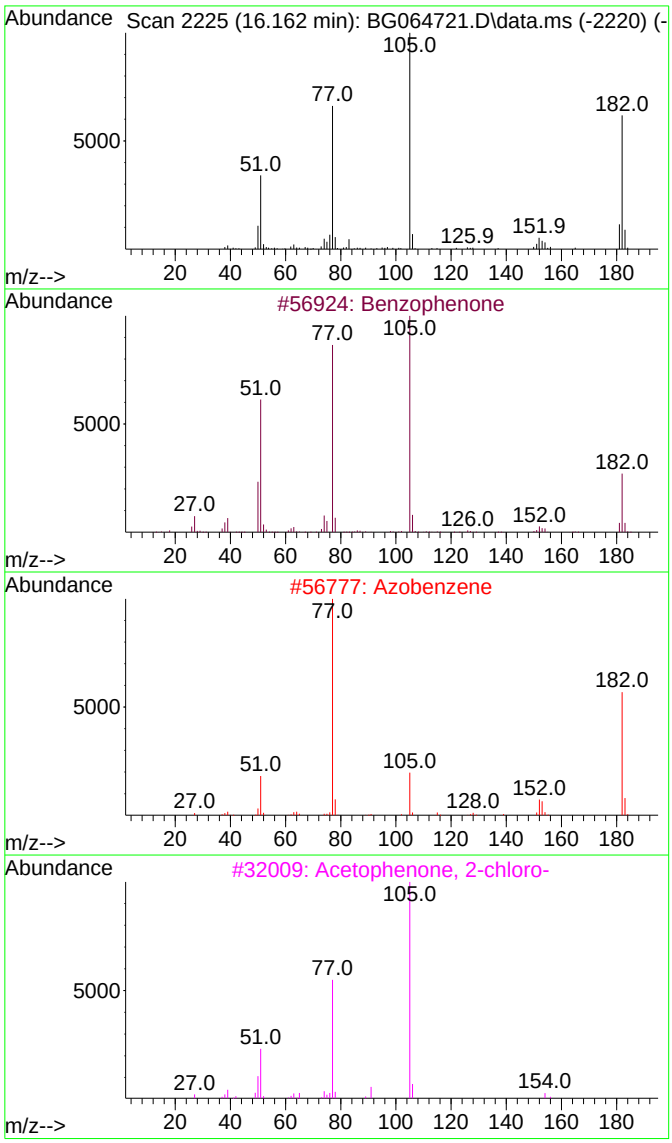
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

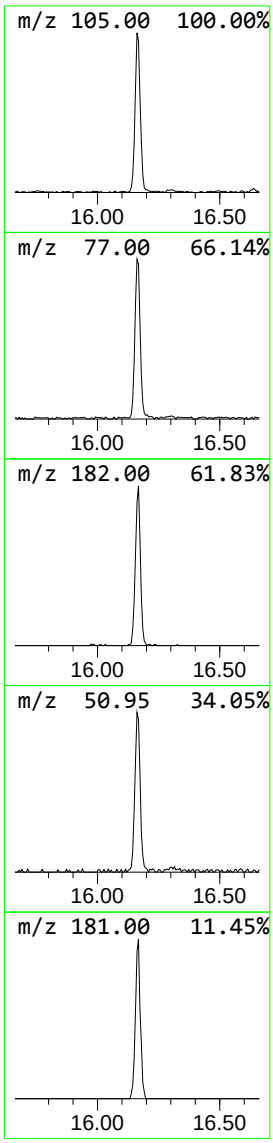
****

Peak Number 11 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.162	9.15 ng	250465	Acenaphthene-d10	14.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Azobenzene	182	C12H10N2	000103-33-3	58
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	46
4	2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	43
5	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	43





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Data File : BG064721.D
Acq On : 7 Nov 2025 18:15
Operator : RC/JU
Sample : Q3551-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MANHOLE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

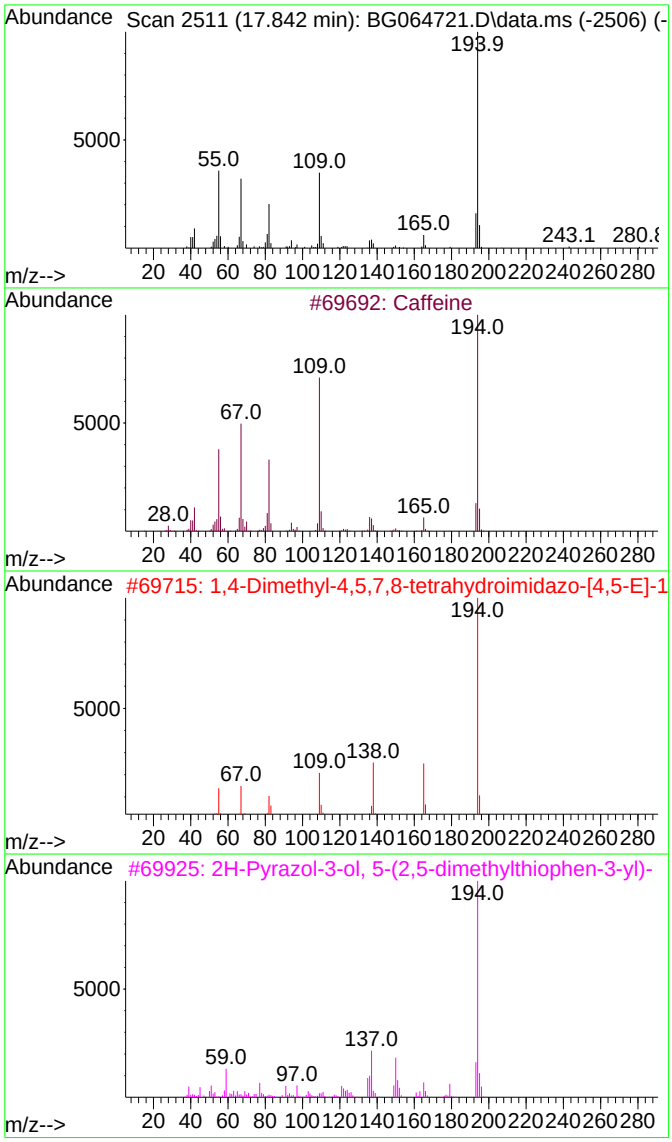
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

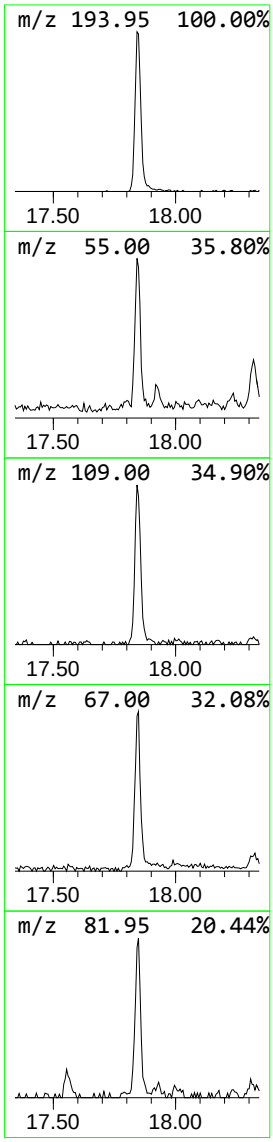
****

Peak Number 12 Caffeine Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.842	6.46 ng	208346	Phenanthrene-d10	17.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caffeine	194	C8H10N4O2	000058-08-2	97
2	1,4-Dimethyl-4,5,7,8-tetrahydroi...	194	C8H10N4O2	130063-15-9	64
3	2H-Pyrazol-3-ol, 5-(2,5-dimethyl...	194	C9H10N2OS	1000304-22-5	47
4	2H-Cyclopenta[d]pyridazine, 2-ph...	194	C13H10N2	022291-84-5	37
5	Hydrazine, N1-cyclohexylmethyl-N...	277	C14H19N3O3	1000259-89-5	37





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Sample : Q3551-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MANHOLE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

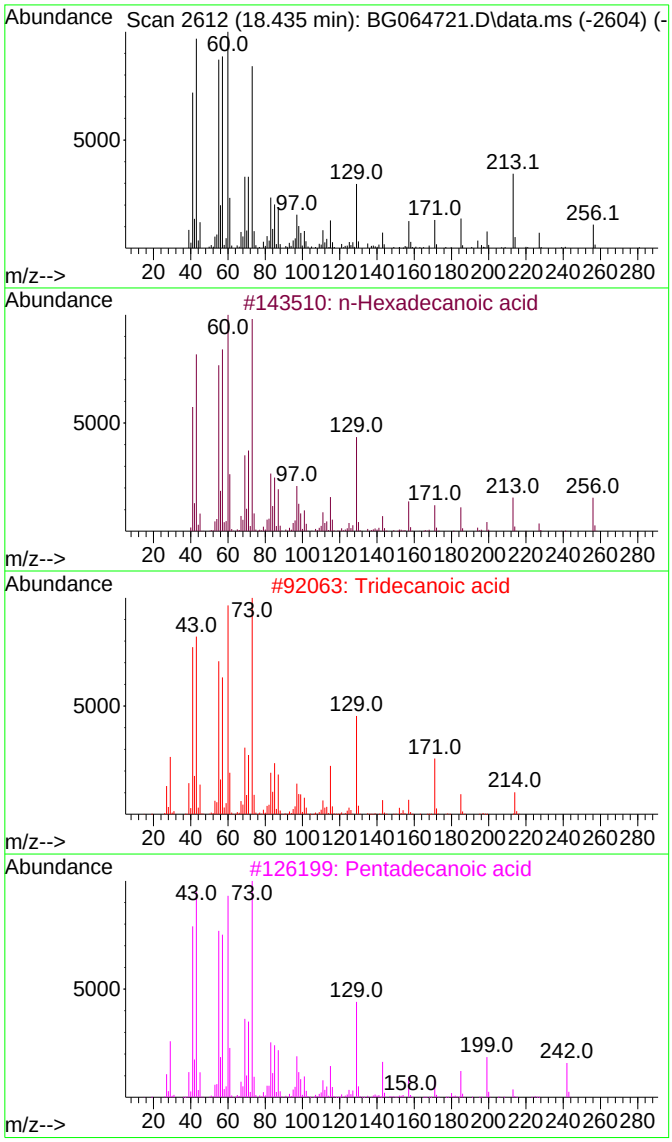
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

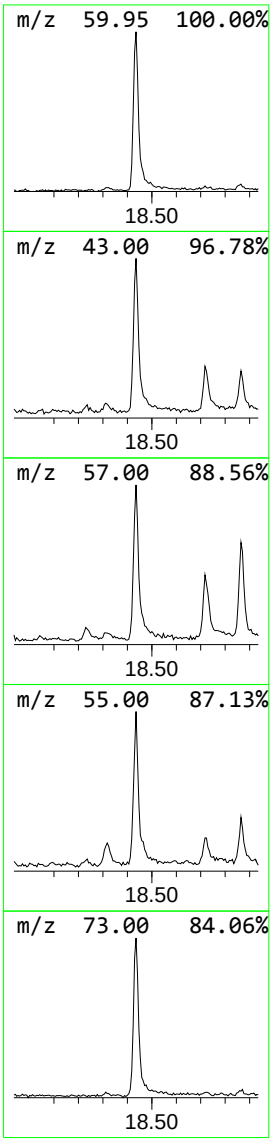
****

Peak Number 13 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.436	16.84 ng	543502	Phenanthrene-d10	17.560

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	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Octanoic acid	144	C8H16O2	000124-07-2	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
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Sample : Q3551-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MANHOLE

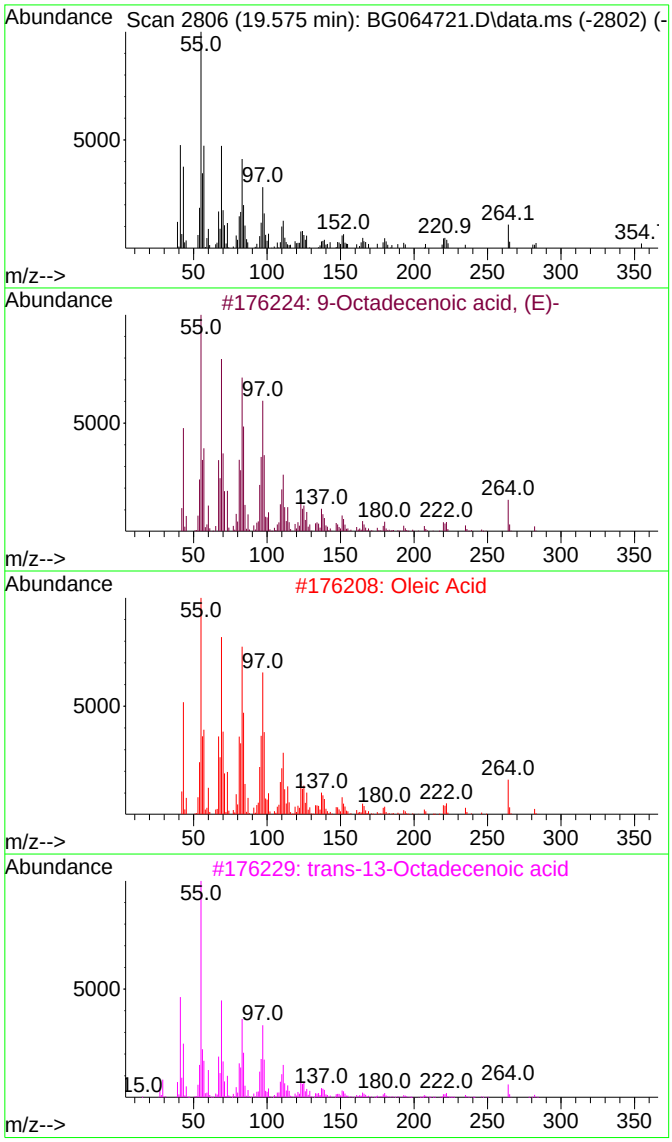
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

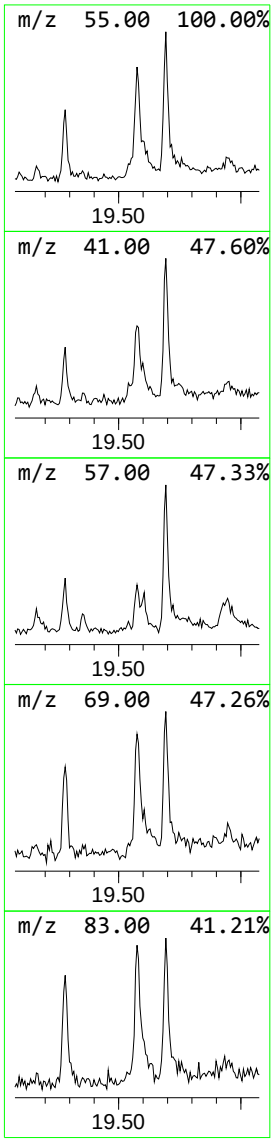
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 9-Octadecenoic acid, (E)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.575	6.81 ng	219691	Phenanthrene-d10	17.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	93
2	Oleic Acid	282	C18H34O2	000112-80-1	93
3	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	91
4	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	89
5	cis-Vaccenic acid	282	C18H34O2	000506-17-2	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
Data File : BG064721.D
Acq On : 7 Nov 2025 18:15
Operator : RC/JU
Sample : Q3551-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MANHOLE

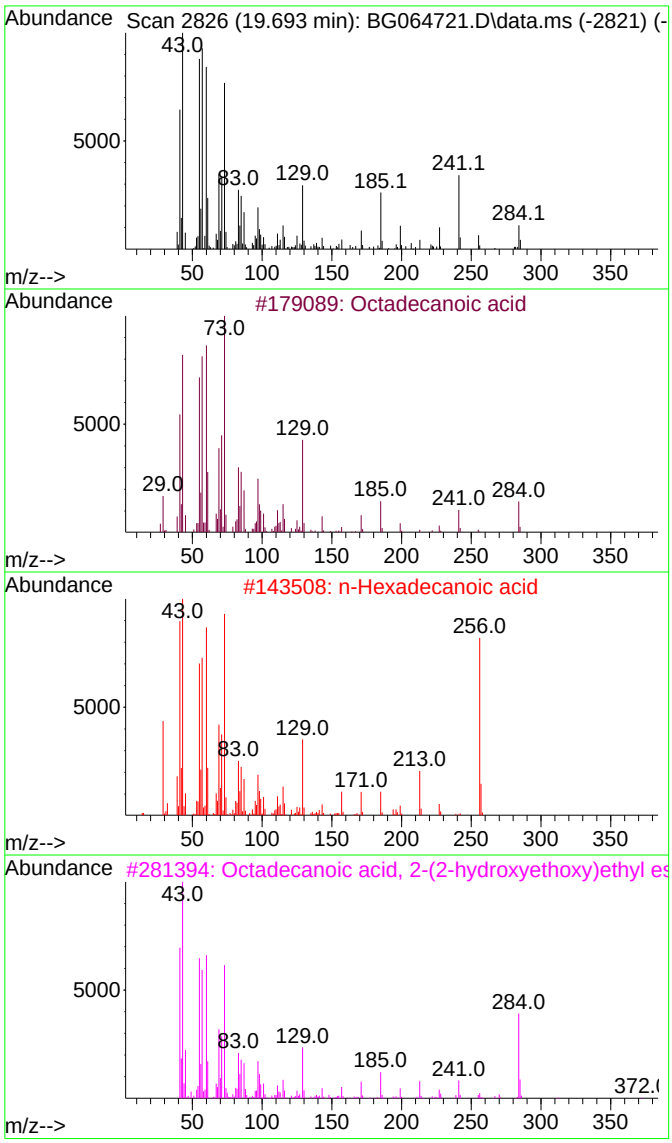
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

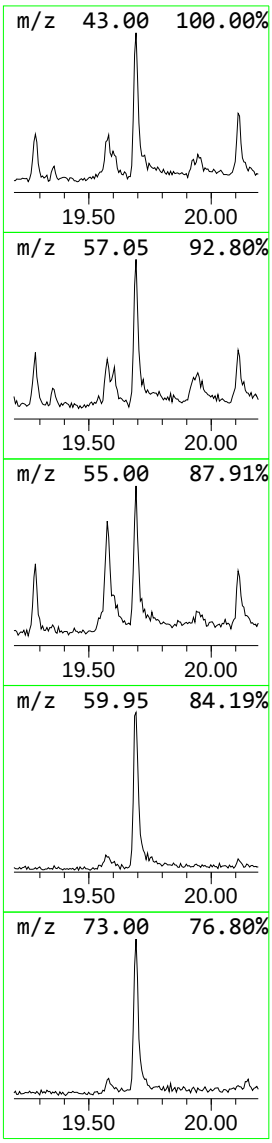
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.693	6.31 ng	276646	Chrysene-d12	21.826

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
Data File : BG064721.D
Acq On : 7 Nov 2025 18:15
Operator : RC/JU
Sample : Q3551-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MANHOLE

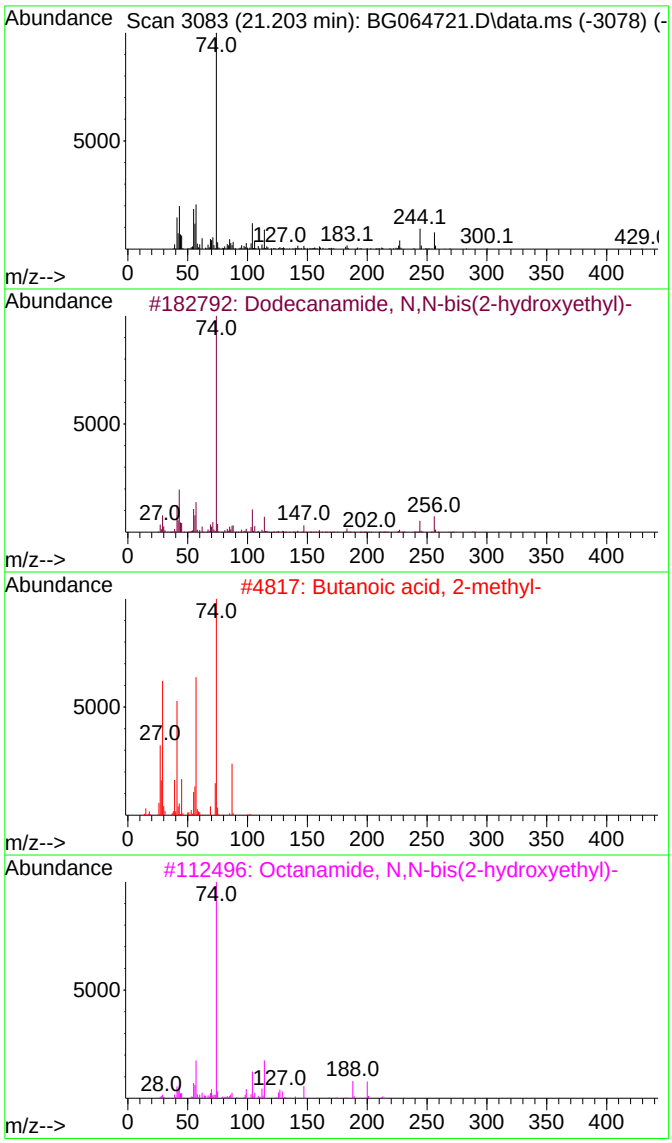
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

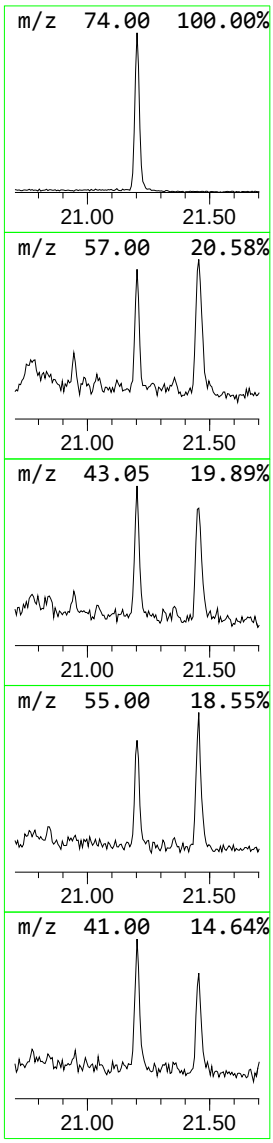
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Dodecanamide, N,N-bis(2-hyd... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.203	6.30 ng	275935	Chrysene-d12	21.826

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanamide, N,N-bis(2-hydroxye...	287	C16H33NO3	000120-40-1	86
2	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	43
3	Octanamide, N,N-bis(2-hydroxyeth...	231	C12H25NO3	003077-30-3	38
4	Methyl isovalerate	116	C6H12O2	000556-24-1	37
5	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
Data File : BG064721.D
Acq On : 7 Nov 2025 18:15
Operator : RC/JU
Sample : Q3551-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MANHOLE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

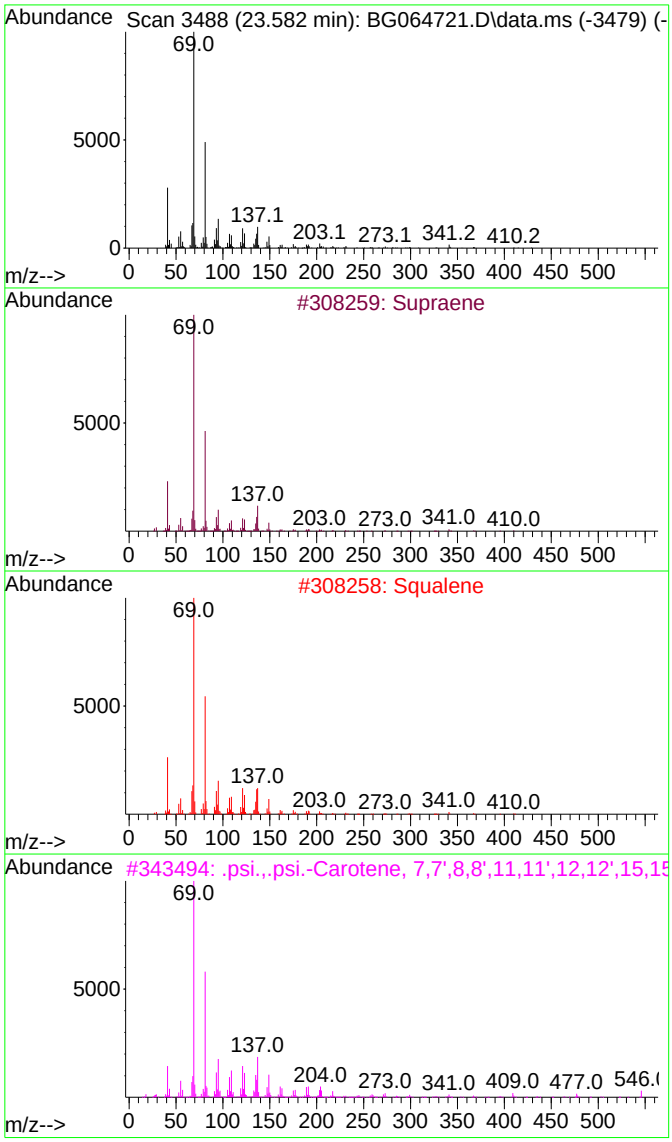
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

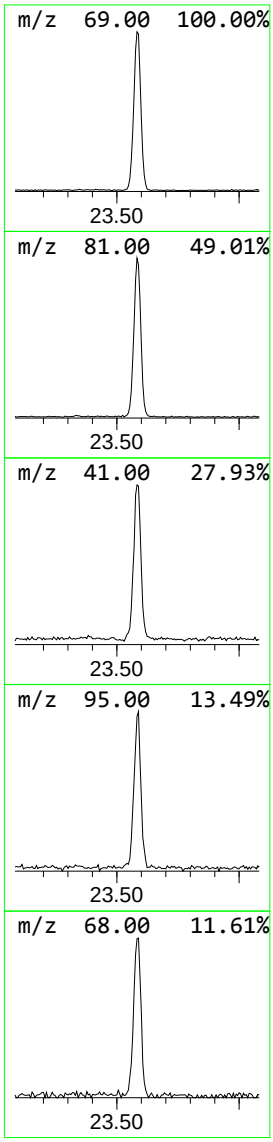
****

Peak Number 19 Supraene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.582	18.22 ng	826354	Perylene-d12	25.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	96
2	Squalene	410	C30H50	000111-02-4	95
3	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	83
4	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72
5	(3E,7E)-4,8,12-Trimethyltrideca-...	218	C16H26	062235-06-7	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
Data File : BG064721.D
Acq On : 7 Nov 2025 18:15
Operator : RC/JU
Sample : Q3551-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MANHOLE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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
Cyclopentane, m...	3.177	11.0	ng	106287	1	8.200	193604	20.0
Benzenemethanam...	8.635	8.0	ng	77540	1	8.200	193604	20.0
Ethanol, 2-phen...	11.367	47.6	ng	681760	2	11.027	286379	20.0
Benzophenone	16.162	9.2	ng	250465	3	14.822	547363	20.0
Caffeine	17.842	6.5	ng	208346	4	17.560	645523	20.0
n-Hexadecanoic ...	18.436	16.8	ng	543502	4	17.560	645523	20.0
9-Octadecenoic ...	19.575	6.8	ng	219691	4	17.560	645523	20.0
Octadecanoic acid	19.693	6.3	ng	276646	5	21.826	876387	20.0
Dodecanamide, N...	21.203	6.3	ng	275935	5	21.826	876387	20.0
Supraene	23.582	18.2	ng	826354	6	25.151	907323	20.0