LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025371.D
Acq On : 12 Aug 2025 18:00
Operator : CG/JU
Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

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-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025371.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.984	3	8	13	rVB2	202474	404223	1.37%	0.251%
2	3.049	13	19	31	rVB	899236	1347434	4.58%	0.837%
3	5.414	414	421	430	rBV	2031386	2901375	9.86%	1.801%
4	5.537	434	442	462	rBV	2549376	3860436	13.12%	2.397%
5	6.972	678	686	694	rBV	2011459	3163155	10.75%	1.964%
6	7.802	819	827	834	rBV	829148	1332998	4.53%	0.828%
7	8.219	890	898	910	rBV	1537986	2279447	7.75%	1.415%
8	8.937	1012	1020	1028	rBV	1181106	2072608	7.04%	1.287%
9	10.525	1285	1290	1293	rVV	225053	334803	1.14%	0.208%
10	10.572	1293	1298	1305	rVB	1098764	1859615	6.32%	1.155%
11	13.031	1710	1716	1728	rVB	3212136	4899944	16.65%	3.042%
12	14.043	1881	1888	1899	rBV	587059	1369320	4.65%	0.850%
13	14.419	1946	1952	1963	rBV2	1595559	2684987	9.13%	1.667%
14	15.801	2180	2187	2194	rVB2	464995	810930	2.76%	0.503%
15	15.925	2203	2208	2218	rVB	2229528	3531928	12.00%	2.193%
16	16.095	2232	2237	2241	rBV	280175	389635	1.32%	0.242%
17	16.184	2247	2252	2259	rBV4	180571	454539	1.54%	0.282%
18	16.466	2296	2300	2304	rBV	340433	388413	1.32%	0.241%
19	16.619	2321	2326	2332	rVB4	675401	1000592	3.40%	0.621%
20	16.684	2334	2337	2340	rVV	239972	328371	1.12%	0.204%
21	16.719	2340	2343	2347	rVV	219014	310503	1.06%	0.193%
22	17.142	2411	2415	2422	rBV2	522285	990918	3.37%	0.615%
23	17.225	2422	2429	2439	rVB	1788654	3317366	11.28%	2.060%
24	17.419	2458	2462	2468	rBV2	195825	342334	1.16%	0.213%
25	17.560	2481	2486	2492	rVB	442836	734181	2.50%	0.456%
26	17.631	2495	2498	2501	rBV2	246119	307260	1.04%	0.191%
27	17.901	2541	2544	2547	rBV2	469201	585937	1.99%	0.364%
28	18.054	2566	2570	2576	rVB4	254708	451882	1.54%	0.281%
29	18.189	2586	2593	2608	rBV	6564432	11571745	39.33%	7.184%
30	18.483	2640	2643	2646	rBV2	228856	341036	1.16%	0.212%
31	18.625	2660	2667	2673	rBV3	1224051	2217662	7.54%	1.377%
32	18.683	2674	2677	2686	rVB3	639617	1021354	3.47%	0.634%
33	18.889	2710	2712	2716	rVB	303256	345238	1.17%	0.214%
34	19.342	2786	2789	2790	rBV	514257	483567	1.64%	0.300%
35	19.378	2791	2795	2797	rBV	2194450	2926183	9.95%	1.817%
36	19.507	2812	2817	2830	rBV	4959984	7351896	24.99%	4.564%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025371.D
Acq On : 12 Aug 2025 18:00
Operator : CG/JU
Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

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-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.948	2887	2892	2898	rBV	4330417	6412831	21.80%	3.981%
38	20.248	2941	2943	2948	rBV5	370229	463604	1.58%	0.288%
39	20.630	3005	3008	3012	rBV2	664880	784789	2.67%	0.487%
40	20.683	3015	3017	3021	rVB2	573903	622533	2.12%	0.386%
41	21.295	3118	3121	3125	rBV	1073681	1435944	4.88%	0.891%
42	21.342	3127	3129	3134	rVB2	618673	848665	2.88%	0.527%
43	21.672	3180	3185	3190	rVB	1659414	2551401	8.67%	1.584%
44	23.566	3502	3507	3518	rVB2	1946329	4458584	15.15%	2.768%
45	25.065	3756	3762	3775	rVB	1298600	3571901	12.14%	2.218%
46	27.048	4085	4099	4119	rBV	8154275	29421732	100.00%	18.266%
47	27.536	4170	4182	4189	rBV	2909390	11705792	39.79%	7.267%
48	27.607	4191	4194	4203	rVV2	2172474	5340492	18.15%	3.316%
49	27.718	4207	4213	4225	rVB4	1340772	4446915	15.11%	2.761%
50	29.277	4475	4478	4498	rVB2	1449362	4682647	15.92%	2.907%
51	30.189	4621	4633	4649	rVB2	1972291	9596110	32.62%	5.958%
52	30.865	4737	4748	4762	rBV3	1429750	6016291	20.45%	3.735%

Sum of corrected areas: 161074046

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
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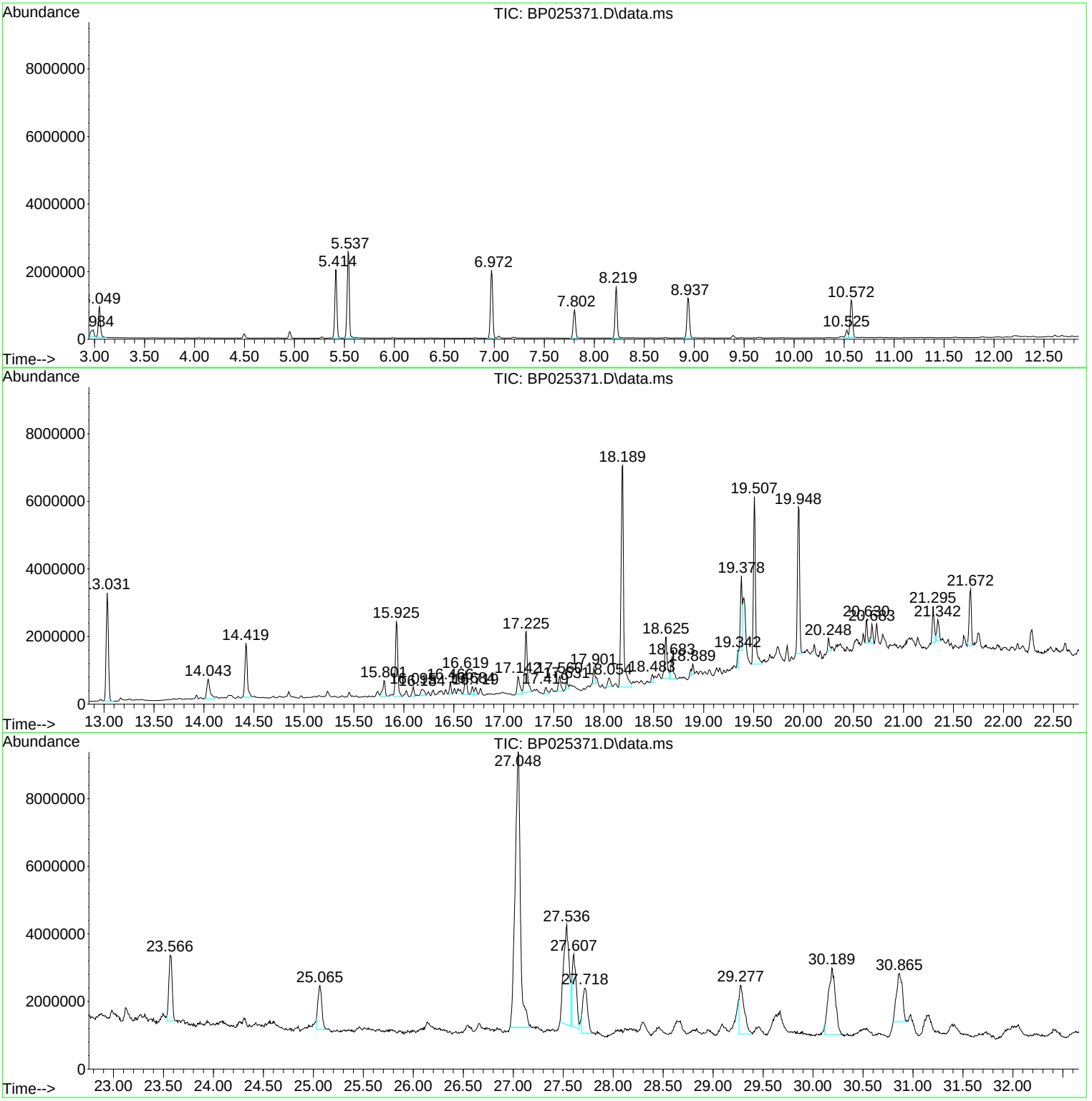
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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\BP081225\
Data File : BP025371.D
Acq On : 12 Aug 2025 18:00
Operator : CG/JU
Sample : Q2818-01
Misc :
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Instrument :
BNA_P
ClientSampleId :
B-2-5-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

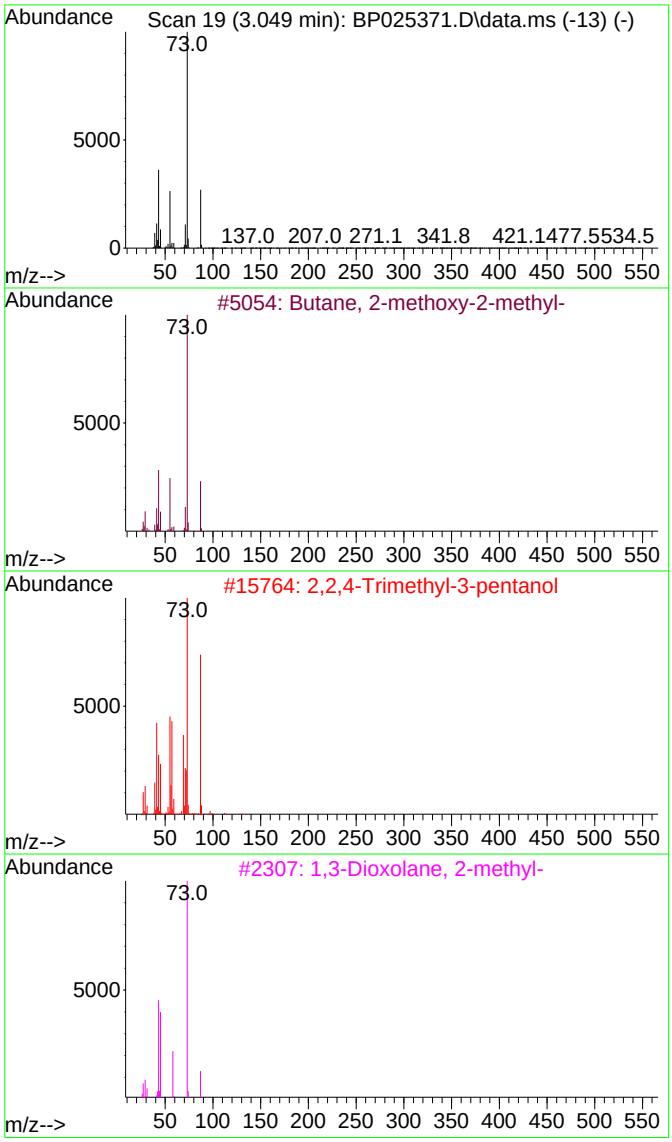
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

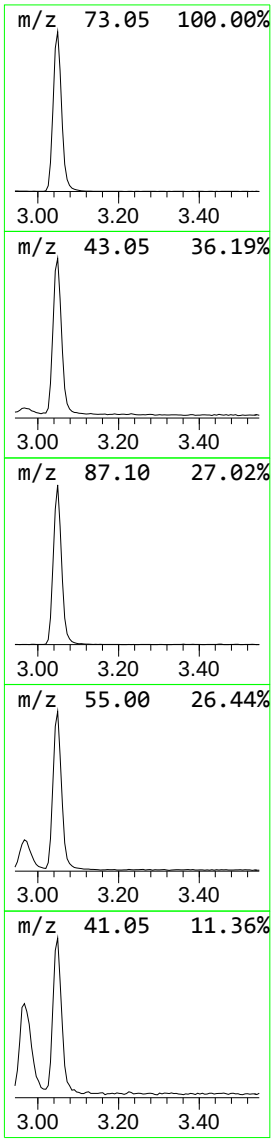
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.049	20.22 ng	1347430	1,4-Dichlorobenzene-d4	7.802

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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025371.D
Acq On : 12 Aug 2025 18:00
Operator : CG/JU
Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

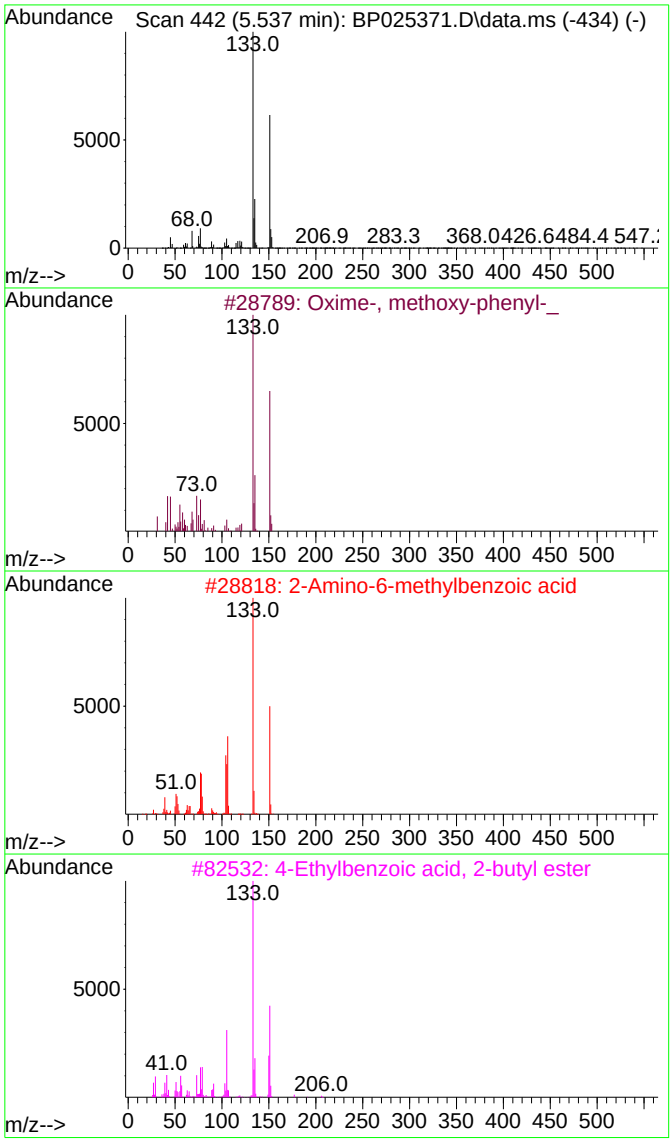
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

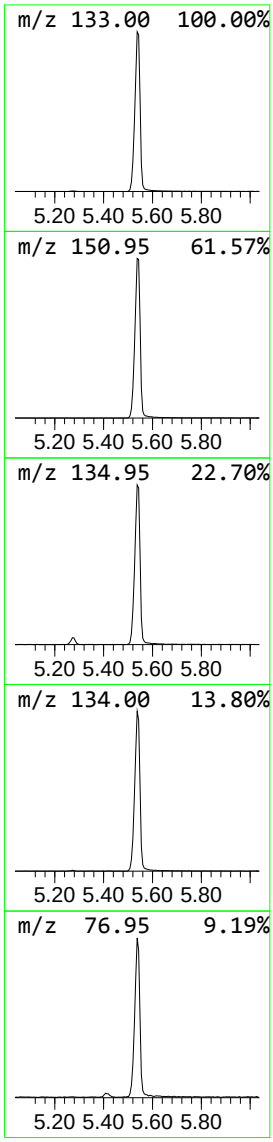
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Oxime-, methoxy-phenyl-_ Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.537	57.92 ng	3860440	1,4-Dichlorobenzene-d4	7.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxime-, methoxy-phenyl-_	151	C8H9NO2	1000222-86-6	91
2	2-Amino-6-methylbenzoic acid	151	C8H9NO2	004389-50-8	59
3	4-Ethylbenzoic acid, 2-butyl ester	206	C13H18O2	1000293-31-8	56
4	4H-Furo[3,2-b]pyrrole-5-carboxyl...	151	C7H5NO3	067268-37-5	45
5	4-Ethylbenzoic acid, cyclohexyl ...	232	C15H20O2	1000293-32-1	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025371.D
Acq On : 12 Aug 2025 18:00
Operator : CG/JU
Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

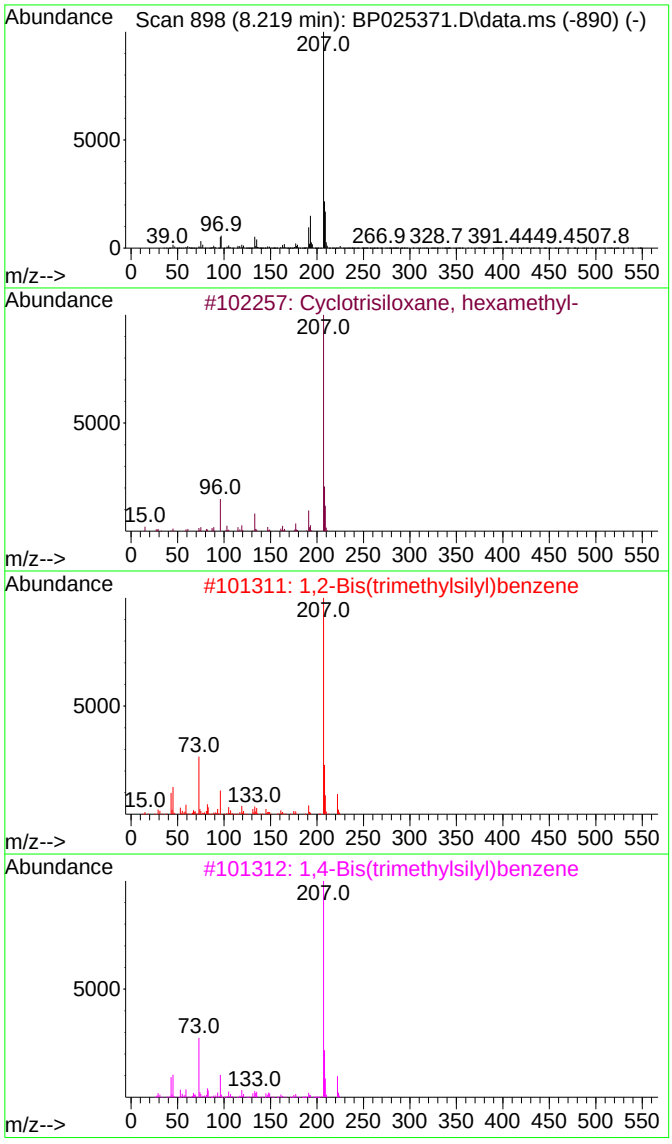
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

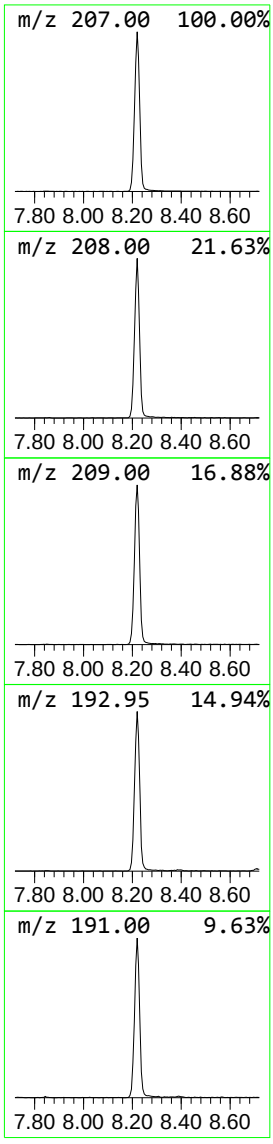
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclotrisiloxane, hexamethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.219	34.20 ng	2279450	1,4-Dichlorobenzene-d4	7.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	56
2	1,2-Bis(trimethylsilyl)benzene	222	C12H22Si2	017151-09-6	50
3	1,4-Bis(trimethylsilyl)benzene	222	C12H22Si2	013183-70-5	50
4	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	45
5	3-Cyano-4-fluorobenzylamine, TMS	222	C11H15FN2Si	1000497-68-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025371.D
Acq On : 12 Aug 2025 18:00
Operator : CG/JU
Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

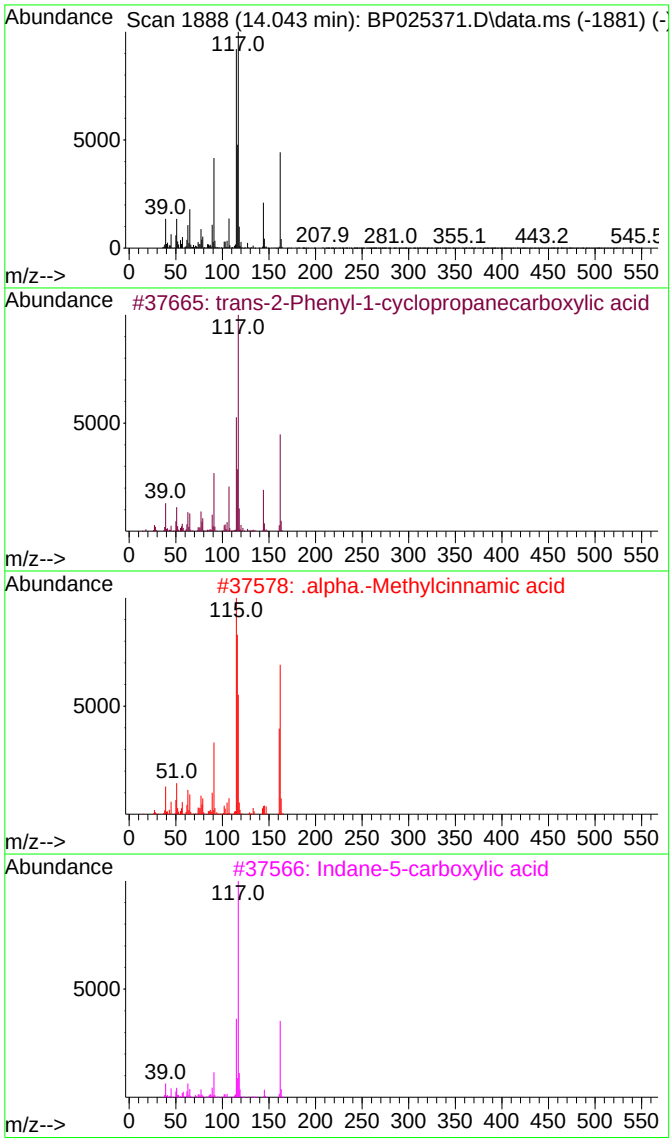
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

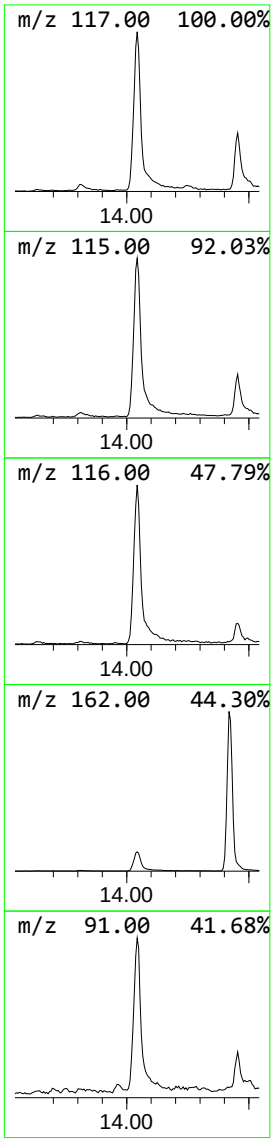
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 trans-2-Phenyl-1-cyclopropa... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.043	10.20 ng	1369320	Acenaphthene-d10	14.419

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2-Phenyl-1-cyclopropanecar...	162	C10H10O2	000939-90-2	76
2	.alpha.-Methylcinnamic acid	162	C10H10O2	001199-77-5	46
3	Indane-5-carboxylic acid	162	C10H10O2	065898-38-6	46
4	1,4-Epoxynaphthalene, 1,4-dihydro-	144	C10H8O	000573-57-9	45
5	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025371.D
Acq On : 12 Aug 2025 18:00
Operator : CG/JU
Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

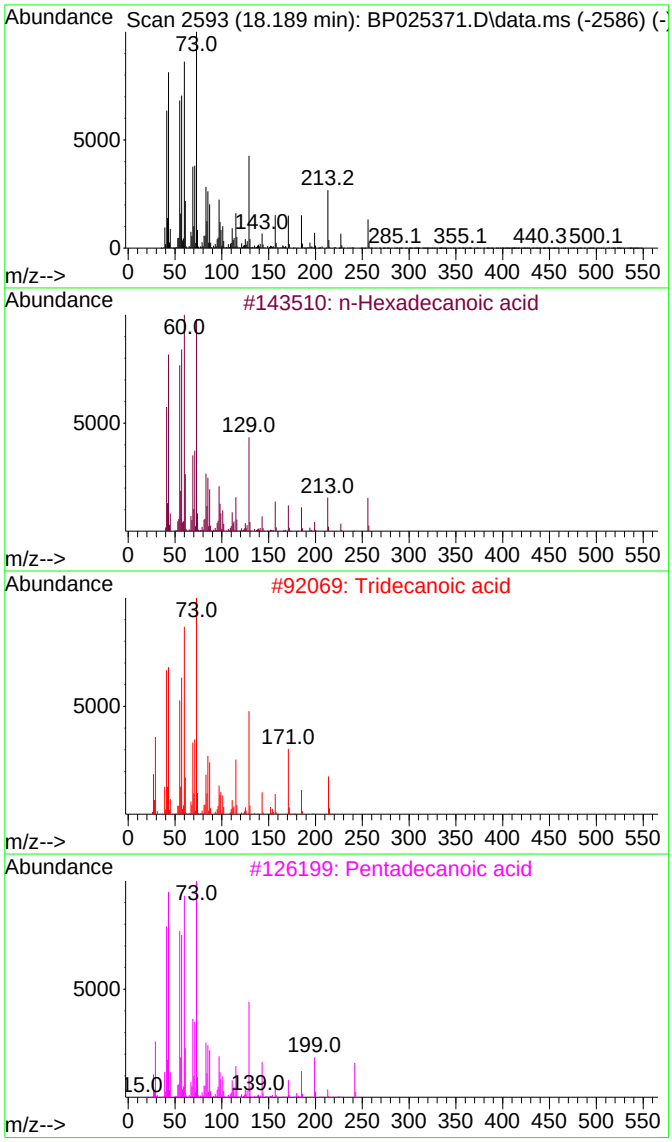
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

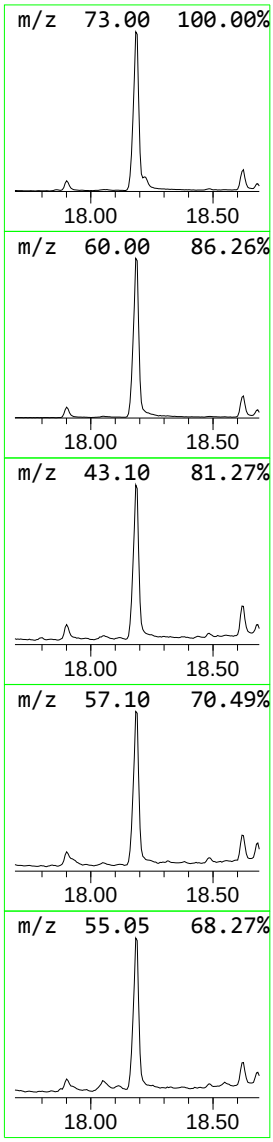
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.189	69.76 ng	11571700	Phenanthrene-d10	17.225

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	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Undecanoic acid	186	C11H22O2	000112-37-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025371.D
Acq On : 12 Aug 2025 18:00
Operator : CG/JU
Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

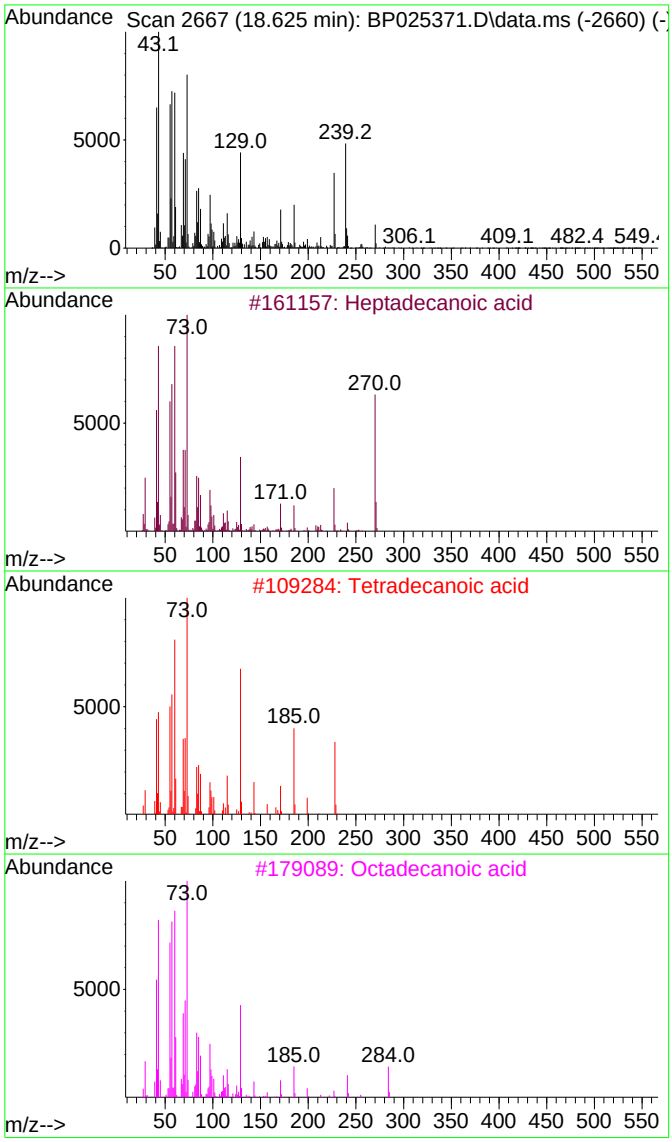
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

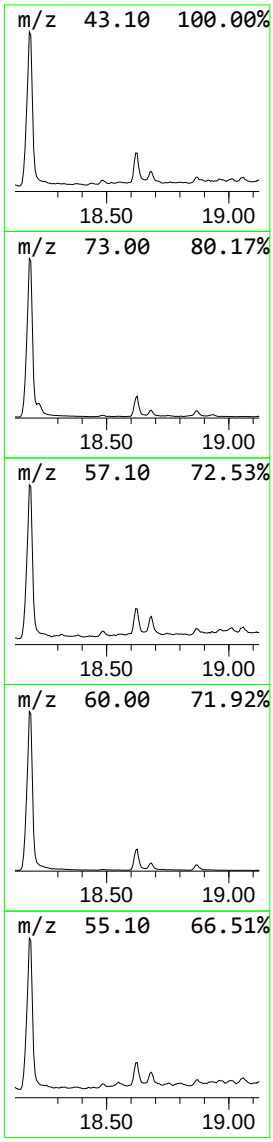
****

Peak Number 6 Heptadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.625	13.37 ng	2217660	Phenanthrene-d10	17.225

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid	270	C17H34O2	000506-12-7	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Octadecanoic acid	284	C18H36O2	000057-11-4	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025371.D
Acq On : 12 Aug 2025 18:00
Operator : CG/JU
Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

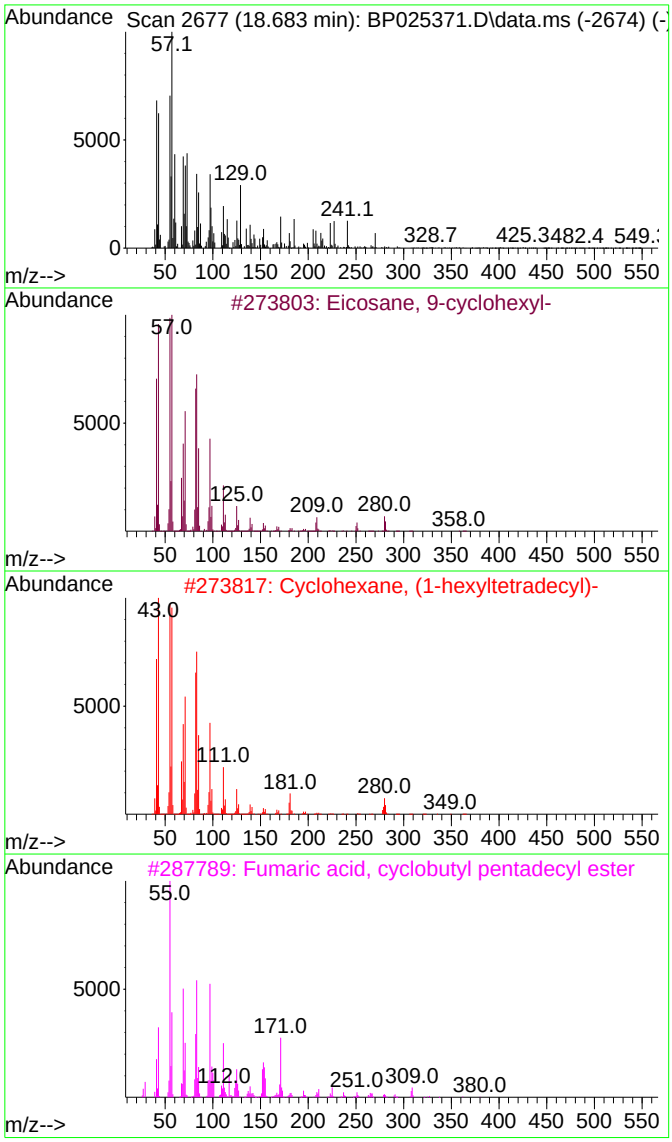
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

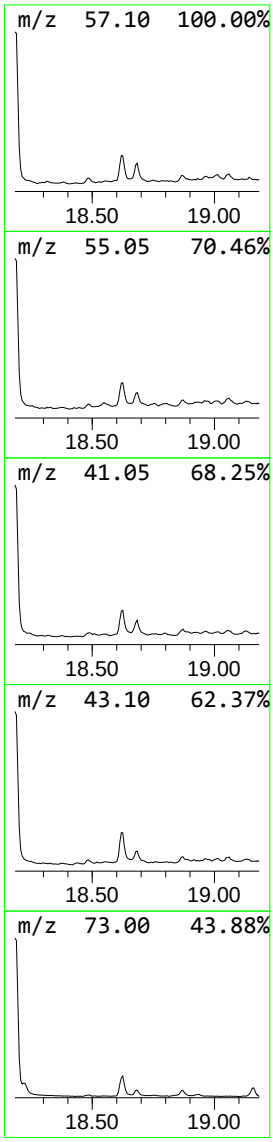
****

Peak Number 7 Eicosane, 9-cyclohexyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.683	6.16 ng	1021350	Phenanthrene-d10	17.225

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 9-cyclohexyl-	364	C26H52	004443-61-2	50
2	Cyclohexane, (1-hexyltetradecyl)-	364	C26H52	004443-60-1	50
3	Fumaric acid, cyclobutyl pentade...	380	C23H40O4	1000345-04-2	46
4	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	46
5	Heneicosane, 11-cyclopentyl-	364	C26H52	006703-81-7	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025371.D
Acq On : 12 Aug 2025 18:00
Operator : CG/JU
Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

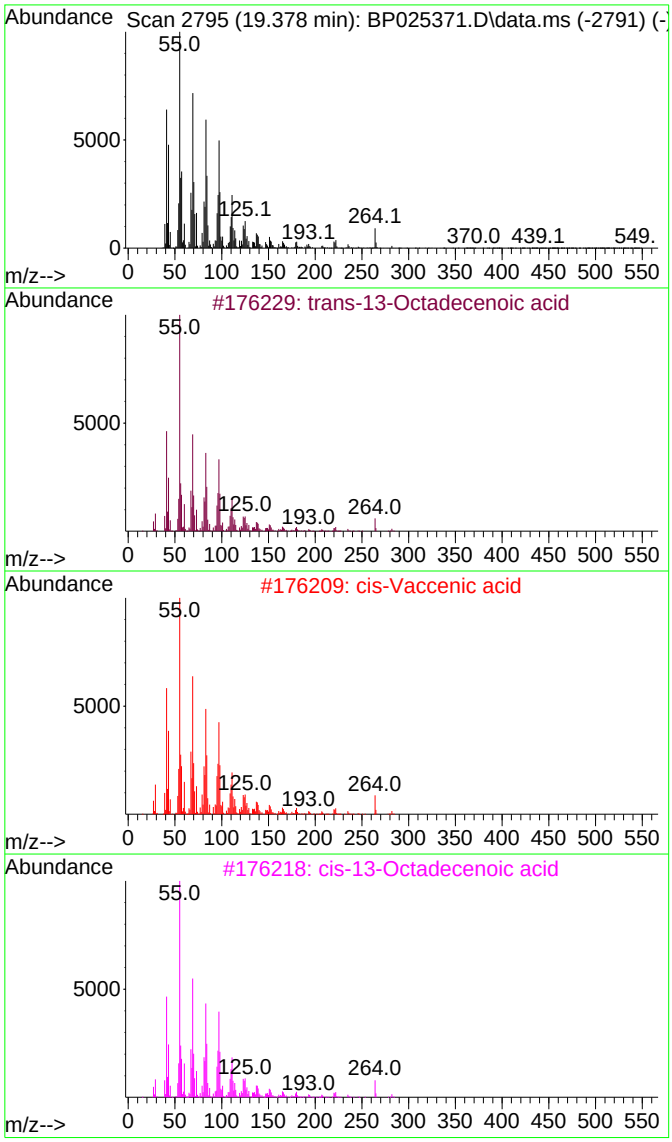
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

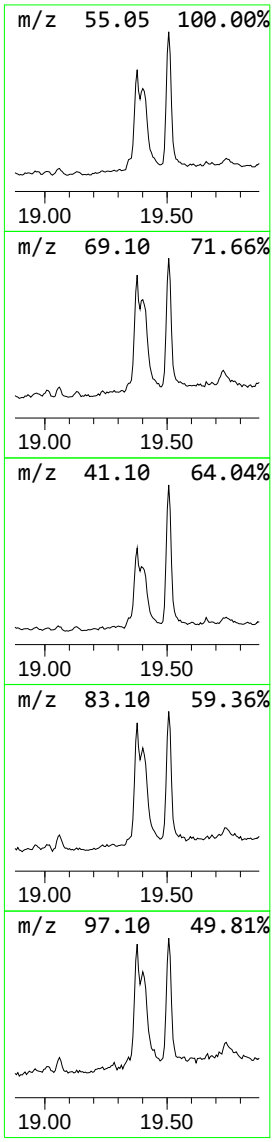
****

Peak Number 8 trans-13-Octadecenoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.378	17.64 ng	2926180	Phenanthrene-d10	17.225

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	99
2	cis-Vaccenic acid	282	C18H34O2	000506-17-2	98
3	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	95
4	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	93
5	Oleic Acid	282	C18H34O2	000112-80-1	91





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Acq On : 12 Aug 2025 18:00
Operator : CG/JU
Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-2-5-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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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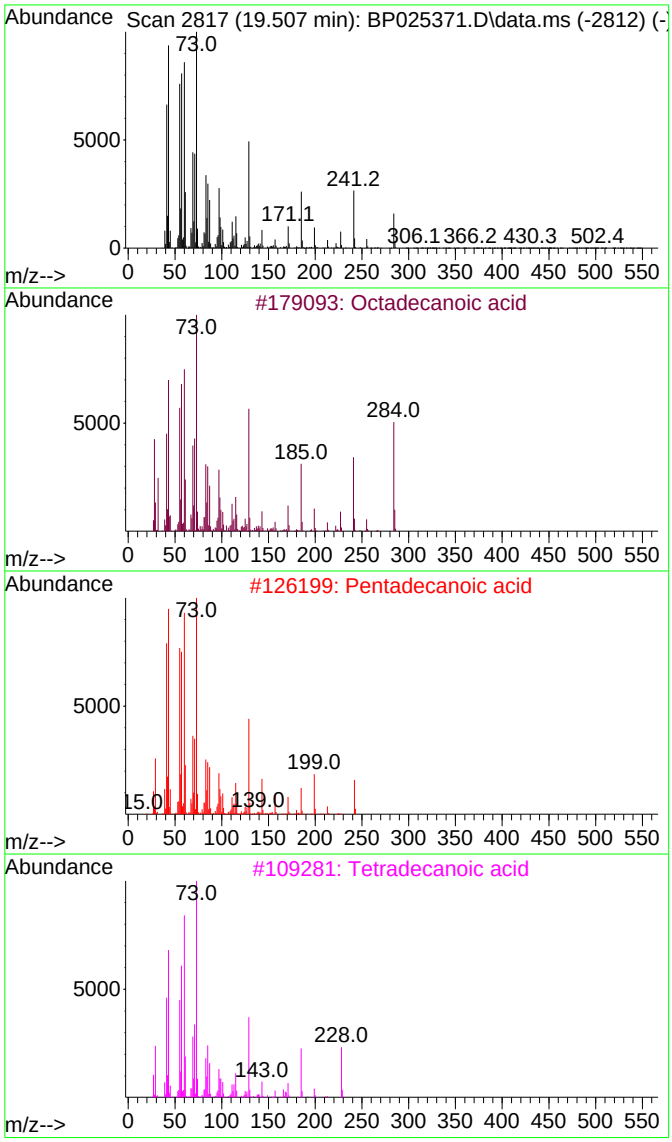
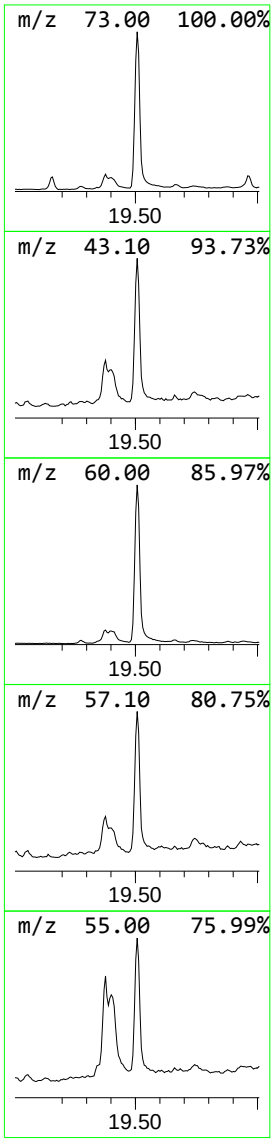
Peak Number 9 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.507	57.63 ng	7351900	Chrysene-d12	21.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72





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Operator : CG/JU
Sample : Q2818-01
Misc :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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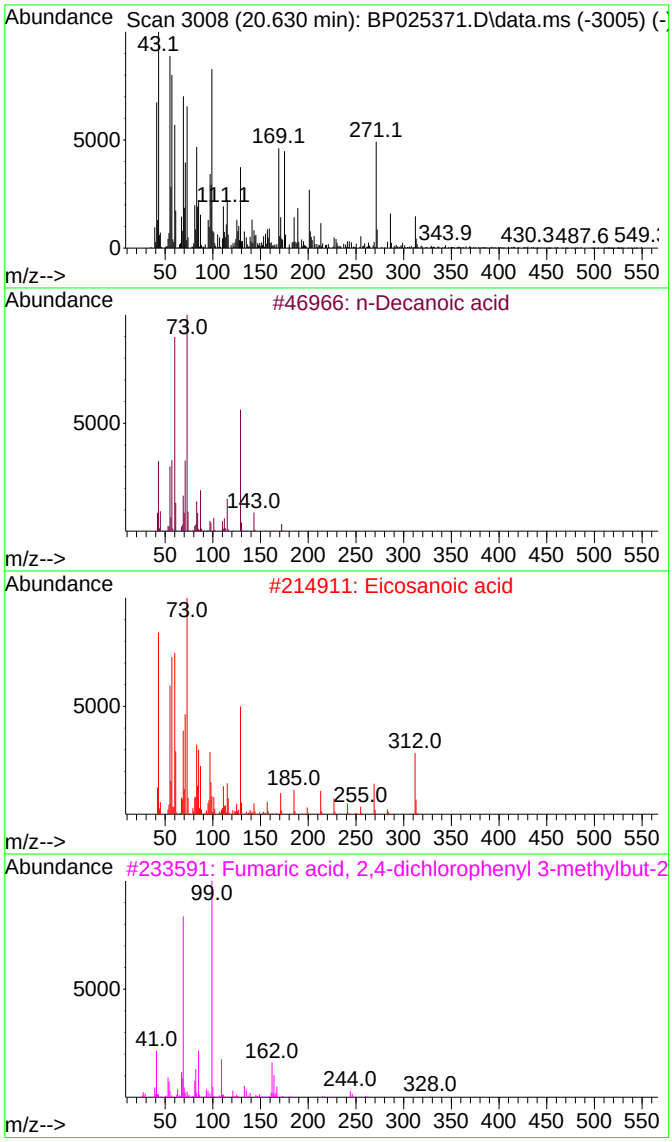
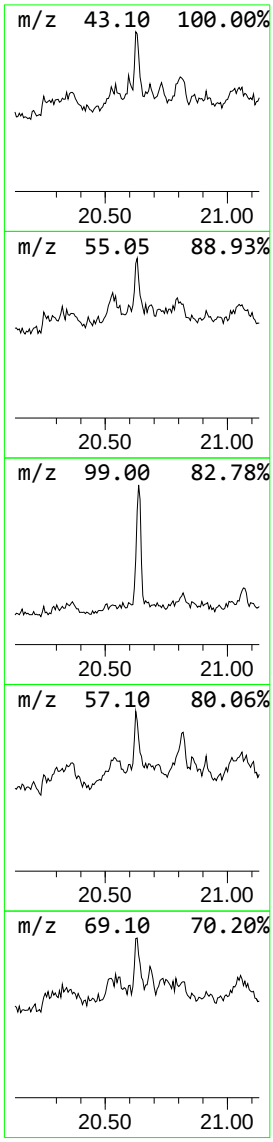
Peak Number 10 n-Decanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.630	6.15 ng	784789	Chrysene-d12	21.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	53
2	Eicosanoic acid	312	C20H40O2	000506-30-9	46
3	Fumaric acid, 2,4-dichlorophenyl...	328	C15H14Cl2O4	1000405-69-4	25
4	Silane, trimethyl-1-propenyl-, (Z)-	114	C6H14Si	004964-02-7	18
5	Pentanoic acid, 4-oxo-, ethyl ester	144	C7H12O3	000539-88-8	18





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Operator : CG/JU
Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

TIC Library : C:\Database\NIST20.L
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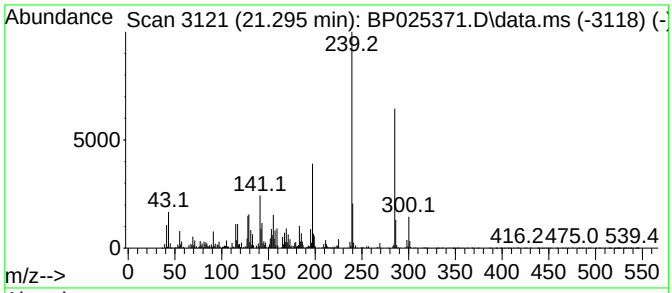
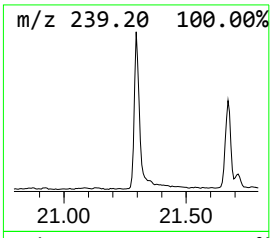
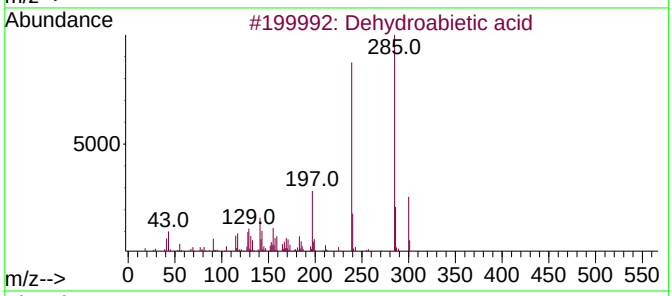
Peak Number 11 Dehydroabietic acid Concentration Rank 16

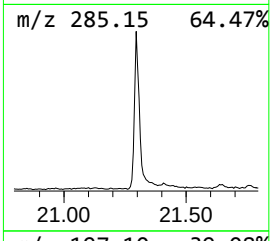
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.295	11.26 ng	1435940	Chrysene-d12	21.672

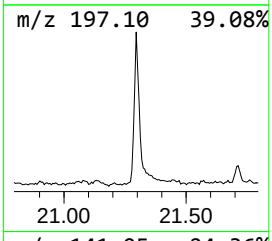
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	99
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	86
3	Ethyl 4-hydroxy-6-(trifluorometh...	285	C13H10F3NO3	026893-12-9	60
4	2-Ethylidene-hydrazono-3-methyl-...	239	C10H10ClN3S	1000148-08-4	46
5	trans-1,2-Bis(methyldichlorosily...	252	C4H8Cl4Si2	065899-10-7	35

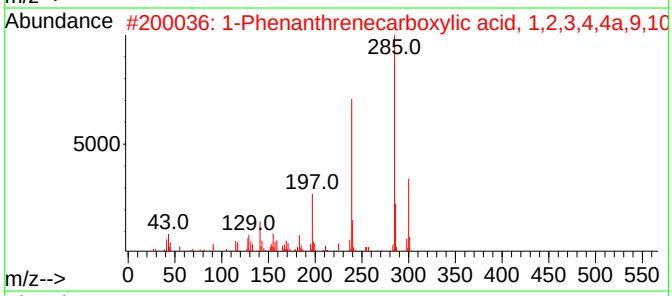


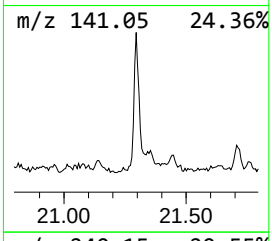


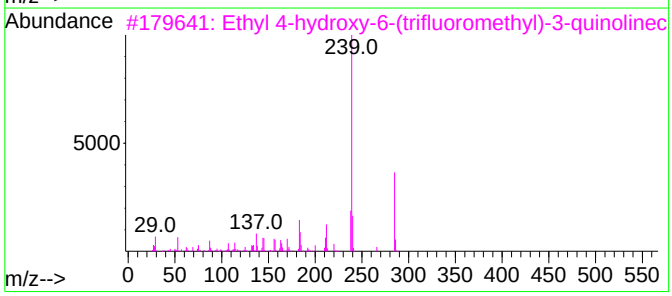


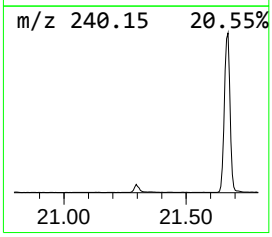












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Data File : BP025371.D
Acq On : 12 Aug 2025 18:00
Operator : CG/JU
Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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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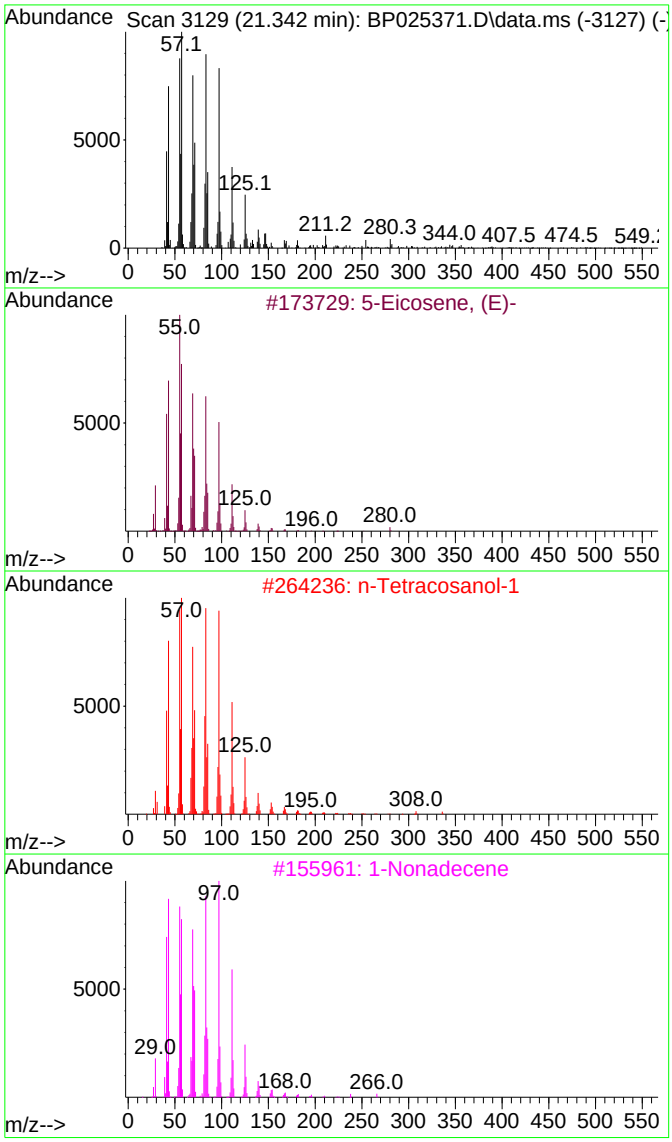
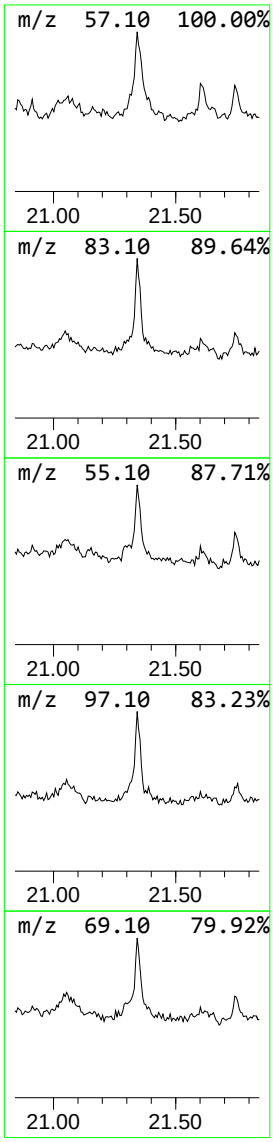
Peak Number 12 5-Eicosene, (E)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.342	6.65 ng	848665	Chrysene-d12	21.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	1-Hexacosene	364	C26H52	018835-33-1	91
5	Cycloeicosane	280	C20H40	000296-56-0	91





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Acq On : 12 Aug 2025 18:00
Operator : CG/JU
Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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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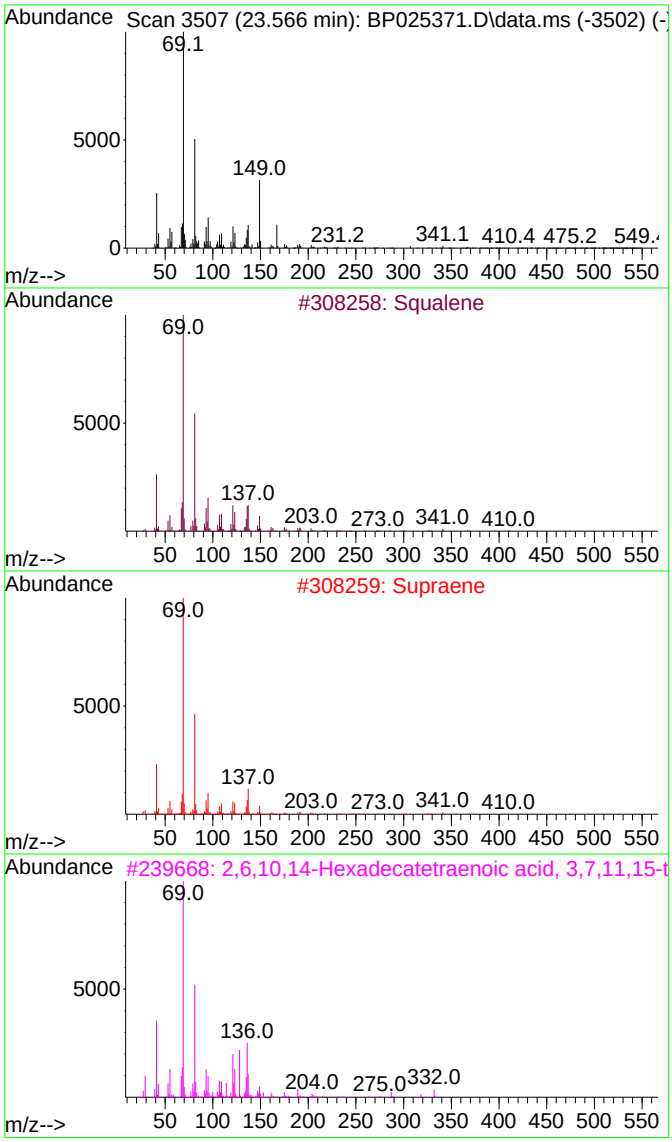
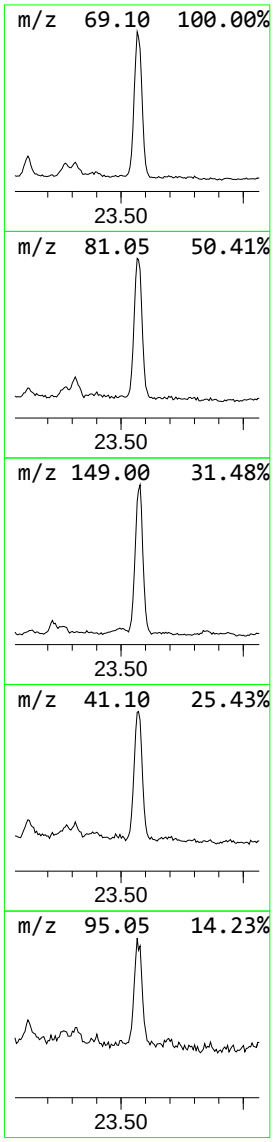
Peak Number 13 Squalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.566	24.96 ng	4458580	Perylene-d12	25.065

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	95
2	Supraene	410	C30H50	007683-64-9	74
3	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	53
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	53
5	Zinc, bis(3,3-dimethyl-4-pentenyl)-	258	C14H26Zn	081069-81-0	43





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Acq On : 12 Aug 2025 18:00
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Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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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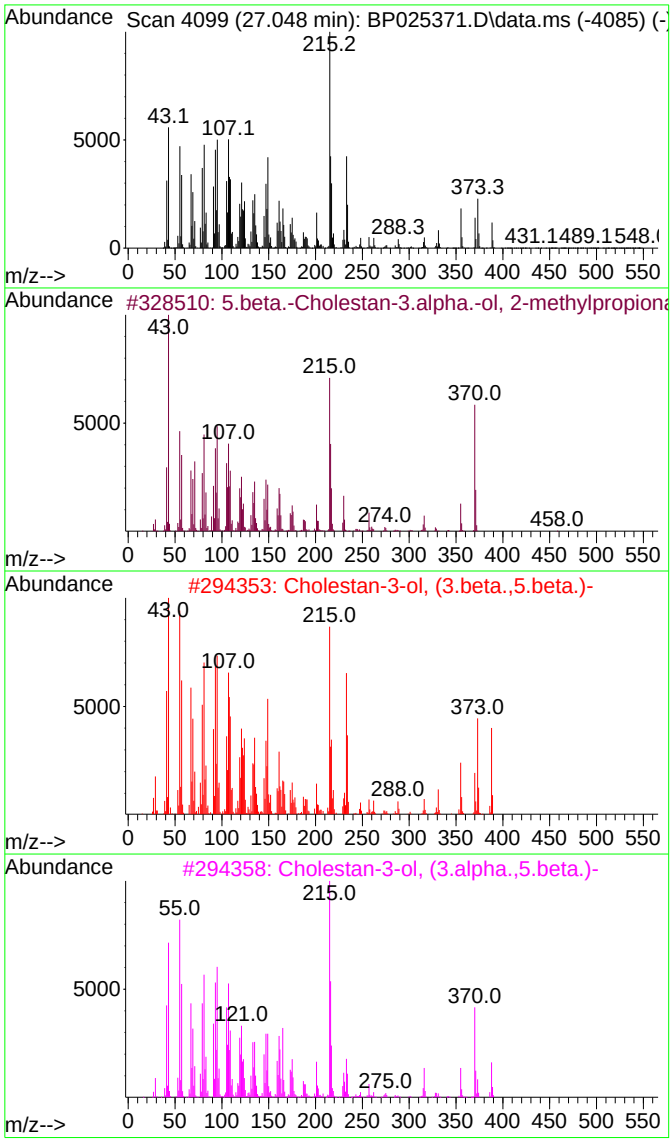
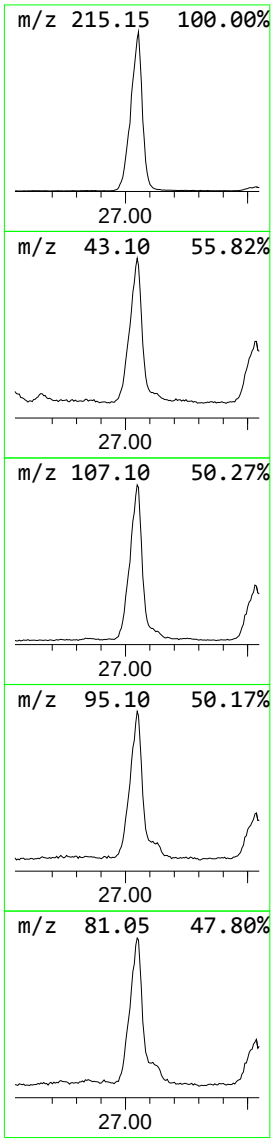
Peak Number 14 5.beta.-Cholestan-3.alpha.-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.048	164.74 ng	29421700	Perylene-d12	25.065

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5.beta.-Cholestan-3.alpha.-ol, 2...	458	C31H54O2	1000514-95-7	58
2	Cholestan-3-ol, (3.beta.,5.beta.)-	388	C27H48O	000360-68-9	55
3	Cholestan-3-ol, (3.alpha.,5.beta.)-	388	C27H48O	000516-92-7	50
4	Cholestanol	388	C27H48O	000080-97-7	46
5	5.beta.-Cholestan-3.alpha.-ol, a...	430	C29H50O2	033157-47-0	38





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Sample : Q2818-01
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ALS Vial : 13 Sample Multiplier: 1

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

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

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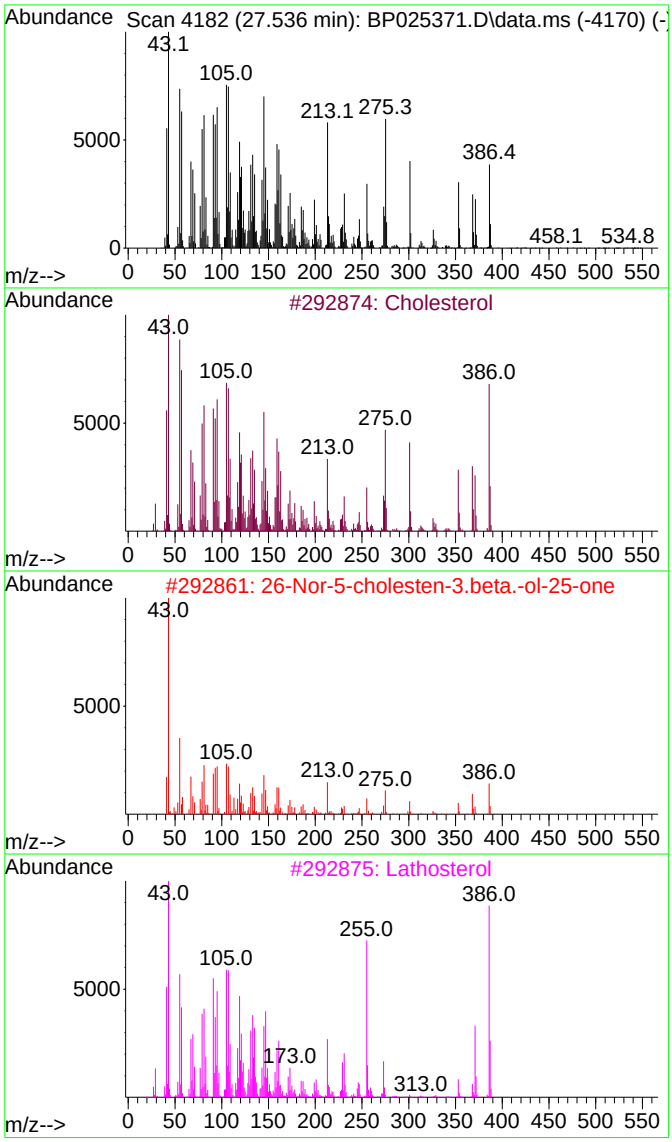
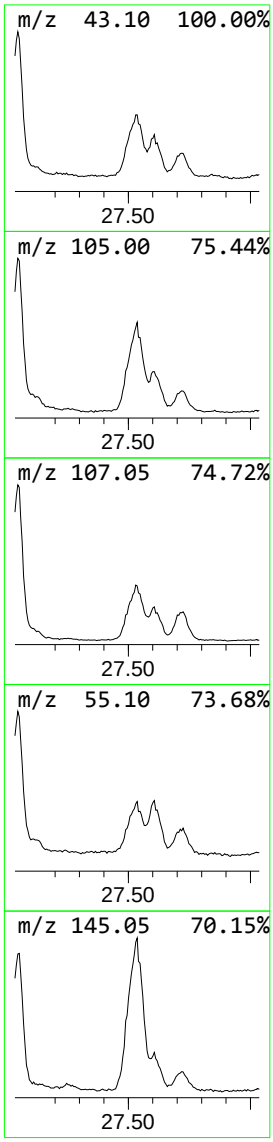
Peak Number 15 Cholesterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.536	65.54 ng	11705800	Perylene-d12	25.065

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholesterol	386	C27H46O	000057-88-5	99
2	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	99
3	Lathosterol	386	C27H46O	000080-99-9	89
4	Cholestane-3,5-diol, 5-acetate, ...	446	C29H50O3	041721-93-1	64
5	Cholest-5-en-3-ol, (3.alpha.)-	386	C27H46O	000474-77-1	53





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Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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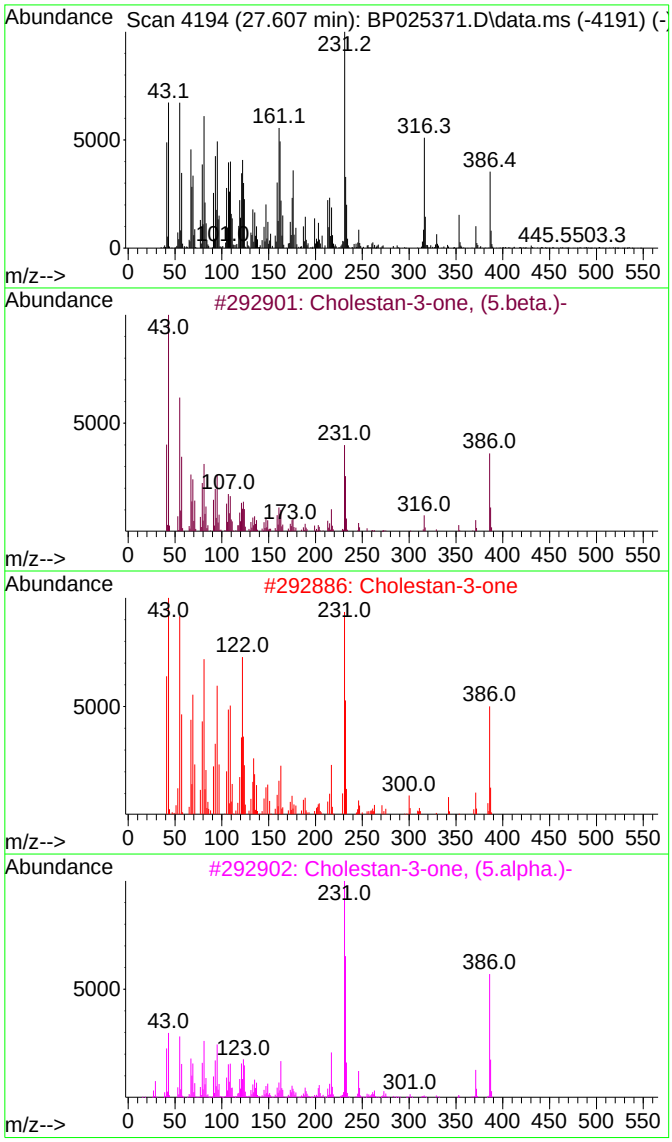
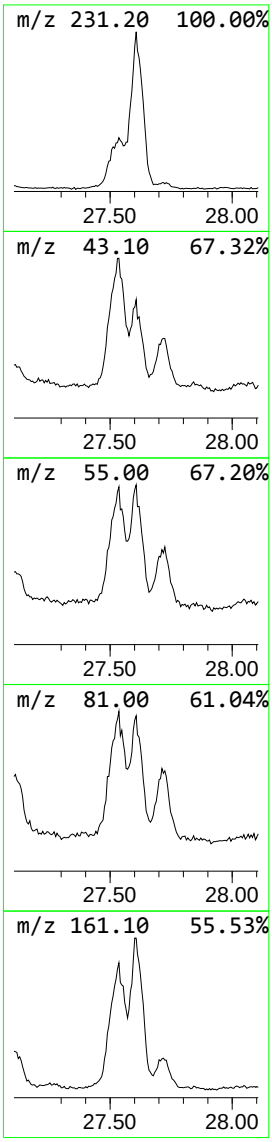
Peak Number 16 Cholestan-3-one, (5.beta.)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.607	29.90 ng	5340490	Perylene-d12	25.065

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-one, (5.beta.)-	386	C27H46O	000601-53-6	90
2	Cholestan-3-one	386	C27H46O	015600-08-5	60
3	Cholestan-3-one, (5.alpha.)-	386	C27H46O	000566-88-1	45
4	Cholestan-2-one	386	C27H46O	1010210-43-4	45
5	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	45





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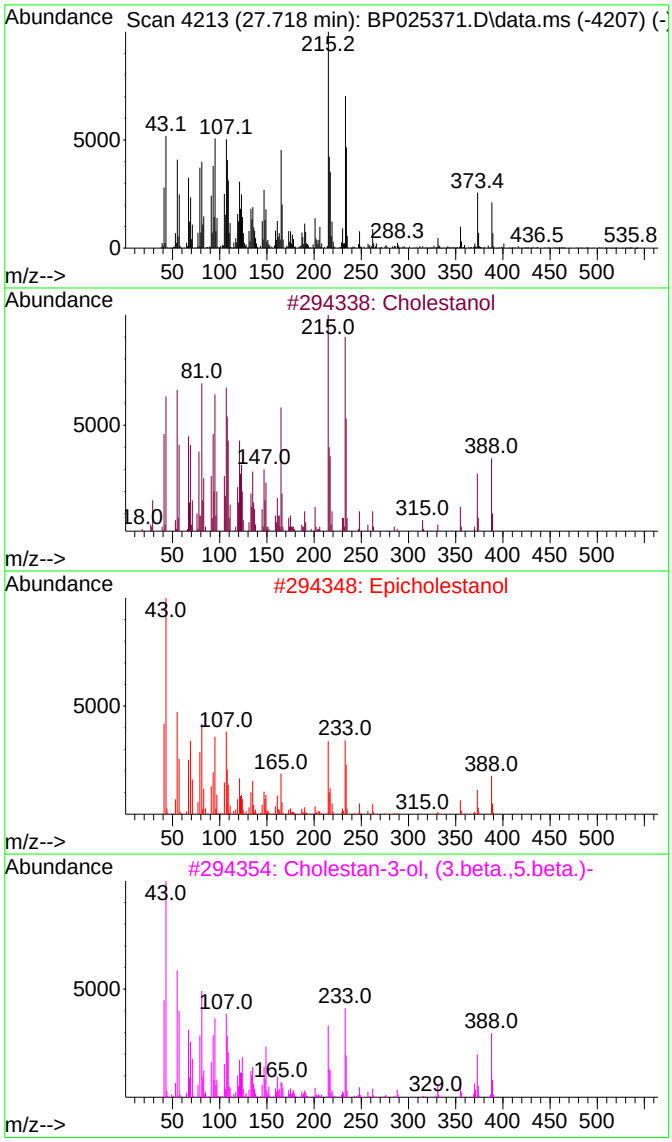
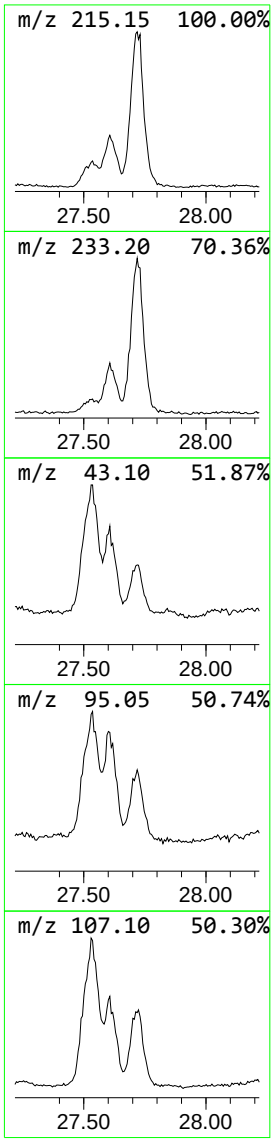
Peak Number 17 Epicholestanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.718	24.90 ng	4446920	Perylene-d12	25.065

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestanol	388	C27H48O	000080-97-7	99
2	Epicholestanol	388	C27H48O	000516-95-0	93
3	Cholestan-3-ol, (3.beta.,5.beta.)-	388	C27H48O	000360-68-9	58
4	Cholestan-3-ol	388	C27H48O	027409-41-2	49
5	4-Cholestanol	388	C27H48O	1000210-30-1	35





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TIC Library : C:\Database\NIST20.L
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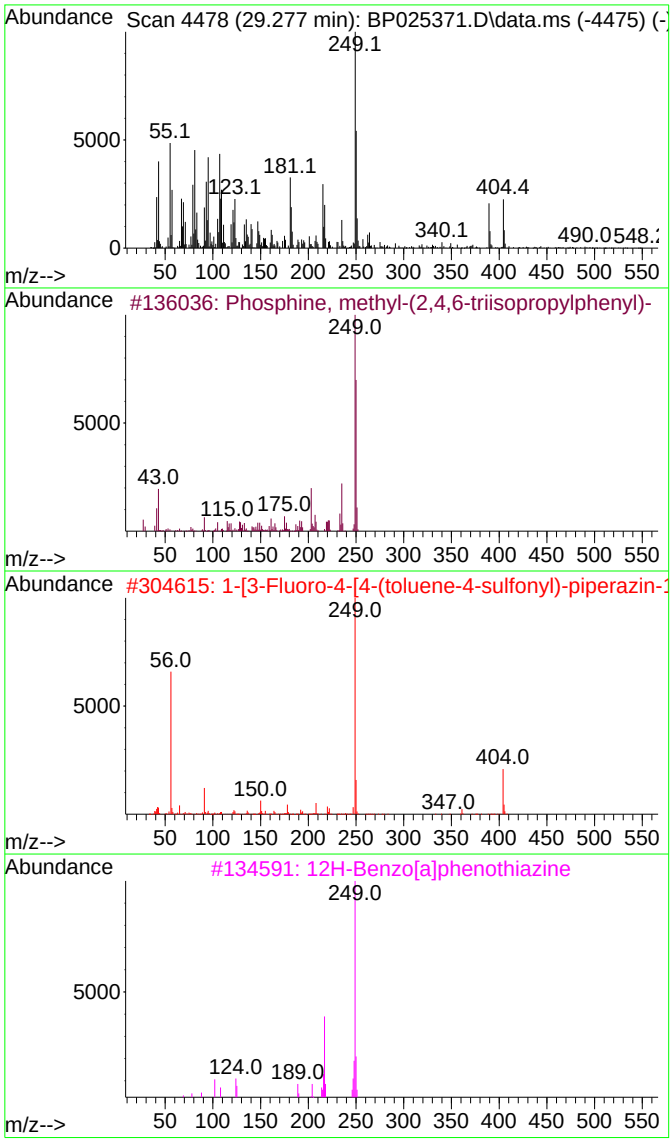
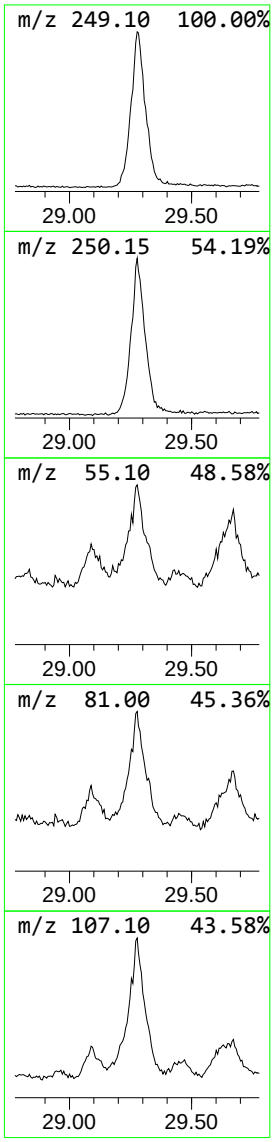
Peak Number 18 unknown29.277 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.277	26.22 ng	4682650	Perylene-d12	25.065

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphine, methyl-(2,4,6-triisop...	250	C16H27P	158748-69-7	38
2	1-[3-Fluoro-4-[4-(toluene-4-sulf...	404	C21H25FN2O3S	333751-65-8	30
3	12H-Benzo[a]phenothiazine	249	C16H11NS	000225-83-2	27
4	2-Thiazolamine, 4-(3,4-dimethoxy...	250	C12H14N2O2S	1000337-84-0	25
5	4-Methoxy-15,17-diazatetracyclo[...	250	C16H14N2O	1000459-82-6	25





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Data File : BP025371.D
Acq On : 12 Aug 2025 18:00
Operator : CG/JU
Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

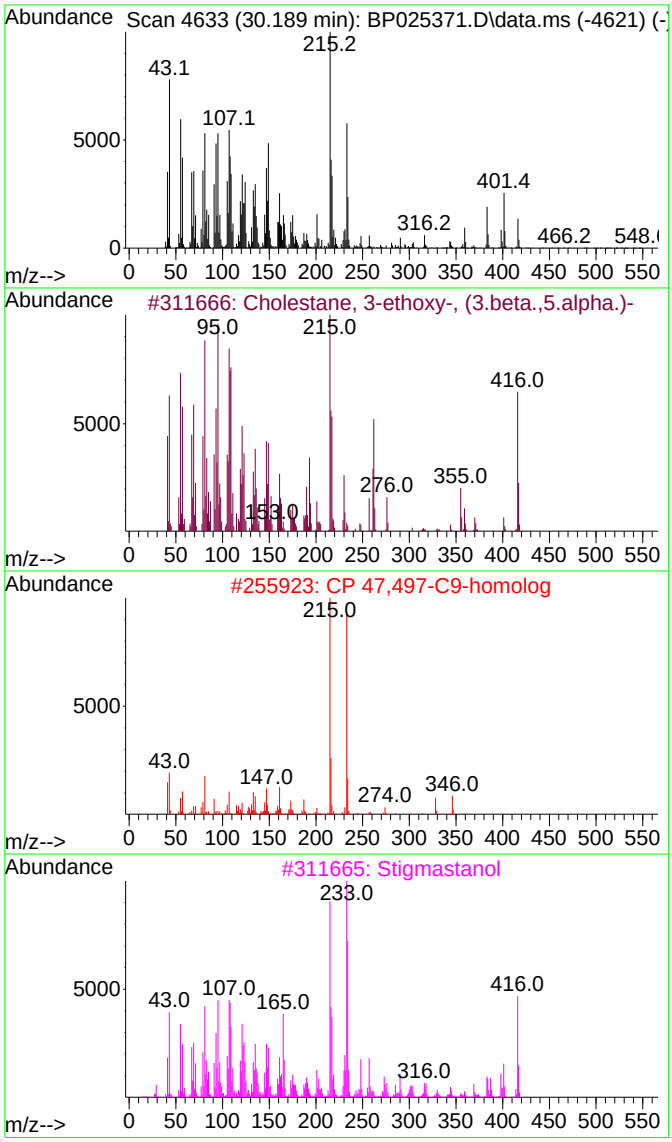
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

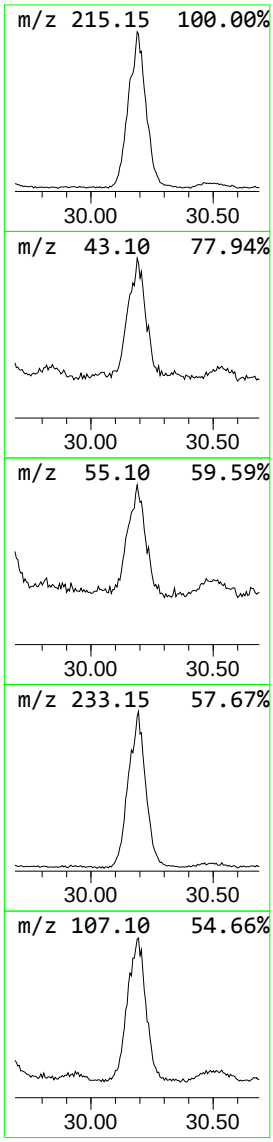
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Cholestane, 3-ethoxy-, (3.b... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.189	53.73 ng	9596110	Perylene-d12	25.065

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestane, 3-ethoxy-, (3.beta.,...	416	C29H52O	002089-02-3	55
2	CP 47,497-C9-homolog	346	C23H38O2	070435-08-4	43
3	Stigmastanol	416	C29H52O	019466-47-8	38
4	2-Thiophen-2-yl-imidazo[1,2-a]py...	215	C11H9N3S	1000300-55-5	22
5	Cyclopent[e]-1,3-oxazine, octahy...	216	C13H16N2O	1000138-92-2	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025371.D
Acq On : 12 Aug 2025 18:00
Operator : CG/JU
Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

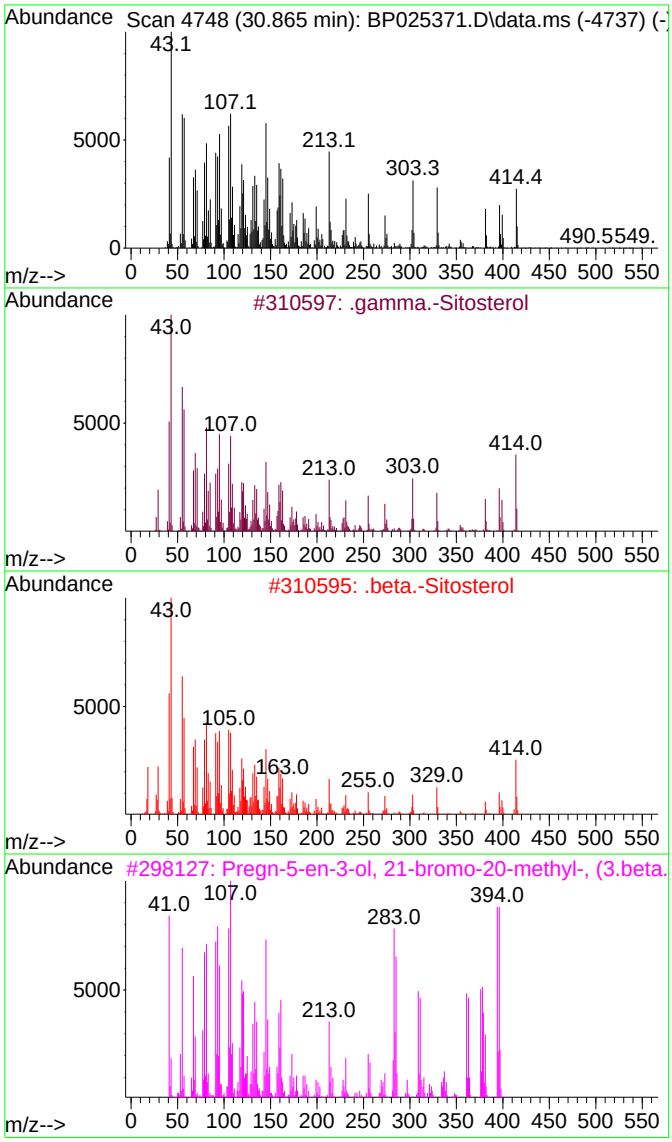
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

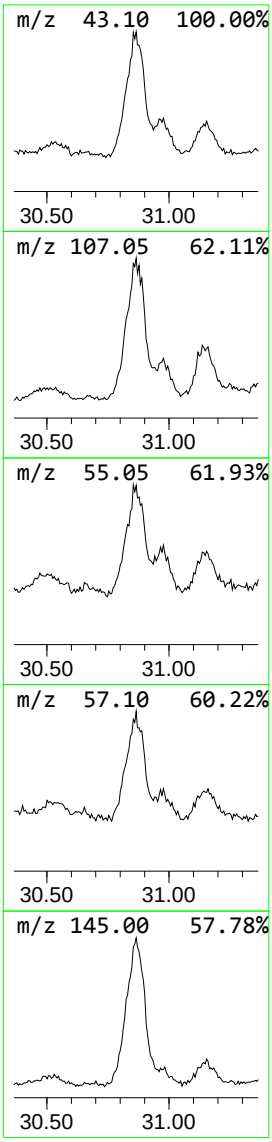
****

Peak Number 20 .gamma.-Sitosterol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.865	33.69 ng	6016290	Perylene-d12	25.065

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	95
3	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	92
4	(3S,8S,9S,10R,13R,14S,17R)-17-((...	414	C29H50O	029365-29-5	55
5	Campesterol	400	C28H48O	000474-62-4	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025371.D
Acq On : 12 Aug 2025 18:00
Operator : CG/JU
Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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...	3.049	20.2	ng	1347430	1	7.802	1333000	20.0
Oxime-, methoxy...	5.537	57.9	ng	3860440	1	7.802	1333000	20.0
Cyclotrisiloxan...	8.219	34.2	ng	2279450	1	7.802	1333000	20.0
trans-2-Phenyl-...	14.043	10.2	ng	1369320	3	14.419	2684990	20.0
n-Hexadecanoic ...	18.189	69.8	ng	11571700	4	17.225	3317370	20.0
Heptadecanoic acid	18.625	13.4	ng	2217660	4	17.225	3317370	20.0
Eicosane, 9-cyc...	18.683	6.2	ng	1021350	4	17.225	3317370	20.0
trans-13-Octade...	19.378	17.6	ng	2926180	4	17.225	3317370	20.0
Octadecanoic acid	19.507	57.6	ng	7351900	5	21.672	2551400	20.0
n-Decanoic acid	20.630	6.2	ng	784789	5	21.672	2551400	20.0
Dehydroabietic ...	21.295	11.3	ng	1435940	5	21.672	2551400	20.0
5-Eicosene, (E)-	21.342	6.7	ng	848665	5	21.672	2551400	20.0
Squalene	23.566	25.0	ng	4458580	6	25.065	3571900	20.0
5.beta.-Cholest...	27.048	164.7	ng	29421700	6	25.065	3571900	20.0
Cholesterol	27.536	65.5	ng	11705800	6	25.065	3571900	20.0
Cholestan-3-one...	27.607	29.9	ng	5340490	6	25.065	3571900	20.0
Epicholestanol	27.718	24.9	ng	4446920	6	25.065	3571900	20.0
unknown29.277	29.277	26.2	ng	4682650	6	25.065	3571900	20.0
Cholestane, 3-e...	30.189	53.7	ng	9596110	6	25.065	3571900	20.0
.gamma.-Sitosterol	30.865	33.7	ng	6016290	6	25.065	3571900	20.0