LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025011.D
Acq On : 19 Jun 2025 21:53
Operator : RC/JU
Sample : Q2354-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
3321

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-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025011.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.043	14	18	36	rVB	2752312	5270820	3.91%	0.480%
2	3.378	63	75	86	rBV	3942172	9382894	6.97%	0.854%
3	3.755	134	139	149	rVB3	3547420	8101325	6.02%	0.737%
4	3.849	149	155	169	rVB	11384383	23643048	17.56%	2.152%
5	4.025	179	185	189	rBV2	3692455	7546505	5.60%	0.687%
6	4.213	209	217	228	rVB2	13515771	35838925	26.62%	3.262%
7	4.308	228	233	241	rVB	2138023	4330690	3.22%	0.394%
8	4.384	241	246	257	rBV	2881706	6801925	5.05%	0.619%
9	4.478	257	262	273	rVB3	1232210	3154369	2.34%	0.287%
10	4.590	273	281	291	rBV4	3219157	8579311	6.37%	0.781%
11	4.684	291	297	300	rBV	2559614	5144992	3.82%	0.468%
12	4.743	304	307	310	rVV4	1292256	2168432	1.61%	0.197%
13	4.790	310	315	320	rVV	4224748	7245490	5.38%	0.659%
14	4.843	320	324	331	rVV3	3529810	6301782	4.68%	0.574%
15	4.996	346	350	354	rBV	1848032	3210092	2.38%	0.292%
16	5.090	359	366	367	rBV3	7764748	13747753	10.21%	1.251%
17	5.149	373	376	383	rVB	8332045	14525912	10.79%	1.322%
18	5.219	383	388	394	rBV2	7205353	17848059	13.25%	1.625%
19	5.290	394	400	417	rVB	20087530	69509568	51.62%	6.327%
20	5.437	417	425	431	rBV2	3703610	8717443	6.47%	0.793%
21	5.508	431	437	440	rBV3	5021952	10699540	7.95%	0.974%
22	5.590	446	451	456	rBV	4333488	8676424	6.44%	0.790%
23	5.655	456	462	484	rVB4	27073595	97682069	72.54%	8.891%
24	5.813	484	489	496	rVB2	1480333	3454203	2.57%	0.314%
25	5.902	496	504	512	rBV2	11854016	36119084	26.82%	3.288%
26	6.013	517	523	534	rVB3	5815992	16328664	12.13%	1.486%
27	6.119	534	541	547	rBV4	9814995	26379545	19.59%	2.401%
28	6.190	547	553	558	rBV	9011676	21450013	15.93%	1.952%
29	6.266	561	566	581	rVB3	12118192	39947390	29.67%	3.636%
30	6.443	591	596	601	rVB4	2245556	4495401	3.34%	0.409%
31	6.519	601	609	615	rBV2	4778231	15208804	11.29%	1.384%
32	6.613	615	625	632	rBV3	15175769	56693664	42.10%	5.160%
33	6.719	639	643	649	rBV	7900146	17478847	12.98%	1.591%
34	7.013	687	693	700	rBV	12783161	33769420	25.08%	3.074%
35	7.290	728	740	764	rBV3	21371210	134656580	100.00%	12.256%
36	7.525	775	780	787	rBV2	7316208	20372847	15.13%	1.854%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025011.D
Acq On : 19 Jun 2025 21:53
Operator : RC/JU
Sample : Q2354-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
3321

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-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.602	788	793	800	rVV	8722552	21513223	15.98%	1.958%
38	7.743	812	817	824	rBV3	9436906	23329116	17.32%	2.123%
39	8.731	979	985	993	rBV3	11868276	39534157	29.36%	3.598%
40	20.160	2924	2928	2932	rBV2	8809092	17894067	13.29%	1.629%
41	20.307	2949	2953	2957	rBV2	12000026	19545696	14.52%	1.779%
42	20.677	3011	3016	3019	rBV	13397716	19873795	14.76%	1.809%
43	21.177	3097	3101	3105	rVB	13237719	19890716	14.77%	1.810%
44	21.342	3124	3129	3138	rVV	21660207	35206643	26.15%	3.204%
45	21.418	3139	3142	3151	rVB	5225128	8309135	6.17%	0.756%
46	21.730	3190	3195	3204	rVB	10046296	16987213	12.62%	1.546%
47	21.913	3222	3226	3238	rVB2	4092603	8547512	6.35%	0.778%
48	22.354	3296	3301	3308	rVB	4607488	7749079	5.75%	0.705%
49	22.565	3331	3337	3347	rVB2	9451568	17735117	13.17%	1.614%
50	23.060	3418	3421	3427	rVB	1858045	2674992	1.99%	0.243%
51	23.336	3460	3468	3469	rBV2	6337166	13404887	9.95%	1.220%
52	23.377	3471	3475	3478	rVV2	4099619	8798353	6.53%	0.801%
53	24.789	3708	3715	3722	rVB	1736755	4259638	3.16%	0.388%
54	30.159	4619	4628	4649	rVB3	2320603	8933978	6.63%	0.813%

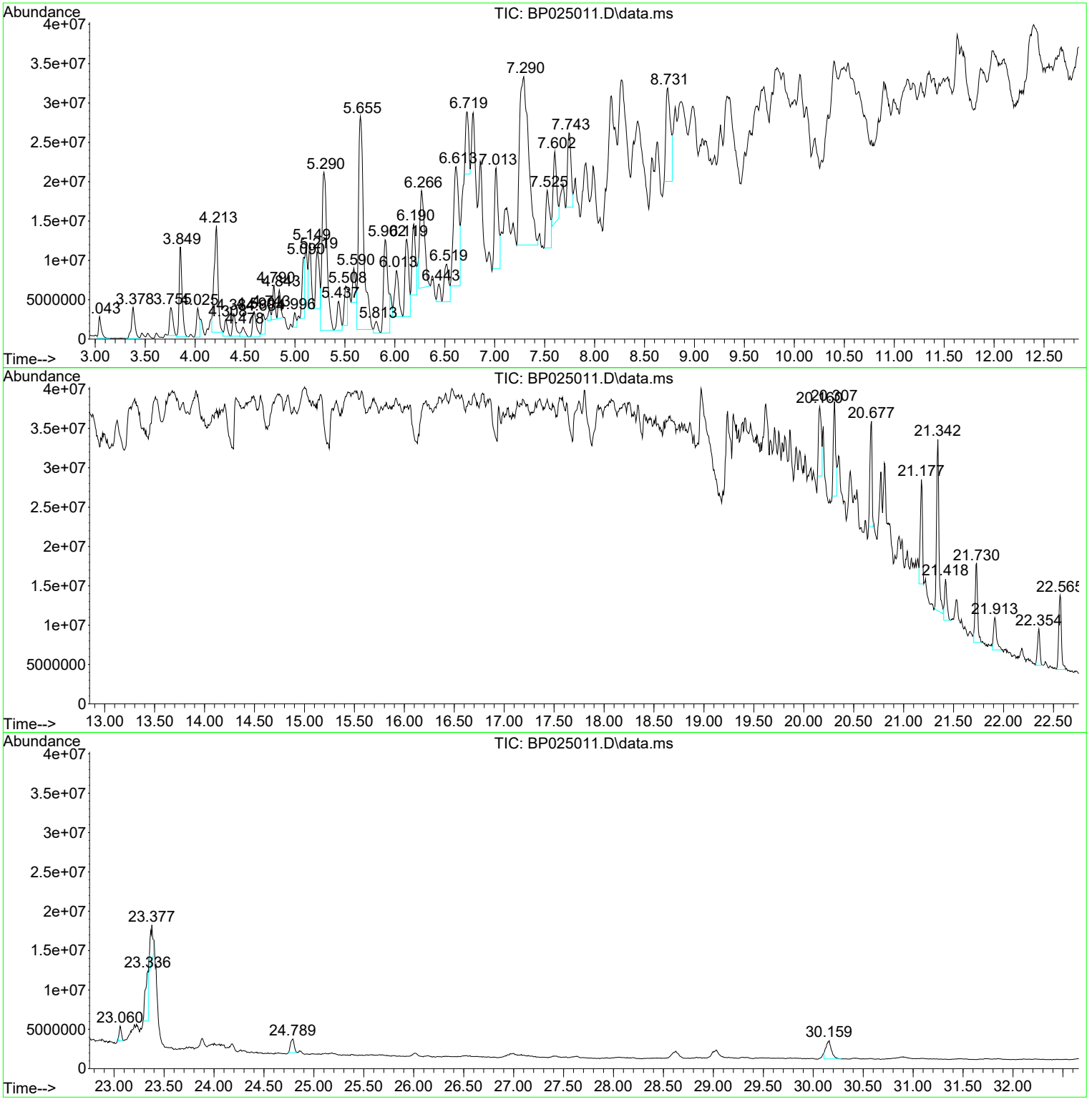
Sum of corrected areas: 1098669147

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025011.D
Acq On : 19 Jun 2025 21:53
Operator : RC/JU
Sample : Q2354-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
3321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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\BP061925\
Data File : BP025011.D
Acq On : 19 Jun 2025 21:53
Operator : RC/JU
Sample : Q2354-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
3321

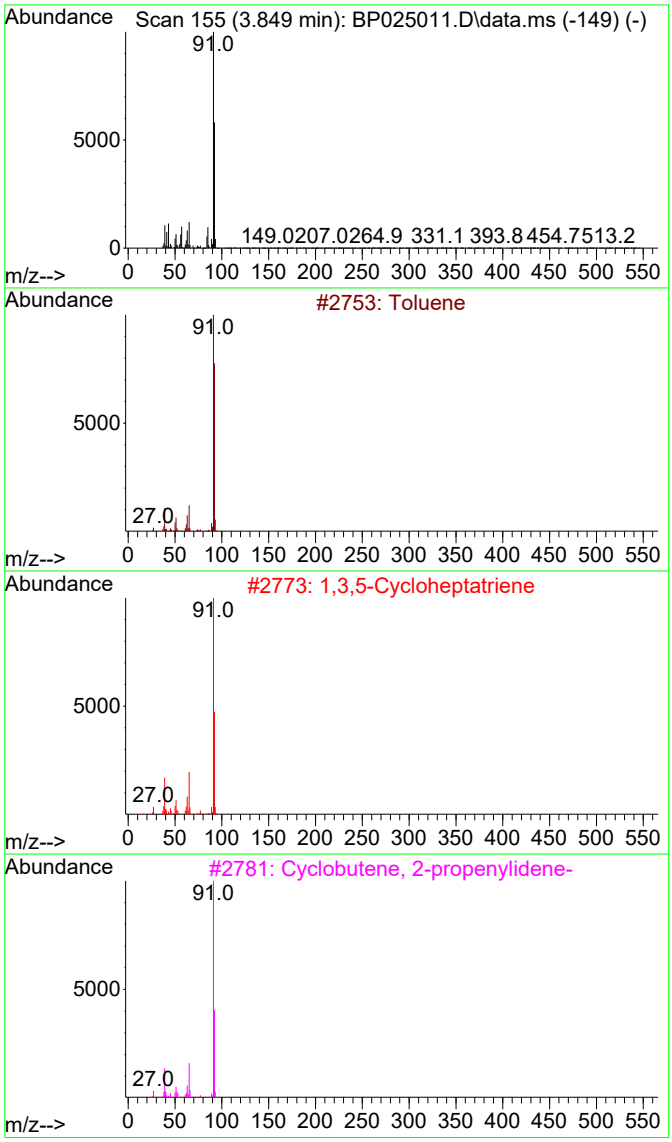
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

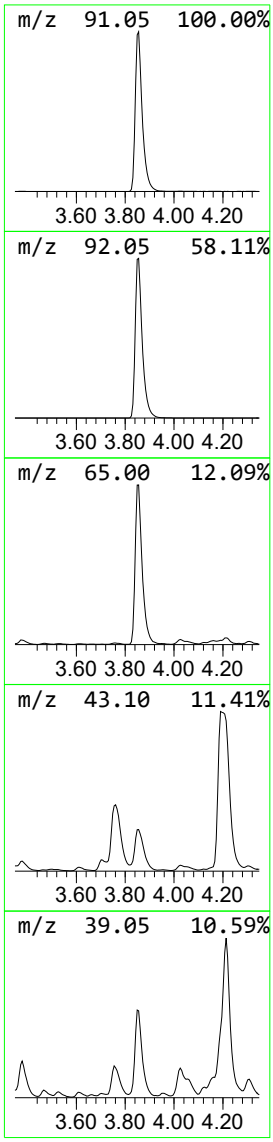
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1,3,5-Cycloheptatriene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.849	21.98 ng	23643000	1,4-Dichlorobenzene-d4	7.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	94
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	68
3	Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	53
4	Benzene, (butoxymethyl)-	164	C11H16O	000588-67-0	50
5	2,5-Norbornadiene	92	C7H8	000121-46-0	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025011.D
Acq On : 19 Jun 2025 21:53
Operator : RC/JU
Sample : Q2354-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
3321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

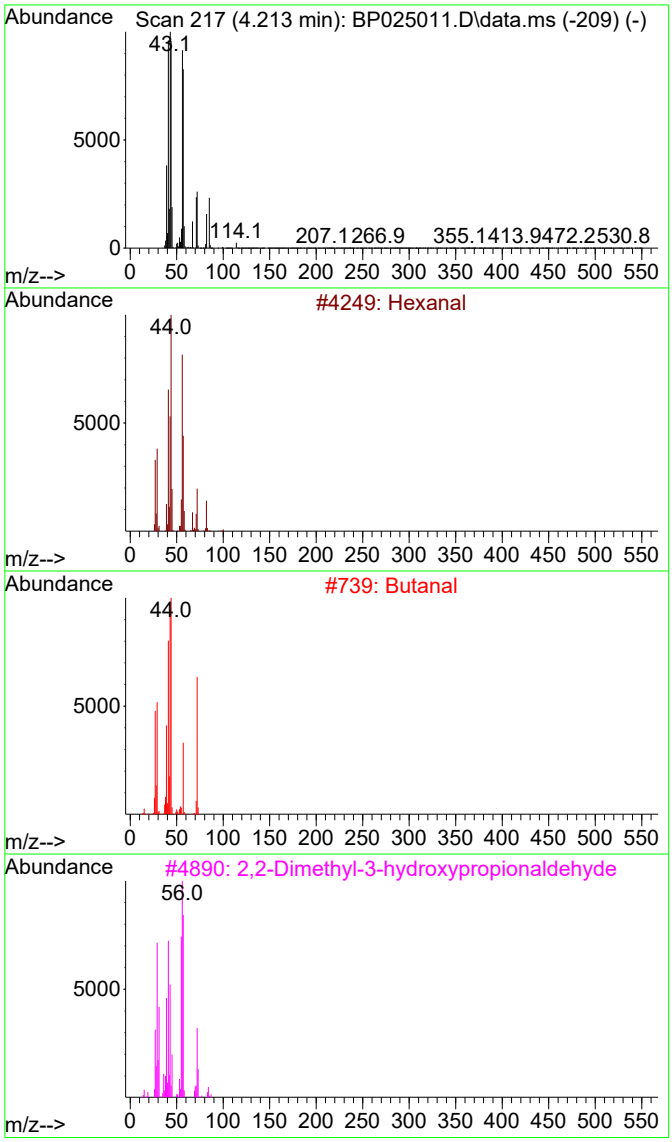
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

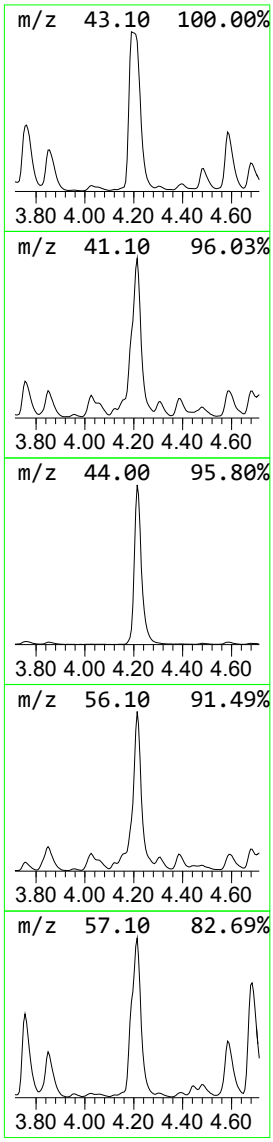
****

Peak Number 2 Hexanal Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.213	33.32 ng	35838900	1,4-Dichlorobenzene-d4	7.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	53
2	Butanal	72	C4H8O	000123-72-8	38
3	2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	32
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	27
5	Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025011.D
Acq On : 19 Jun 2025 21:53
Operator : RC/JU
Sample : Q2354-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
3321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

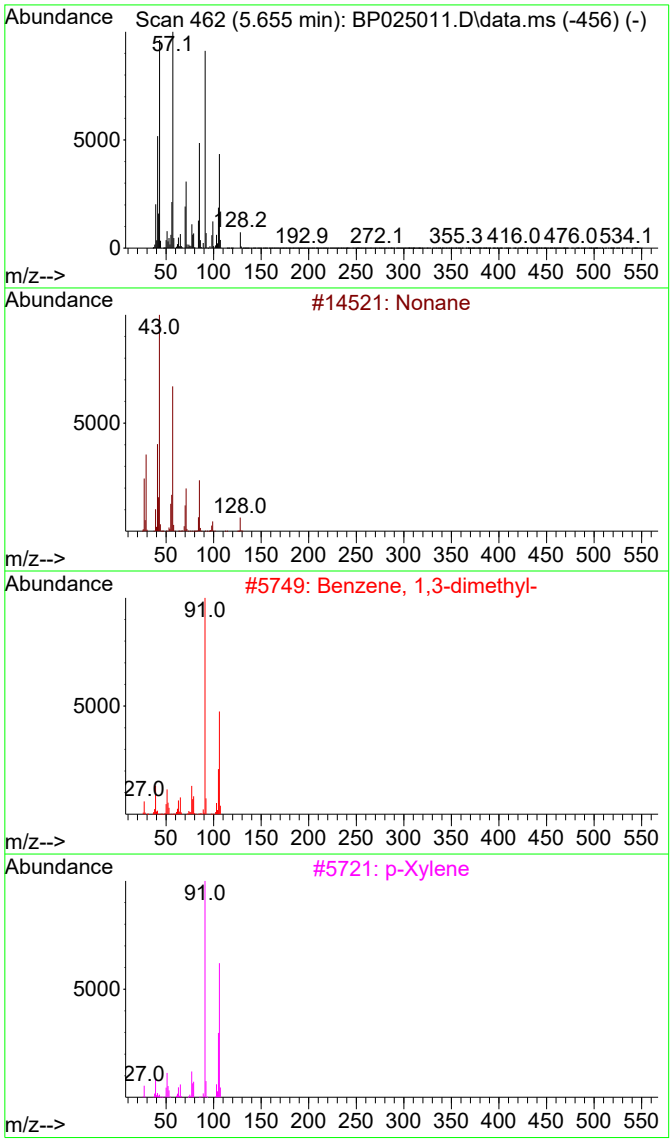
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

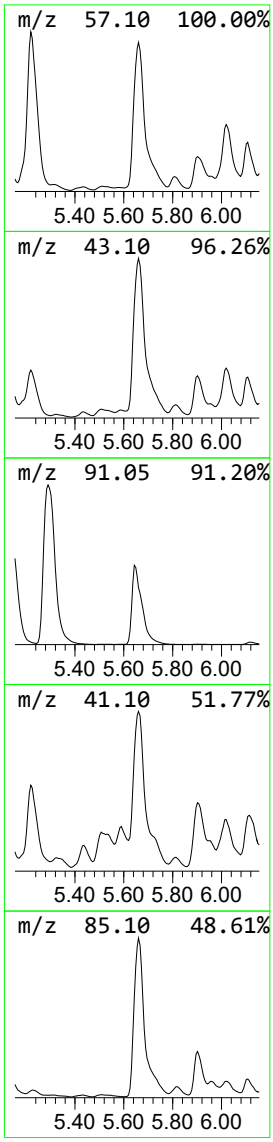
****

Peak Number 3 Nonane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.655	90.81 ng	97682100	1,4-Dichlorobenzene-d4	7.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	86
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	68
3	p-Xylene	106	C8H10	000106-42-3	68
4	o-Xylene	106	C8H10	000095-47-6	68
5	Ethylbenzene	106	C8H10	000100-41-4	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025011.D
Acq On : 19 Jun 2025 21:53
Operator : RC/JU
Sample : Q2354-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
3321

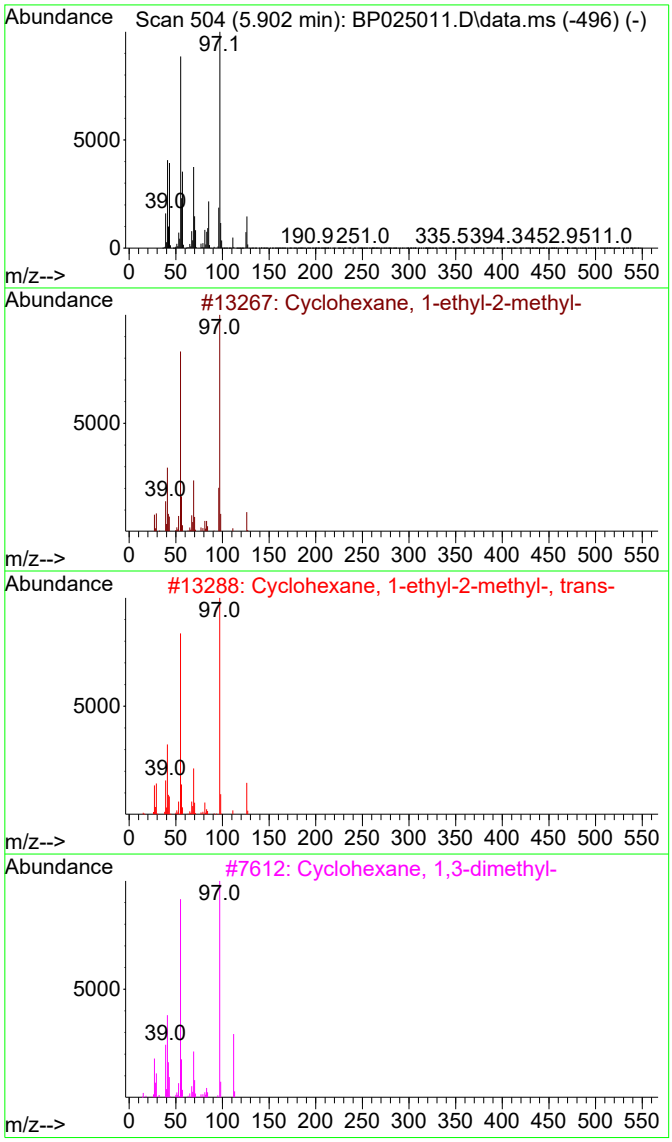
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

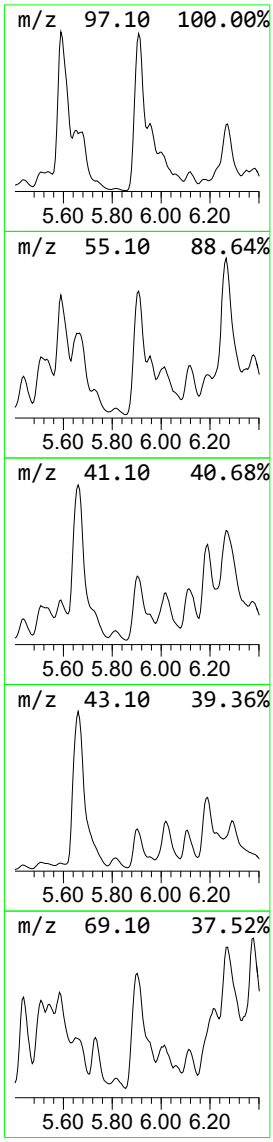
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexane, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.902	33.58 ng	36119100	1,4-Dichlorobenzene-d4	7.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	76
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	58
3	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	58
4	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	52
5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025011.D
Acq On : 19 Jun 2025 21:53
Operator : RC/JU
Sample : Q2354-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
3321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

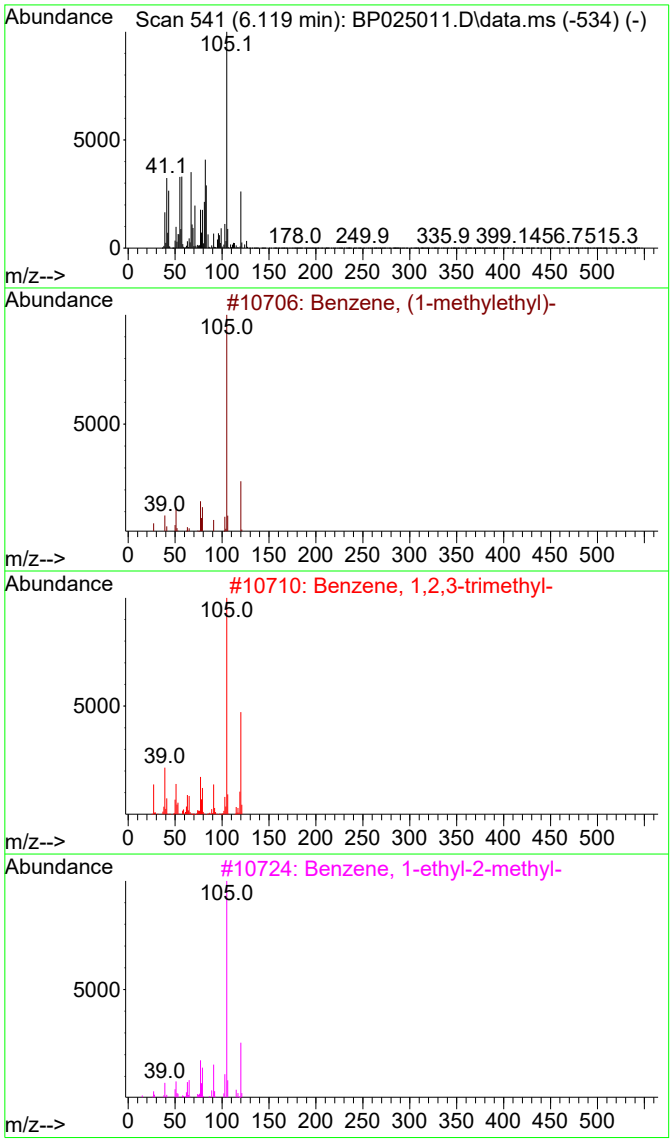
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

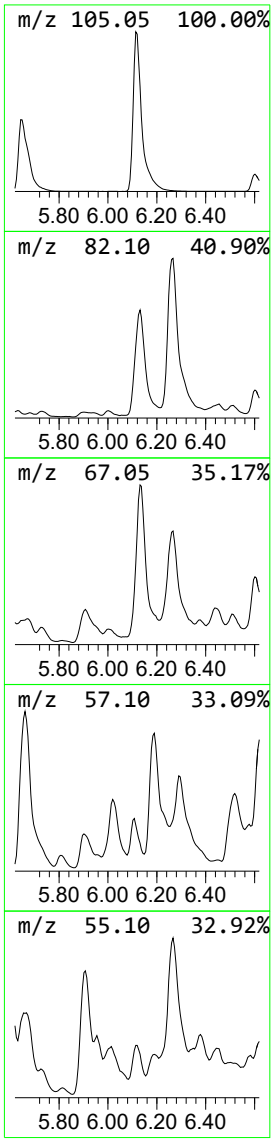
****

Peak Number 5 Benzene, (1-methylethyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.119	24.52 ng	26379500	1,4-Dichlorobenzene-d4	7.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	60
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	20
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	18
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	18
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025011.D
Acq On : 19 Jun 2025 21:53
Operator : RC/JU
Sample : Q2354-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
3321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

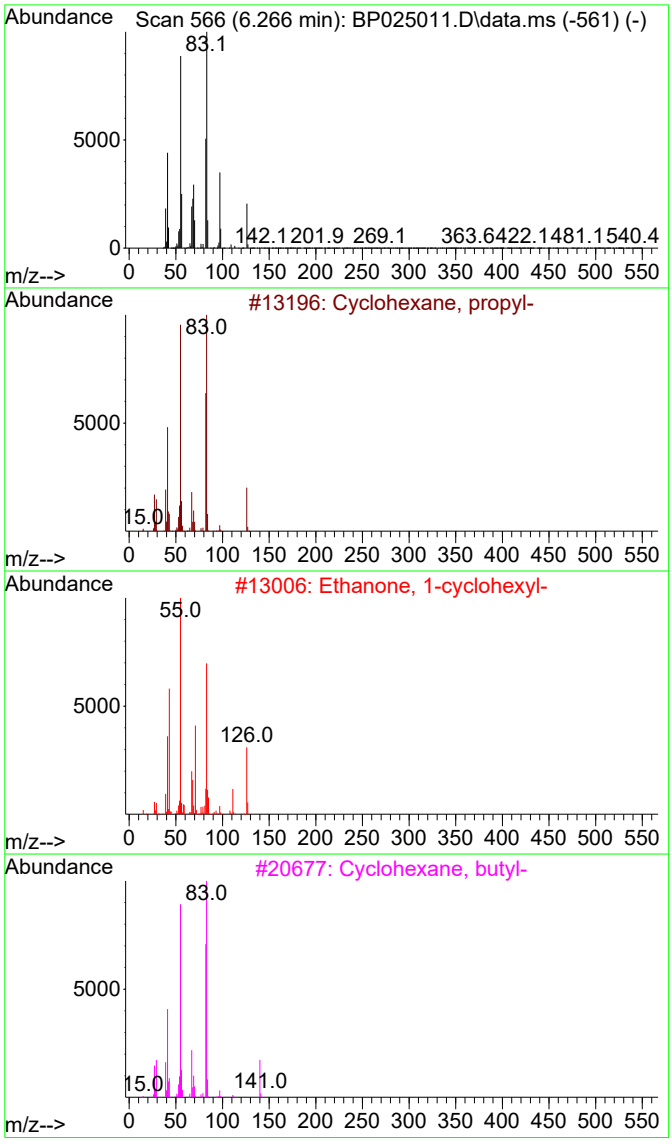
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

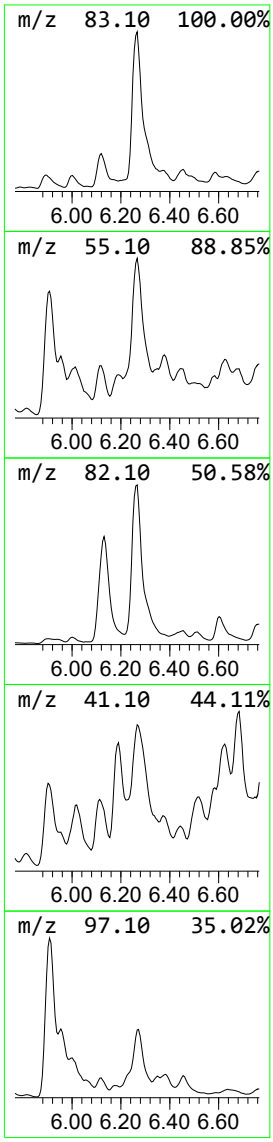
****

Peak Number 6 Cyclohexane, propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.266	37.14 ng	39947400	1,4-Dichlorobenzene-d4	7.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	81
2	Ethanone, 1-cyclohexyl-	126	C8H14O	000823-76-7	53
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	53
4	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	52
5	2,3-Dimethyl-2-heptene	126	C9H18	003074-64-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025011.D
Acq On : 19 Jun 2025 21:53
Operator : RC/JU
Sample : Q2354-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
3321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

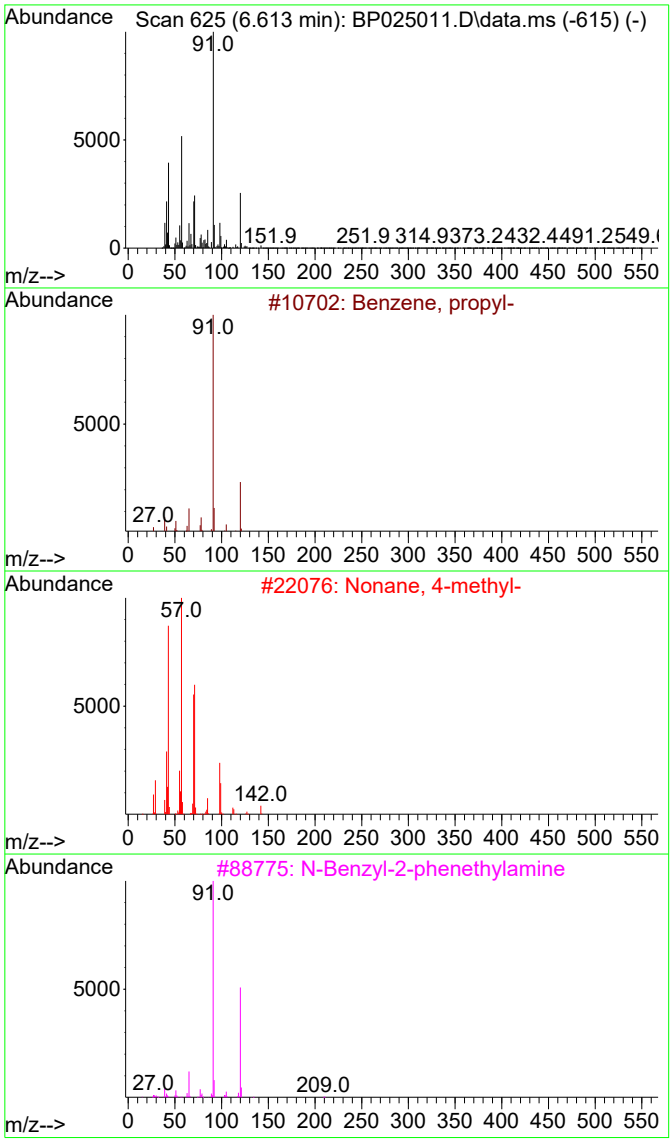
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

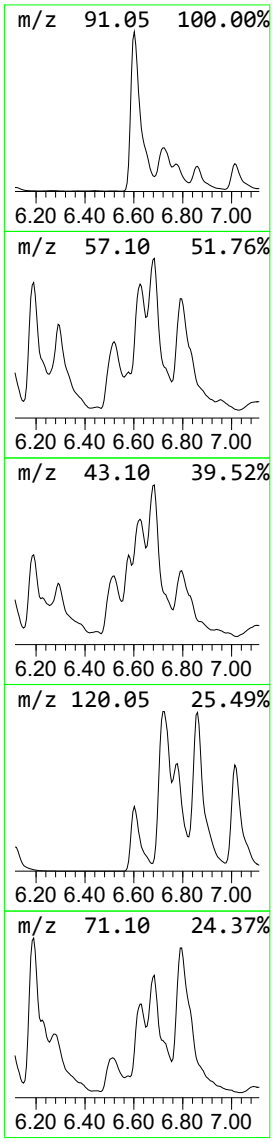
****

Peak Number 7 Nonane, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.613	52.71 ng	56693700	1,4-Dichlorobenzene-d4	7.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	83
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	38
3	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	35
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	35
5	1-Benzylamino-2-benzyloxyethane	241	C16H19NO	038336-06-0	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025011.D
Acq On : 19 Jun 2025 21:53
Operator : RC/JU
Sample : Q2354-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
3321

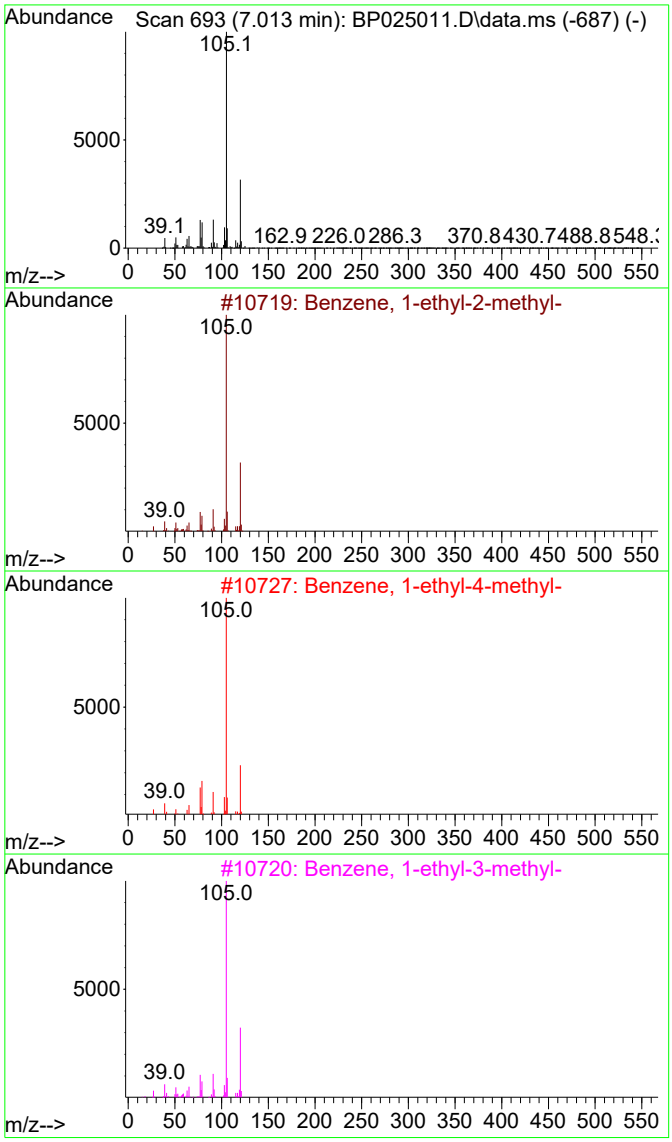
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

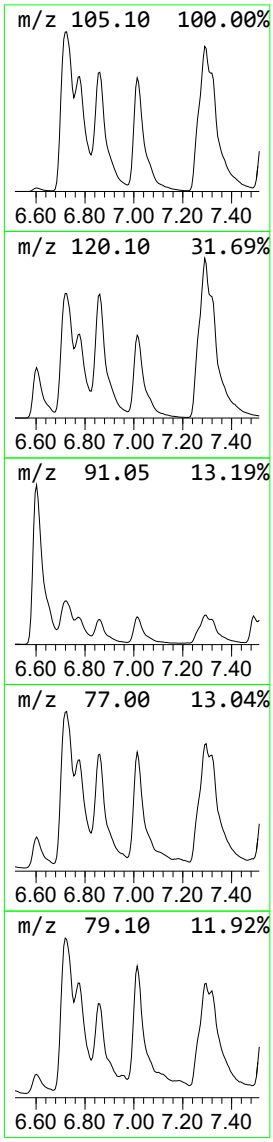
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.013	31.39 ng	33769400	1,4-Dichlorobenzene-d4	7.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025011.D
Acq On : 19 Jun 2025 21:53
Operator : RC/JU
Sample : Q2354-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
3321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

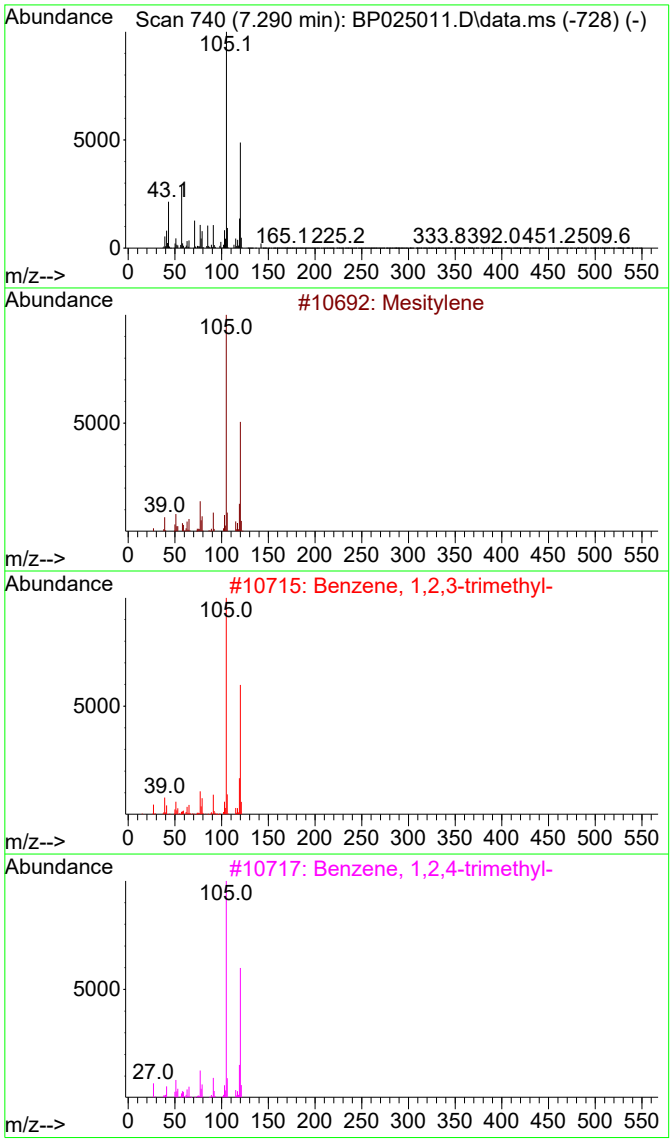
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

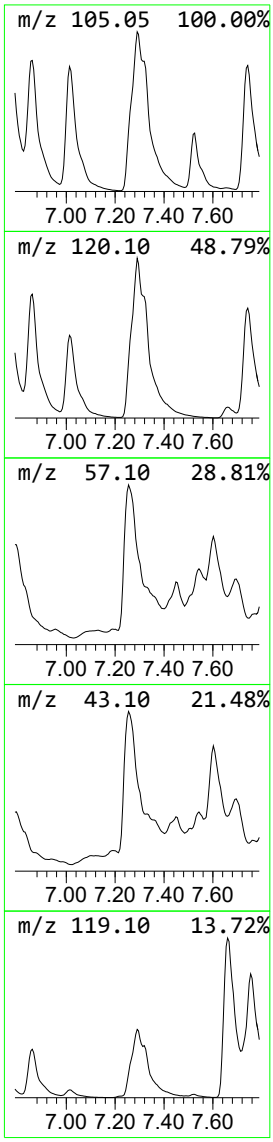
****

Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.290	125.19 ng	134657000	1,4-Dichlorobenzene-d4	7.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025011.D
Acq On : 19 Jun 2025 21:53
Operator : RC/JU
Sample : Q2354-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
3321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

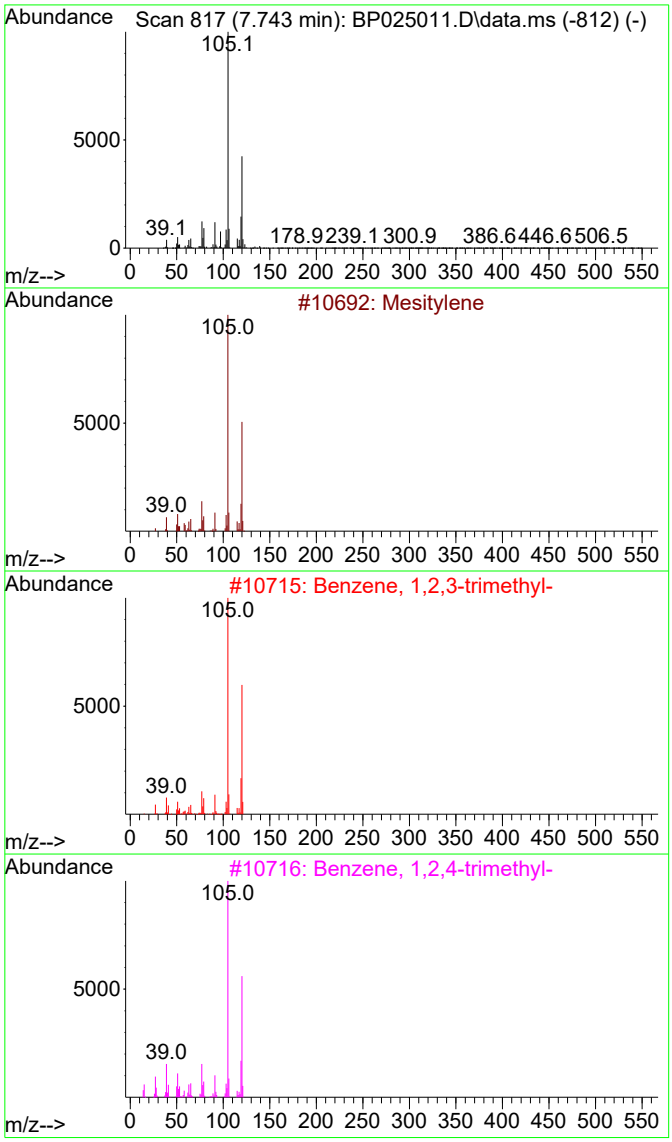
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

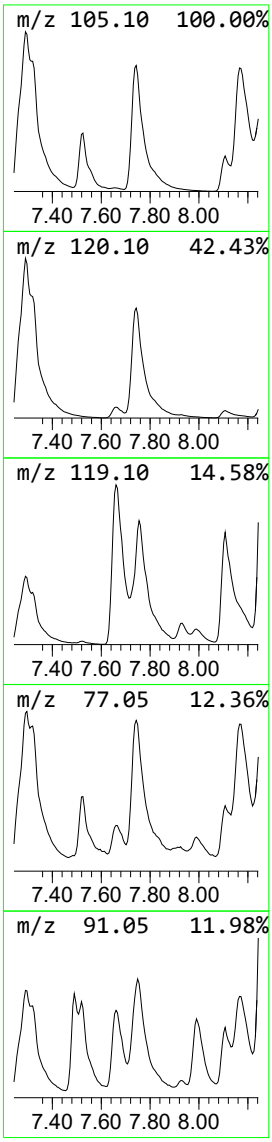
****

Peak Number 10 Benzene, 1,2,4-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.743	21.69 ng	23329100	1,4-Dichlorobenzene-d4	7.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025011.D
Acq On : 19 Jun 2025 21:53
Operator : RC/JU
Sample : Q2354-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
3321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

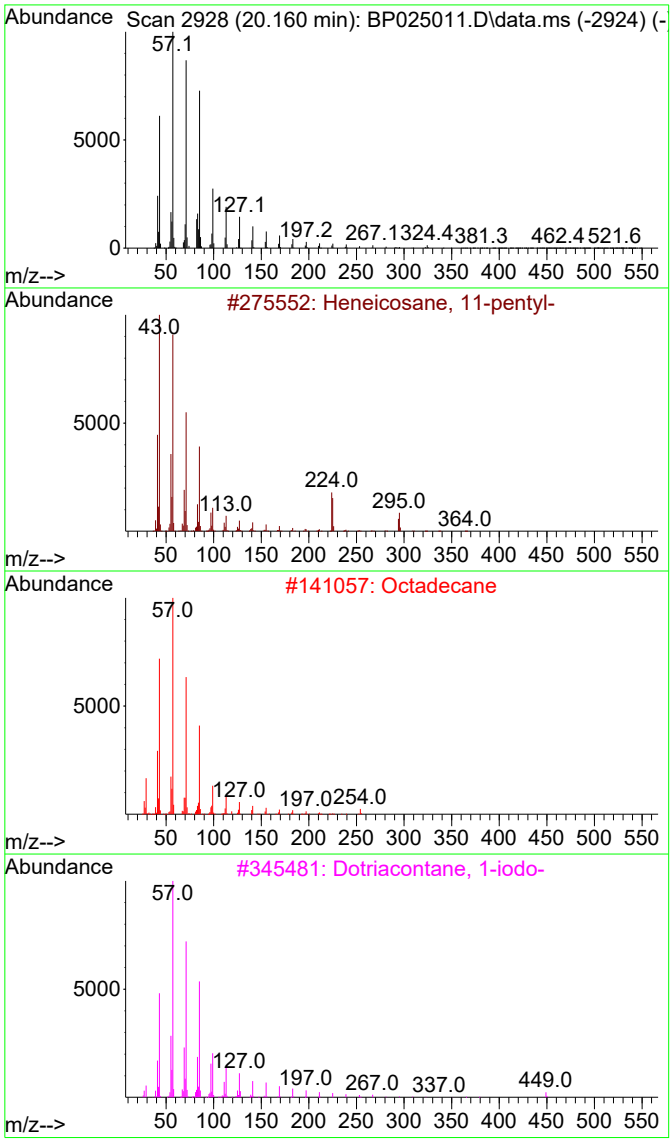
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

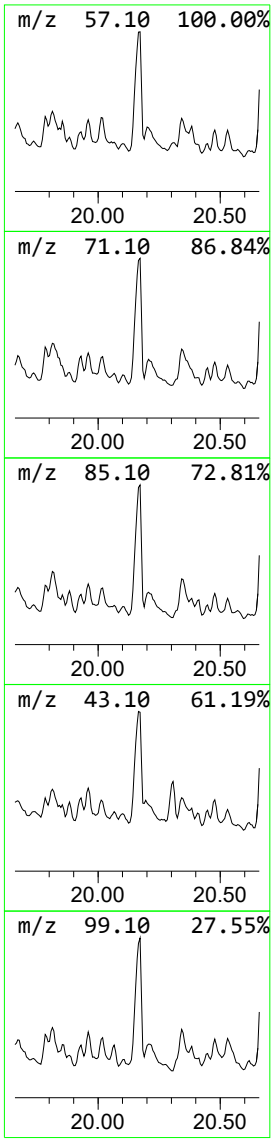
****

Peak Number 11 Heneicosane, 11-pentyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.160	43.07 ng	17894100	Chrysene-d12	21.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	90
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	90
5	Hentriacontane	437	C31H64	000630-04-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025011.D
Acq On : 19 Jun 2025 21:53
Operator : RC/JU
Sample : Q2354-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
3321

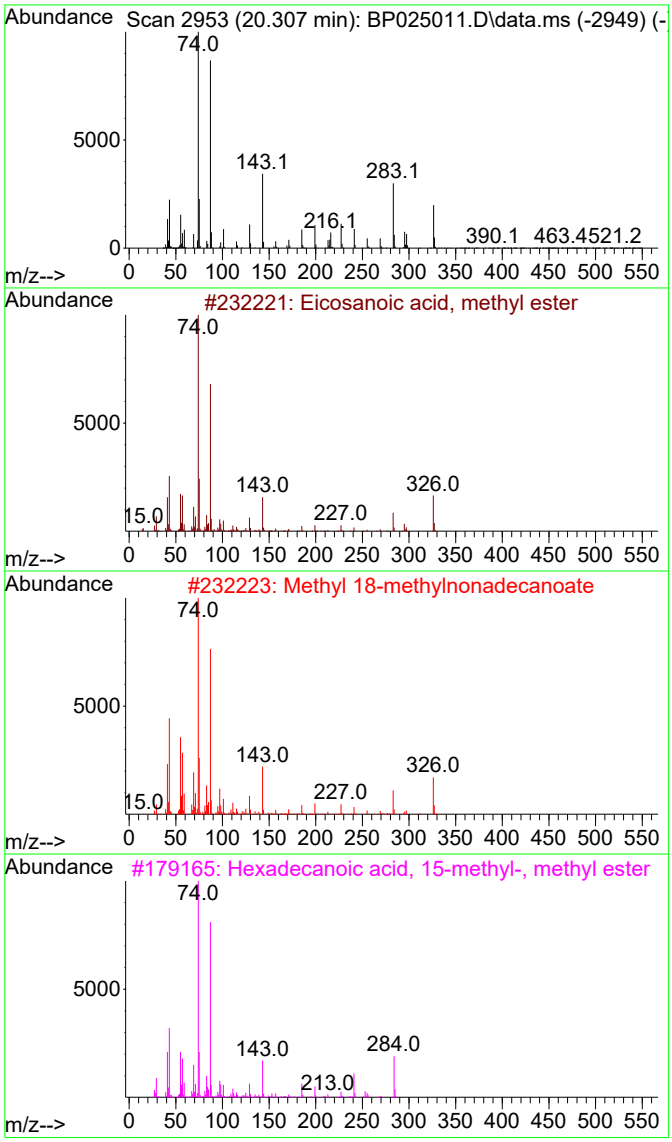
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

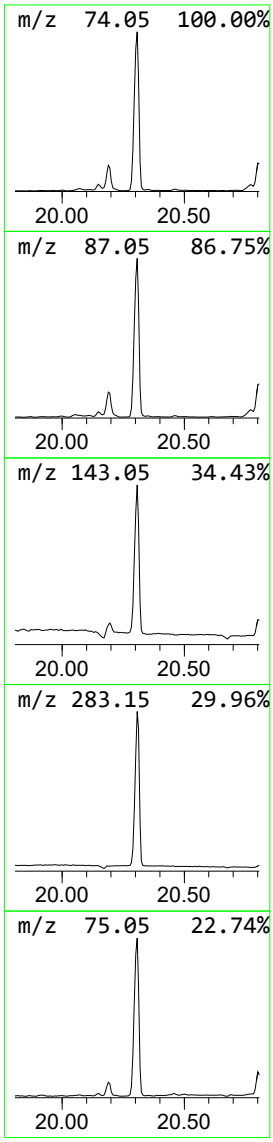
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Eicosanoic acid, methyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.307	47.05 ng	19545700	Chrysene-d12	21.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	94
2	Methyl 18-methylnonadecanoate	326	C21H42O2	1000424-52-4	93
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	70
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	70
5	Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025011.D
Acq On : 19 Jun 2025 21:53
Operator : RC/JU
Sample : Q2354-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
3321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

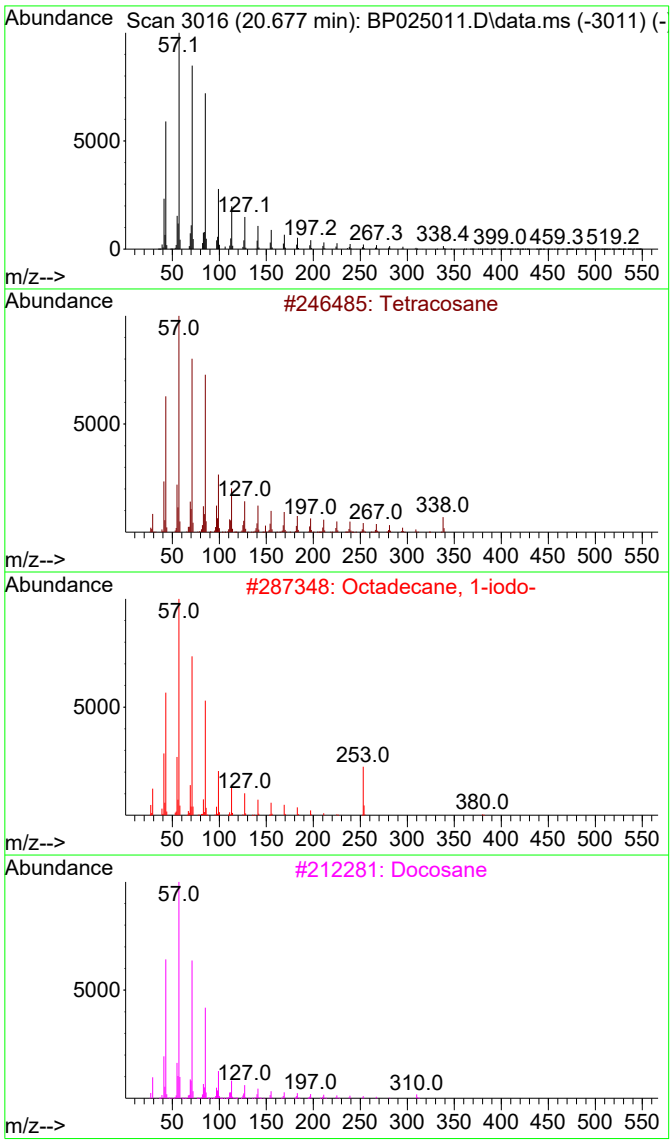
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

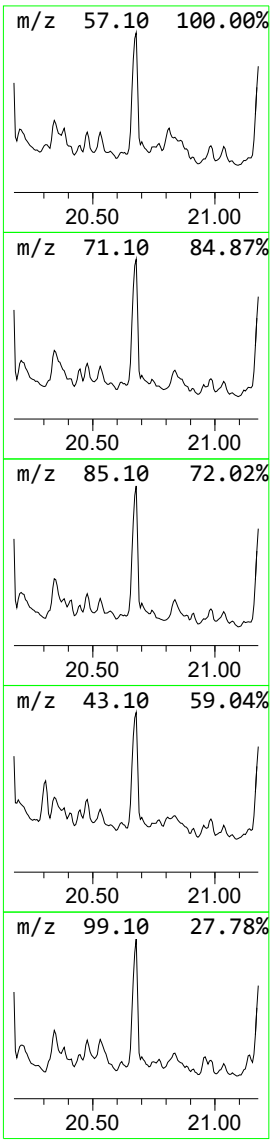
****

Peak Number 13 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.677	47.84 ng	19873800	Chrysene-d12	21.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	91
3	Docosane	310	C22H46	000629-97-0	91
4	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	90
5	Octadecane	254	C18H38	000593-45-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025011.D
Acq On : 19 Jun 2025 21:53
Operator : RC/JU
Sample : Q2354-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
3321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

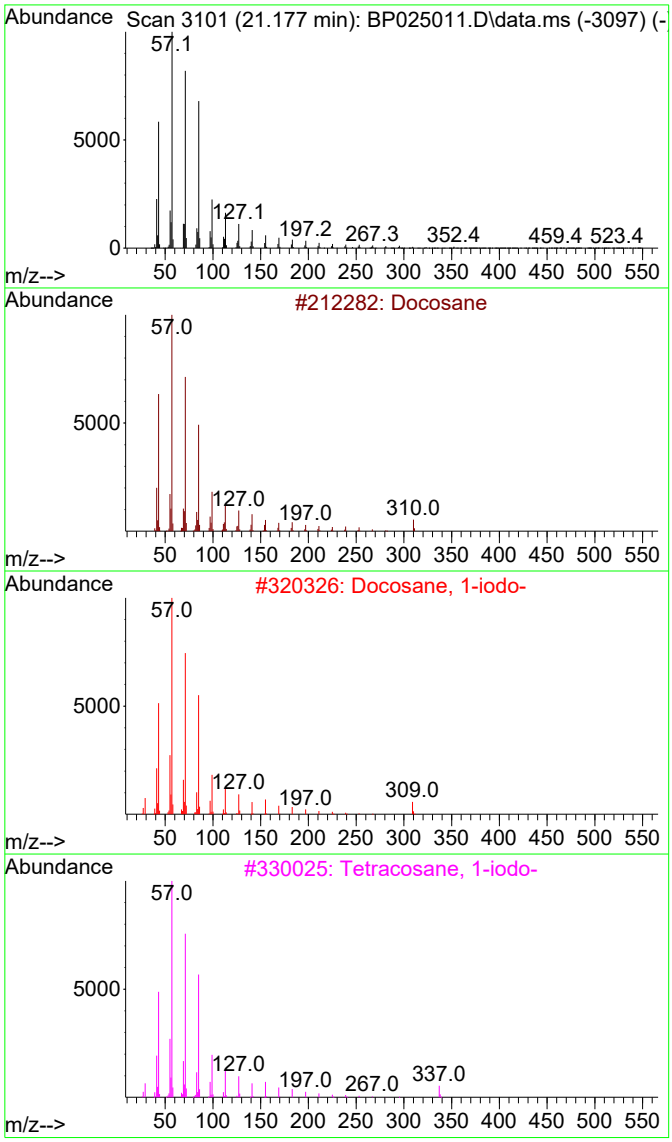
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

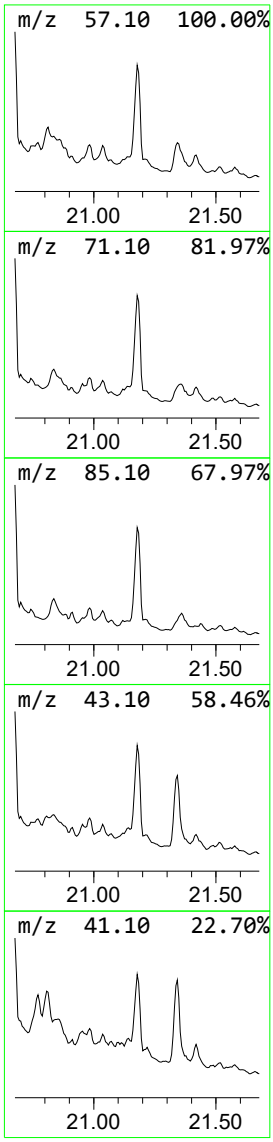
****

Peak Number 14 Docosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.177	47.88 ng	19890700	Chrysene-d12	21.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	91
2	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	91
3	Tetracosane, 1-iodo-	464	C24H49I	1000406-32-0	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025011.D
Acq On : 19 Jun 2025 21:53
Operator : RC/JU
Sample : Q2354-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
3321

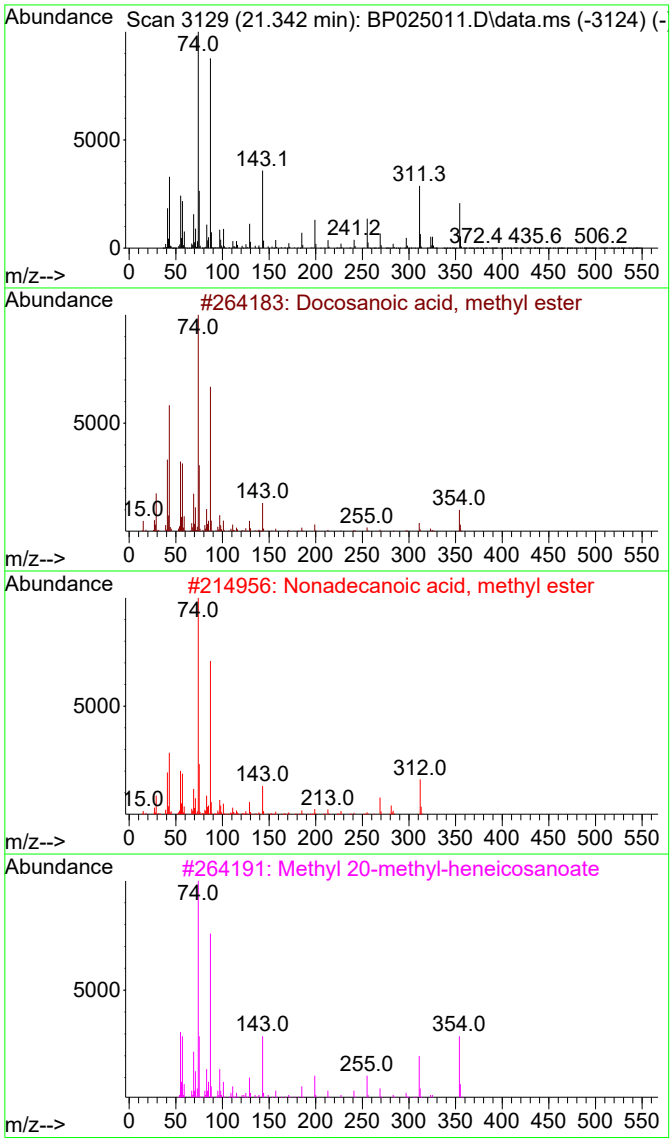
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

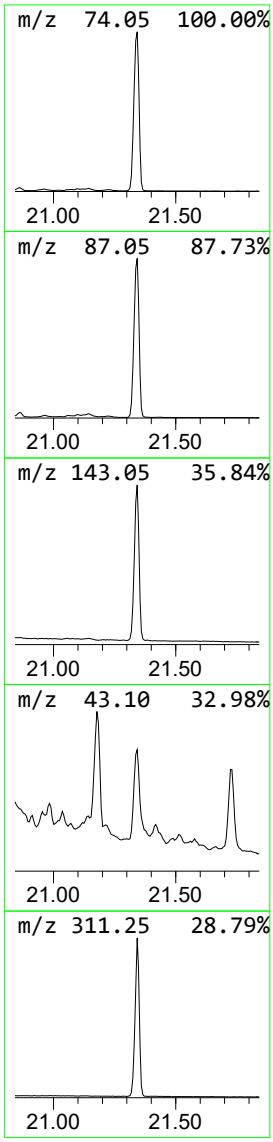
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Docosanoic acid, methyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.342	84.74 ng	35206600	Chrysene-d12	21.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	96
2	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	95
3	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	94
4	2-Methylpentadecanoic acid	256	C16H32O2	025354-92-1	70
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025011.D
Acq On : 19 Jun 2025 21:53
Operator : RC/JU
Sample : Q2354-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
3321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

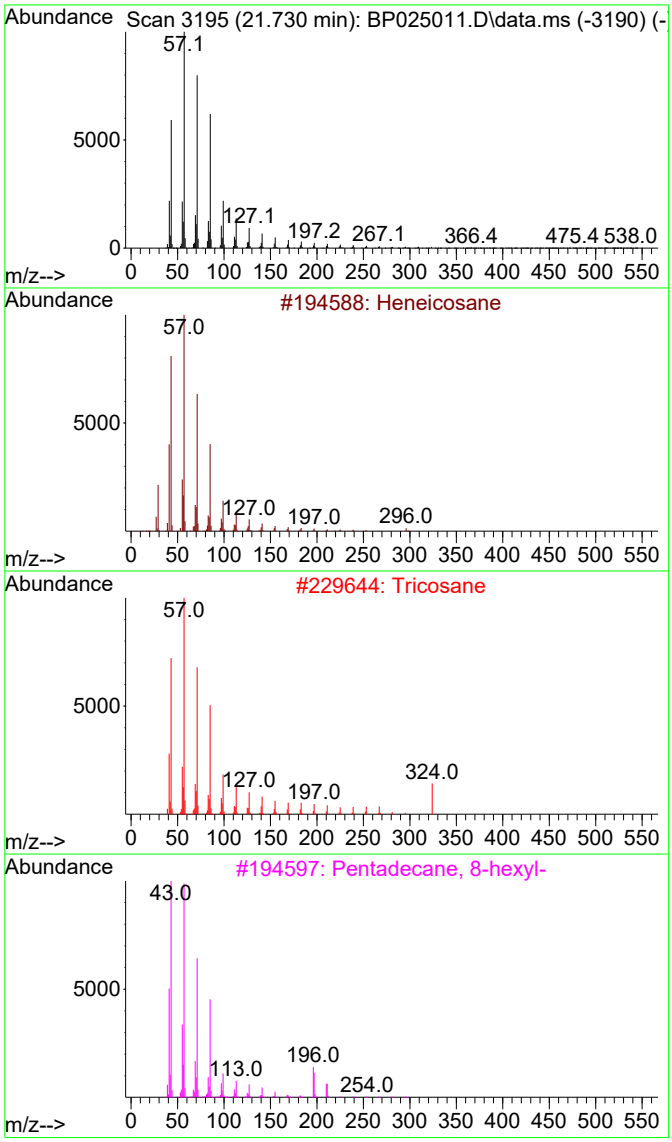
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

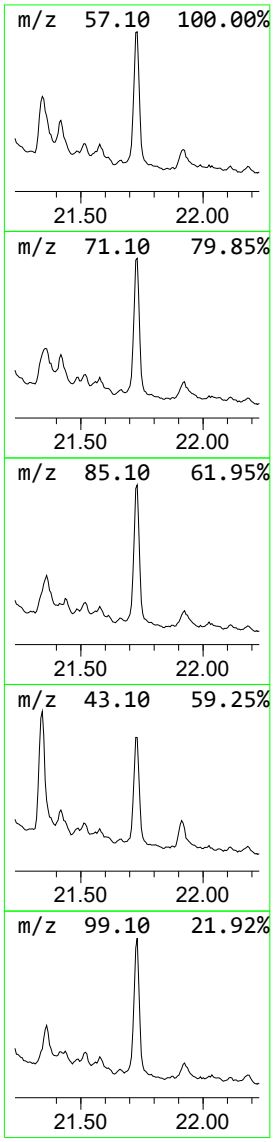
****

Peak Number 16 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.730	40.89 ng	16987200	Chrysene-d12	21.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Tricosane	324	C23H48	000638-67-5	94
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	91
5	Triacontane	422	C30H62	000638-68-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025011.D
Acq On : 19 Jun 2025 21:53
Operator : RC/JU
Sample : Q2354-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
3321

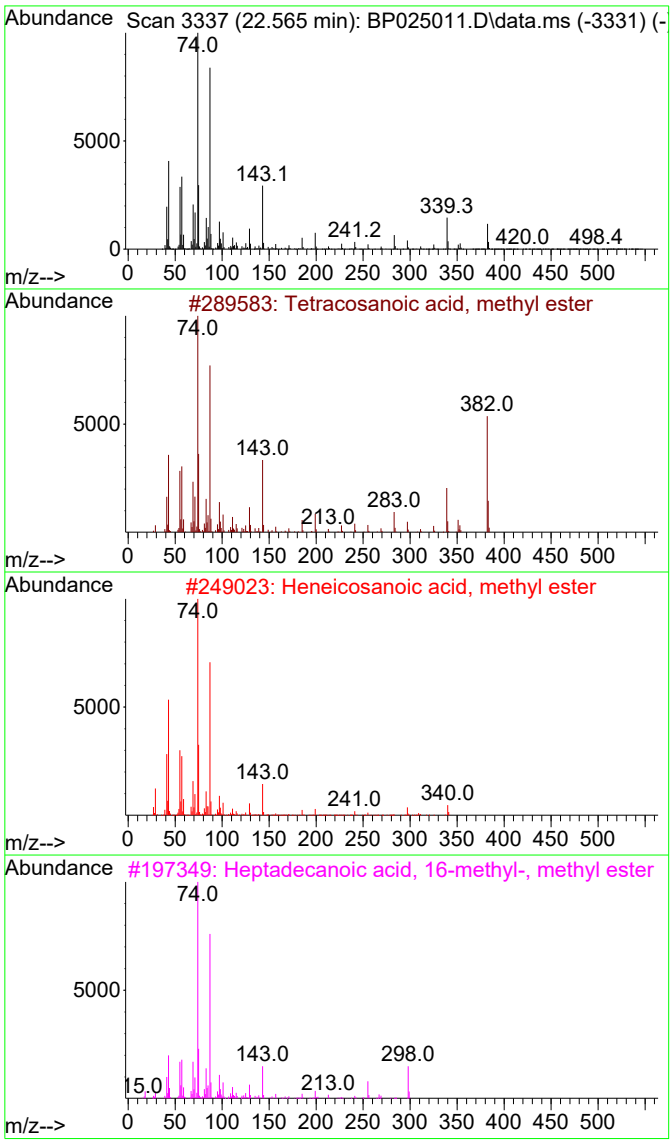
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

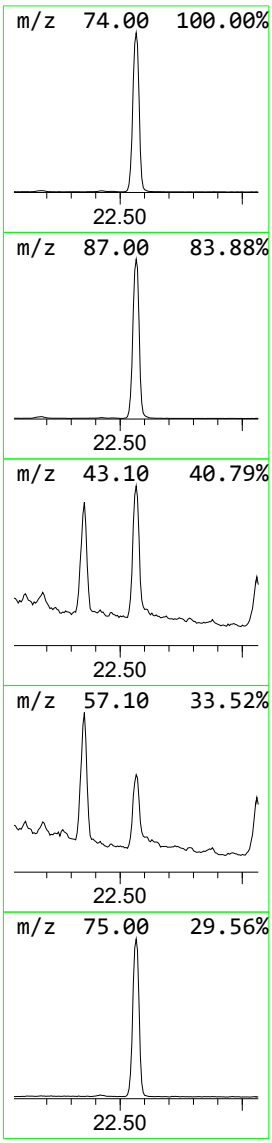
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Tetracosanoic acid, methyl ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.566	42.69 ng	17735100	Chrysene-d12	21.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosanoic acid, methyl ester	382	C25H50O2	002442-49-1	99
2	Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	97
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	81
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025011.D
Acq On : 19 Jun 2025 21:53
Operator : RC/JU
Sample : Q2354-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
3321

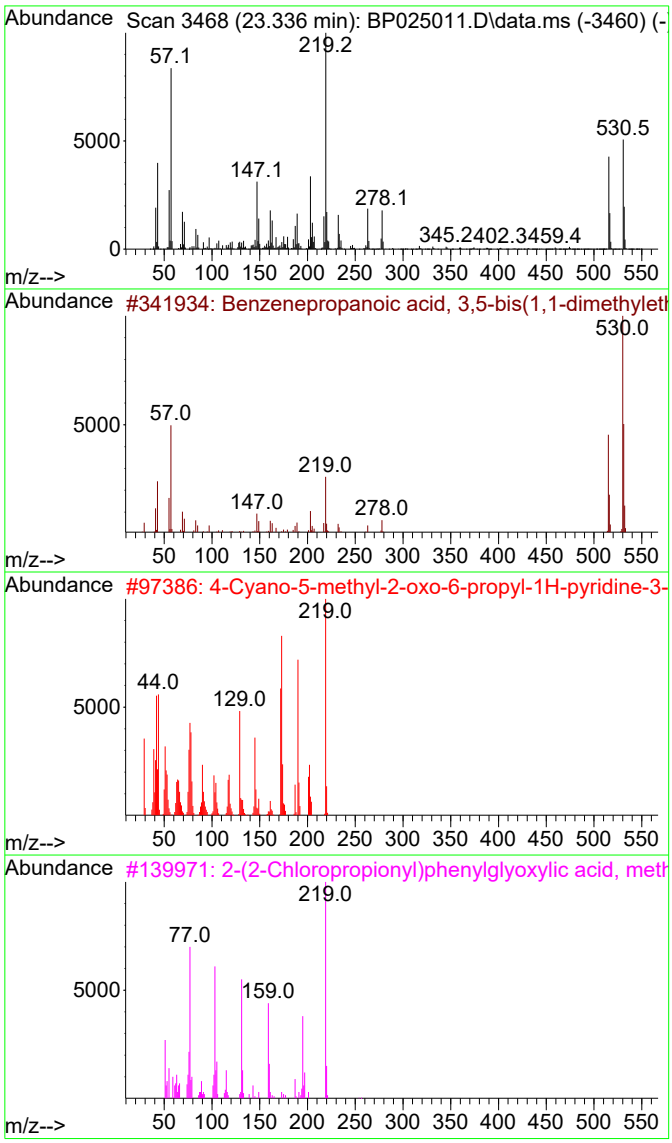
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

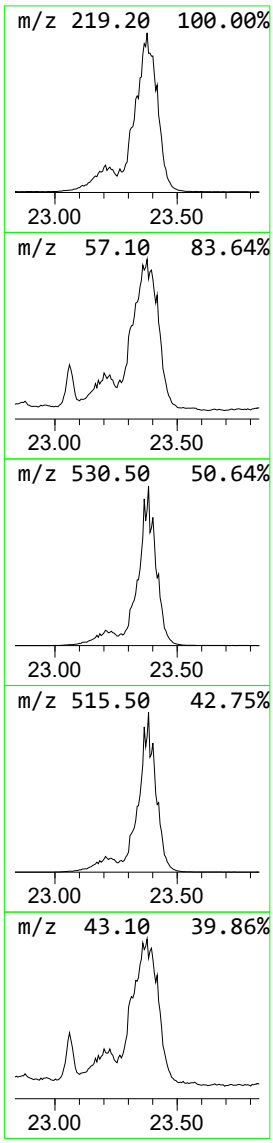
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzenepropanoic acid, 3,5-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.336	62.94 ng	13404900	Perylene-d12	24.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanoic acid, 3,5-bis(1...	530	C35H62O3	002082-79-3	92
2	4-Cyano-5-methyl-2-oxo-6-propyl-...	219	C11H13N3O2	1000459-78-4	70
3	2-(2-Chloropropionyl)phenylglyox...	254	C12H11ClO4	091398-70-8	25
4	Isophthalic acid, 3-chlorophenyl...	346	C19H19ClO4	1000344-60-3	25
5	Isophthalic acid, oct-3-en-2-yl ...	346	C21H30O4	1000343-89-3	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025011.D
Acq On : 19 Jun 2025 21:53
Operator : RC/JU
Sample : Q2354-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
3321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

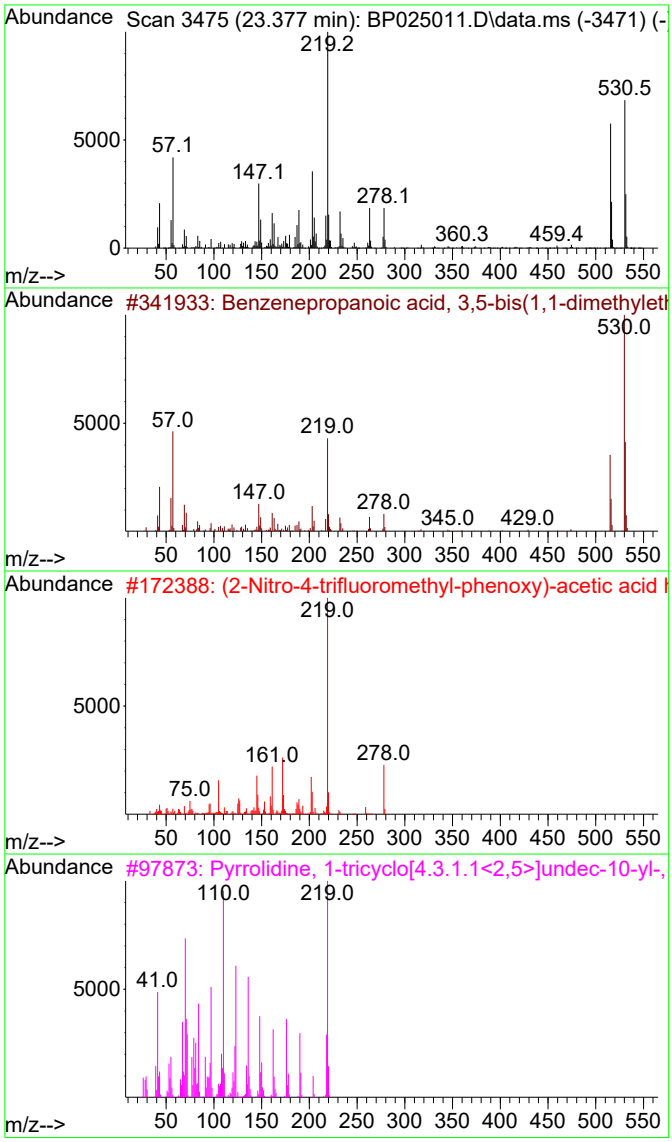
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

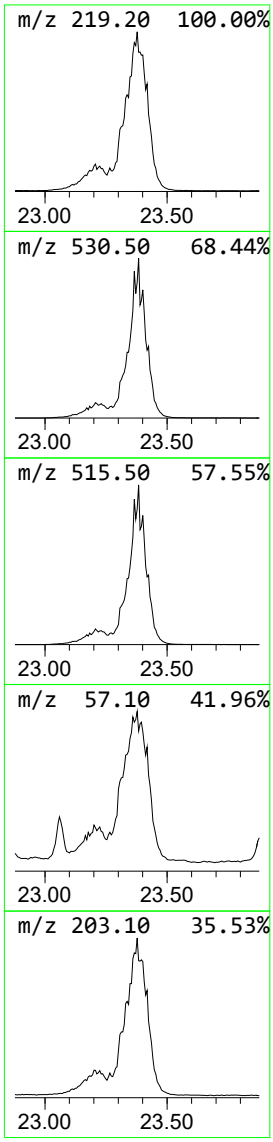
****

Peak Number 19 unknown23.377 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.377	41.31 ng	8798350	Perylene-d12	24.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanoic acid, 3,5-bis(1...	530	C35H62O3	002082-79-3	94
2	(2-Nitro-4-trifluoromethyl-pheno...	279	C9H8F3N3O4	1000294-73-1	22
3	Pyrrolidine, 1-tricyclo[4.3.1.1<...	219	C15H25N	085538-51-8	18
4	1-Naphthalenamine, N-phenyl-	219	C16H13N	000090-30-2	14
5	Acetamide, N-(4-methoxyphenyl)-2...	219	C9H8F3NO2	000332-34-3	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025011.D
Acq On : 19 Jun 2025 21:53
Operator : RC/JU
Sample : Q2354-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
3321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

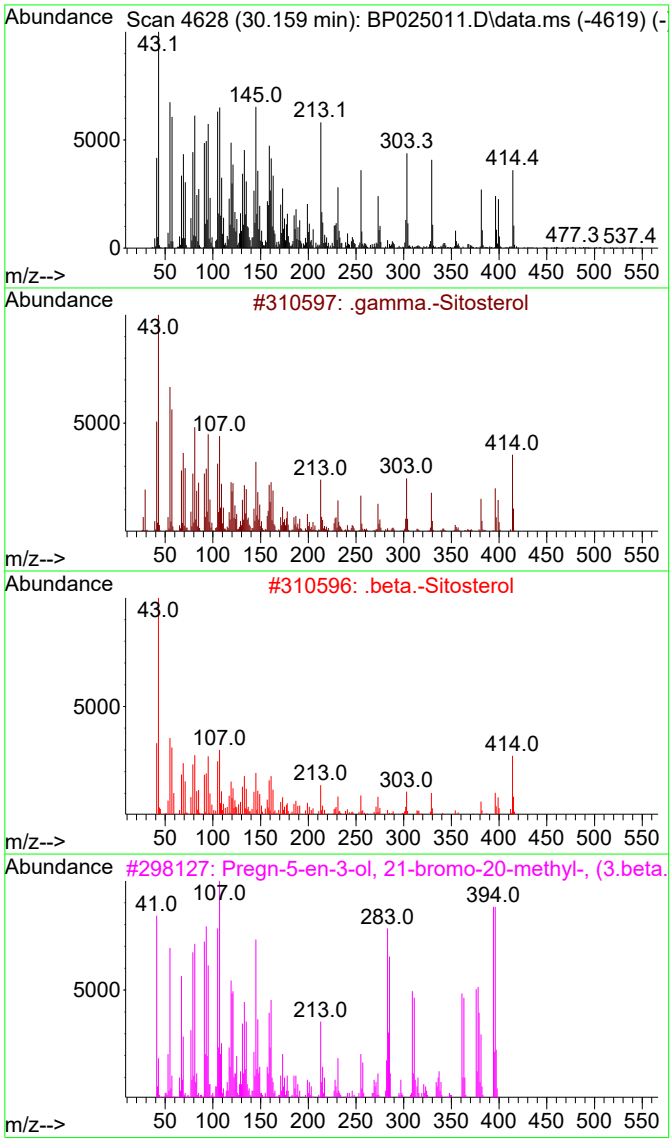
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

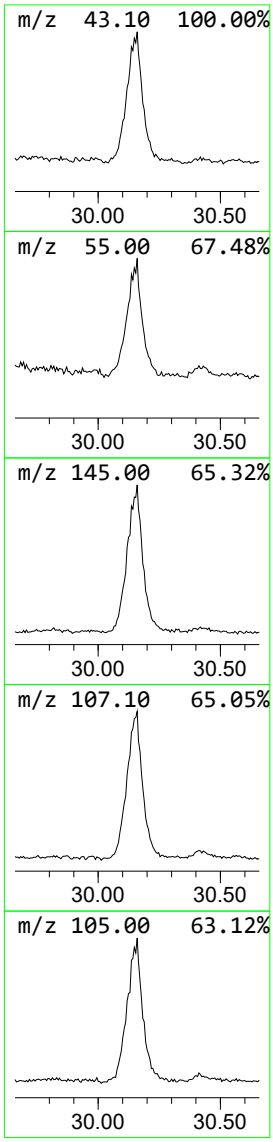
****

Peak Number 20 .gamma.-Sitosterol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.159	41.95 ng	8933980	Perylene-d12	24.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	91
3	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	90
4	(3S,8S,9S,10R,13R,14S,17R)-17-((...	414	C29H50O	029365-29-5	74
5	Campesterol	400	C28H48O	000474-62-4	20





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025011.D
Acq On : 19 Jun 2025 21:53
Operator : RC/JU
Sample : Q2354-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
3321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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
1,3,5-Cyclohept...	3.849	22.0	ng	23643000	1	7.619	21513200	20.0
Hexanal	4.213	33.3	ng	35838900	1	7.619	21513200	20.0
Nonane	5.655	90.8	ng	97682100	1	7.619	21513200	20.0
Cyclohexane, 1-...	5.902	33.6	ng	36119100	1	7.619	21513200	20.0
Benzene, (1-met...	6.119	24.5	ng	26379500	1	7.619	21513200	20.0
Cyclohexane, pr...	6.266	37.1	ng	39947400	1	7.619	21513200	20.0
Nonane, 4-methyl-	6.613	52.7	ng	56693700	1	7.619	21513200	20.0
Benzene, 1-ethy...	7.013	31.4	ng	33769400	1	7.619	21513200	20.0
Benzene, 1,2,3-...	7.290	125.2	ng	134657000	1	7.619	21513200	20.0
Benzene, 1,2,4-...	7.743	21.7	ng	23329100	1	7.619	21513200	20.0
Heneicosane, 11...	20.160	43.1	ng	17894100	5	21.530	8309140	20.0
Eicosanoic acid...	20.307	47.0	ng	19545700	5	21.530	8309140	20.0
Tetracosane	20.677	47.8	ng	19873800	5	21.530	8309140	20.0
Docosane	21.177	47.9	ng	19890700	5	21.530	8309140	20.0
Docosanoic acid...	21.342	84.7	ng	35206600	5	21.530	8309140	20.0
Heneicosane	21.730	40.9	ng	16987200	5	21.530	8309140	20.0
Tetracosanoic a...	22.566	42.7	ng	17735100	5	21.530	8309140	20.0
Benzenepropanoi...	23.336	62.9	ng	13404900	6	24.789	4259640	20.0
unknown23.377	23.377	41.3	ng	8798350	6	24.789	4259640	20.0
.gamma.-Sitosterol	30.159	41.9	ng	8933980	6	24.789	4259640	20.0