LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
Data File : BP008773.D
Acq On : 12 Jan 2022 14:41
Operator : CG/JU
Sample : N1097-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1D

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-BP010622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008773.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.064	8	13	32	rVB	3252390	4250329	18.49%	2.600%
2	5.452	411	419	434	rBV	5964955	9414088	40.95%	5.758%
3	7.040	680	689	701	rBV	5754732	9689620	42.15%	5.926%
4	7.863	822	829	837	rBV	1515608	2433694	10.59%	1.489%
5	9.022	1016	1026	1039	rBV	3746324	6314911	27.47%	3.862%
6	10.446	1261	1268	1284	rBV	1784036	2907411	12.65%	1.778%
7	10.663	1298	1305	1311	rBV	1996626	3424618	14.90%	2.095%
8	13.128	1716	1724	1739	rBV	10516229	15941557	69.34%	9.750%
9	13.410	1766	1772	1779	rBV	583028	868123	3.78%	0.531%
10	14.504	1948	1958	1964	rBV	3140702	4867763	21.17%	2.977%
11	14.563	1964	1968	1976	rVB	199435	304330	1.32%	0.186%
12	14.898	2020	2025	2035	rBV	288047	482226	2.10%	0.295%
13	15.469	2117	2122	2130	rVV	242463	382097	1.66%	0.234%
14	15.551	2131	2136	2147	rVB	237351	403615	1.76%	0.247%
15	15.992	2205	2211	2219	rVB	8703867	12771168	55.55%	7.811%
16	17.075	2391	2395	2405	rVB	147622	258610	1.12%	0.158%
17	17.257	2419	2426	2430	rBV	3911732	5975903	25.99%	3.655%
18	17.298	2430	2433	2439	rVV	2269961	2977732	12.95%	1.821%
19	17.386	2439	2448	2453	rVB	538969	888198	3.86%	0.543%
20	17.657	2486	2494	2499	rBV2	258574	533782	2.32%	0.326%
21	17.933	2537	2541	2546	rVB	341549	415697	1.81%	0.254%
22	18.122	2569	2573	2575	rBV	293405	393693	1.71%	0.241%
23	18.151	2575	2578	2589	rVV2	1158018	2110719	9.18%	1.291%
24	18.251	2590	2595	2600	rVV	173595	280455	1.22%	0.172%
25	18.310	2600	2605	2609	rVV2	456743	832524	3.62%	0.509%
26	18.351	2609	2612	2618	rVB2	272067	516937	2.25%	0.316%
27	18.433	2620	2626	2634	rBV7	99437	280515	1.22%	0.172%
28	18.604	2651	2655	2659	rBV	242883	325847	1.42%	0.199%
29	18.645	2659	2662	2668	rVV	191199	276247	1.20%	0.169%
30	18.704	2668	2672	2683	rVB2	336540	530175	2.31%	0.324%
31	18.975	2714	2718	2721	rBV	178451	242325	1.05%	0.148%
32	19.033	2721	2728	2730	rVV2	425895	751247	3.27%	0.459%
33	19.063	2730	2733	2737	rVB	1672406	1929130	8.39%	1.180%
34	19.192	2752	2755	2760	rVB	403259	438677	1.91%	0.268%
35	19.269	2760	2768	2774	rBV	3884938	5938360	25.83%	3.632%
36	19.322	2774	2777	2781	rVV2	242243	336308	1.46%	0.206%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
Data File : BP008773.D
Acq On : 12 Jan 2022 14:41
Operator : CG/JU
Sample : N1097-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1D

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-BP010622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.380	2781	2787	2795	rVB3	311571	634322	2.76%	0.388%
38	19.586	2818	2822	2823	rBV	592754	635781	2.77%	0.389%
39	19.616	2823	2827	2836	rVV	2916124	4296130	18.69%	2.628%
40	19.686	2836	2839	2845	rVB3	168372	263042	1.14%	0.161%
41	19.816	2854	2861	2866	rBV	18117280	22990270	100.00%	14.062%
42	19.933	2876	2881	2888	rBV2	228158	592854	2.58%	0.363%
43	20.028	2893	2897	2900	rBV	432259	547426	2.38%	0.335%
44	20.098	2905	2909	2915	rVB	472939	802009	3.49%	0.491%
45	20.198	2922	2926	2930	rBV	403365	522314	2.27%	0.319%
46	20.257	2931	2936	2941	rBV2	315516	534186	2.32%	0.327%
47	20.439	2963	2967	2971	rVV2	366272	519706	2.26%	0.318%
48	21.057	3069	3072	3079	rVB4	1068694	1539304	6.70%	0.941%
49	21.122	3080	3083	3091	rVB2	273324	362246	1.58%	0.222%
50	21.345	3114	3121	3125	rBV2	5270093	8909067	38.75%	5.449%
51	21.380	3125	3127	3133	rVB	1311236	1391619	6.05%	0.851%
52	21.463	3136	3141	3146	rBV	4992531	6878145	29.92%	4.207%
53	22.610	3332	3336	3345	rVB	1103243	1705687	7.42%	1.043%
54	23.033	3402	3408	3413	rBV	1078349	2577194	11.21%	1.576%
55	23.657	3510	3514	3523	rVB	804467	1582458	6.88%	0.968%
56	23.768	3526	3533	3540	rBV2	2631948	5524280	24.03%	3.379%

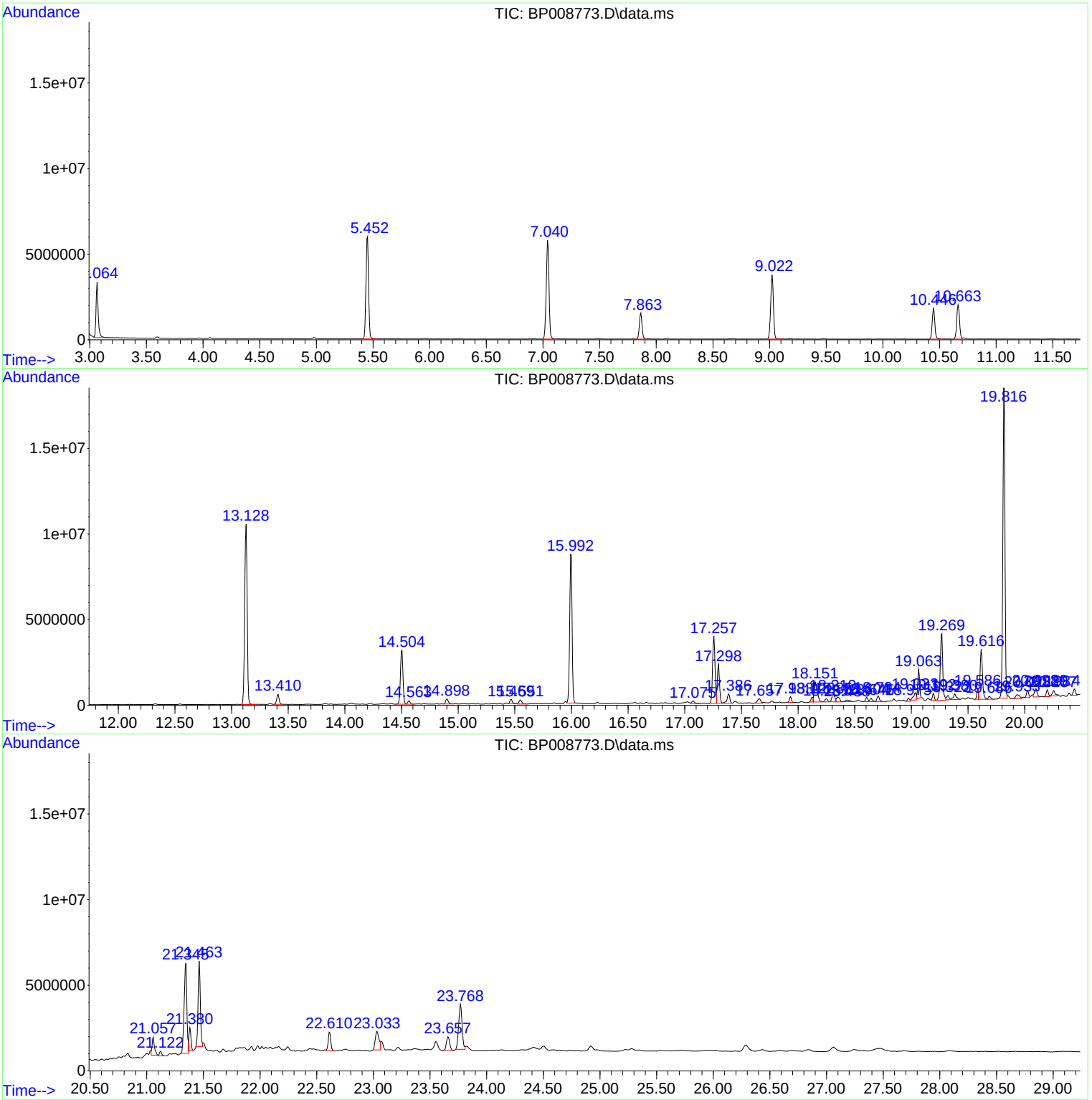
Sum of corrected areas: 163496671

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
Data File : BP008773.D
Acq On : 12 Jan 2022 14:41
Operator : CG/JU
Sample : N1097-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.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\BP011222\
Data File : BP008773.D
Acq On : 12 Jan 2022 14:41
Operator : CG/JU
Sample : N1097-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

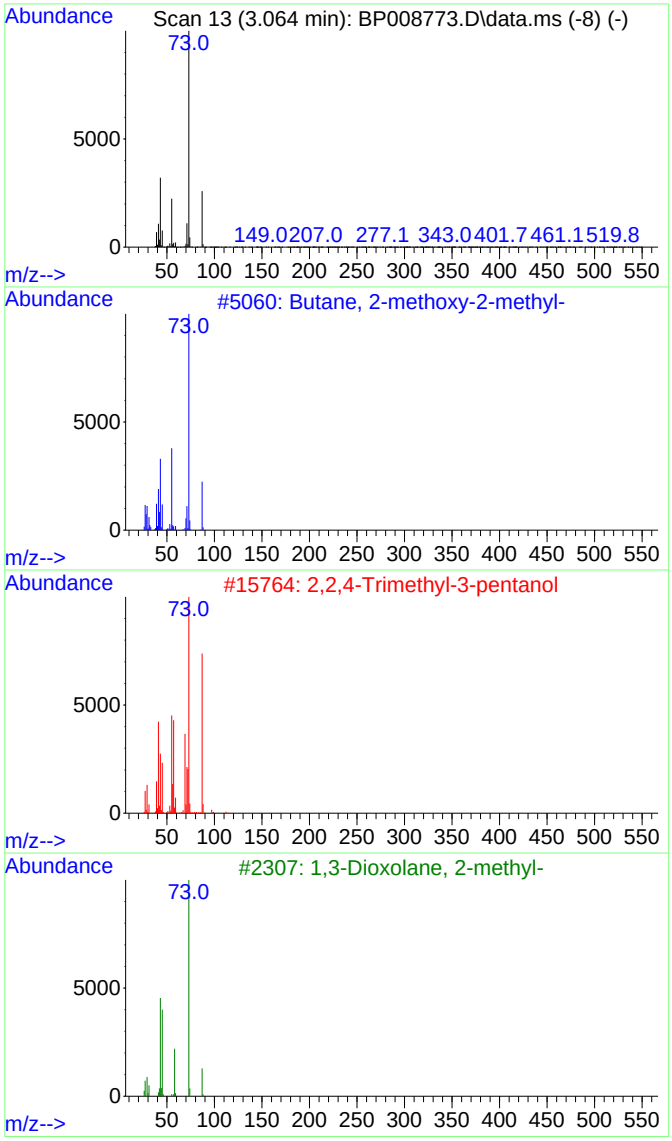
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

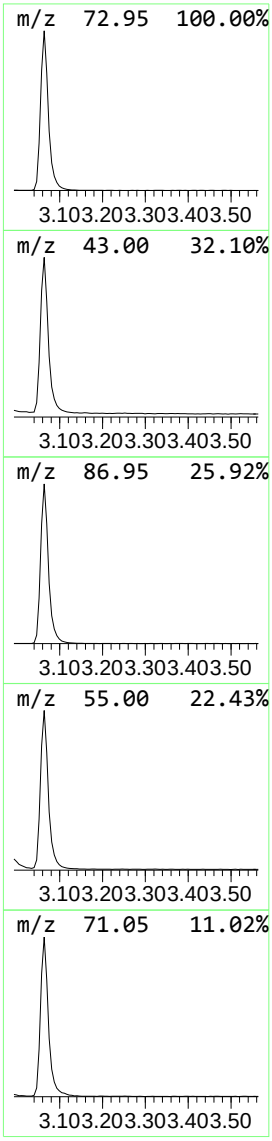
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.064	34.93 ng	4250330	1,4-Dichlorobenzene-d4	7.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
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	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
Data File : BP008773.D
Acq On : 12 Jan 2022 14:41
Operator : CG/JU
Sample : N1097-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

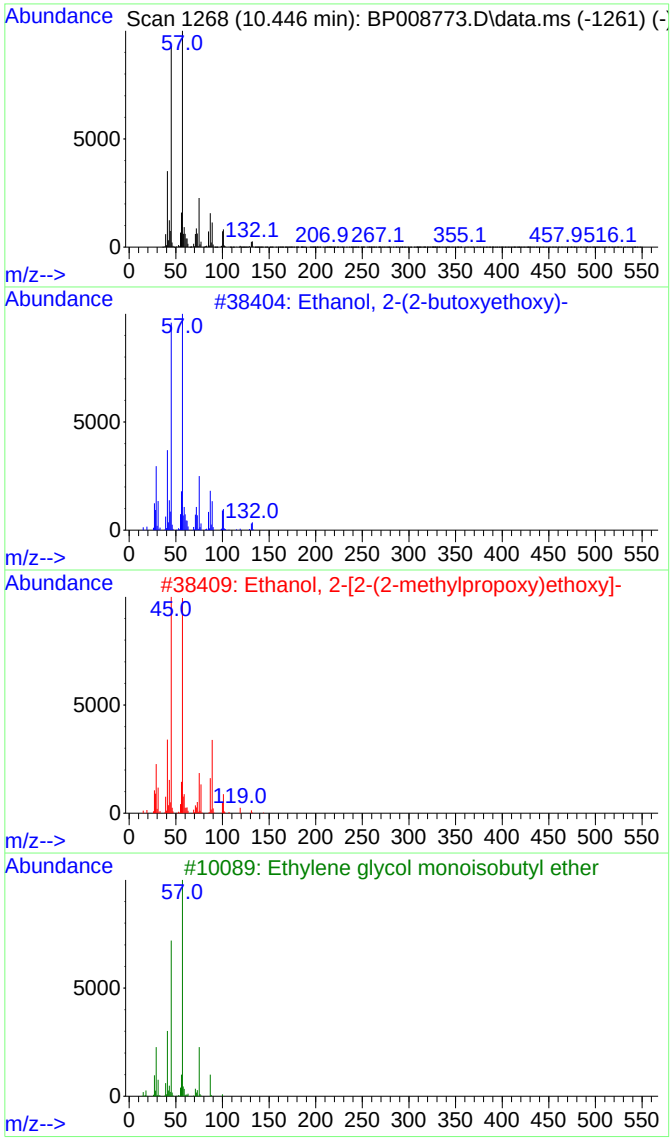
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

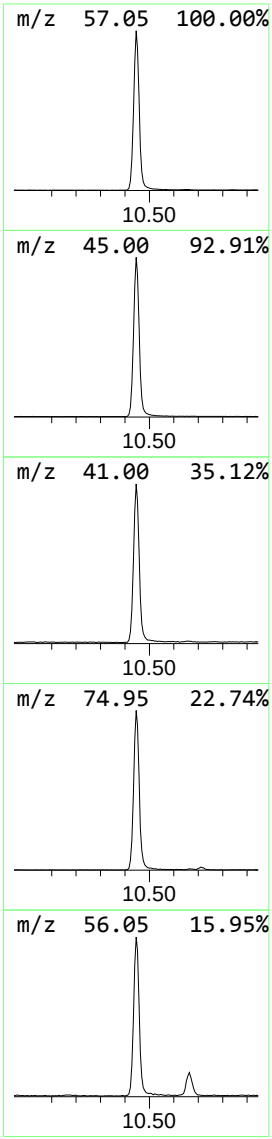
****

Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.446	16.98 ng	2907410	Naphthalene-d8	10.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	91
2	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	72
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	52
5	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
Data File : BP008773.D
Acq On : 12 Jan 2022 14:41
Operator : CG/JU
Sample : N1097-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1D

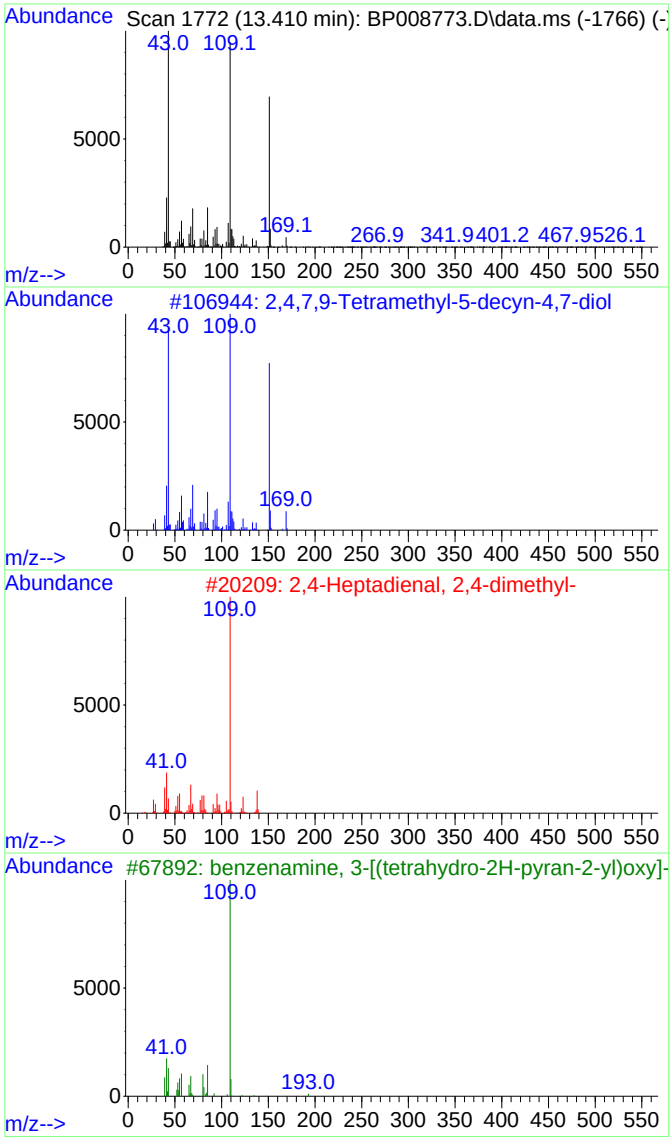
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

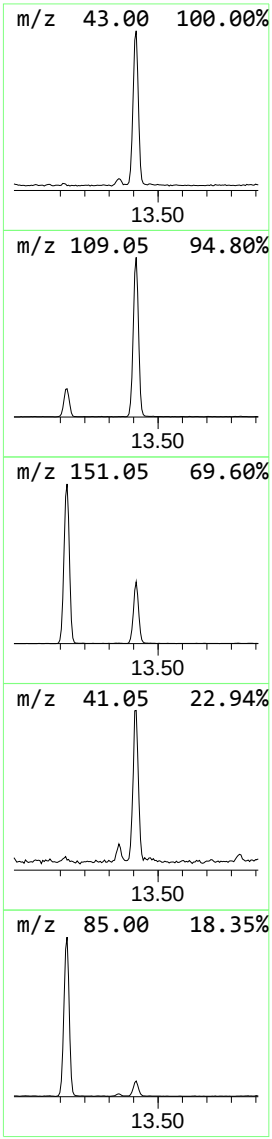
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.410	3.57 ng	868123	Acenaphthene-d10	14.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	2,4-Heptadienal, 2,4-dimethyl-	138	C9H14O	042452-48-2	43
3	benzenamine, 3-[(tetrahydro-2H-p...	193	C11H15NO2	1010400-28-1	38
4	1,2,4-Oxadiazol-5-amine, 3-(4-am...	276	C11H9FN6O2	1000351-27-3	38
5	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
Data File : BP008773.D
Acq On : 12 Jan 2022 14:41
Operator : CG/JU
Sample : N1097-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

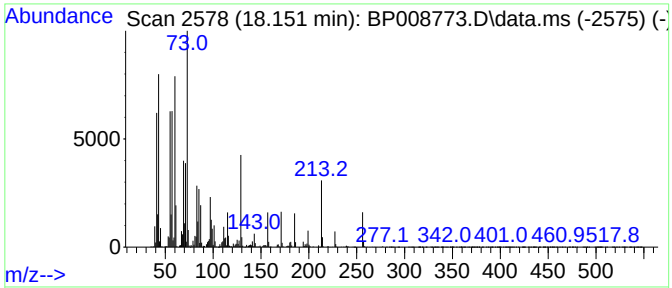
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

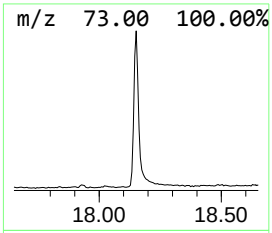
****

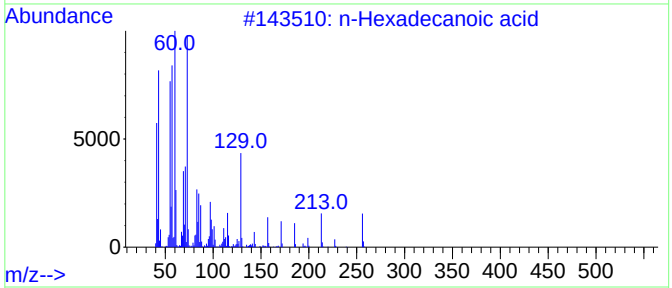
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

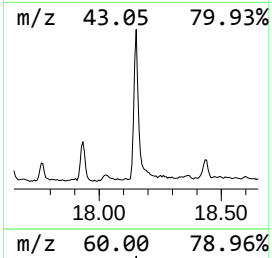
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	7.06 ng	2110720	Phenanthrene-d10	17.257

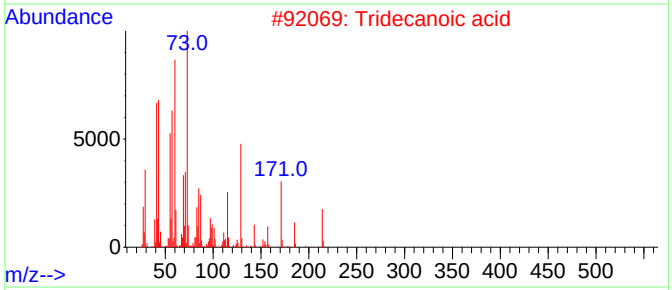
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Undecanoic acid	186	C11H22O2	000112-37-8	83

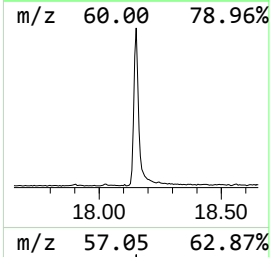


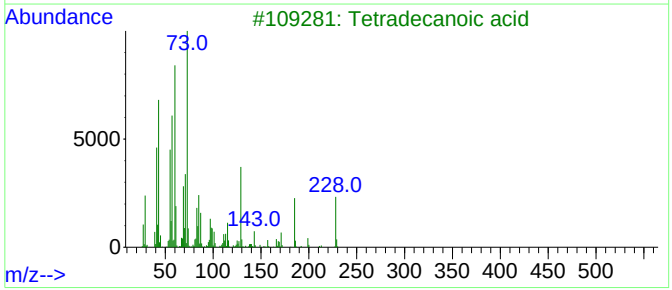


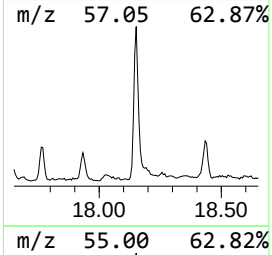


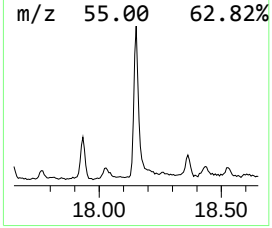












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Acq On : 12 Jan 2022 14:41
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
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TP-1D

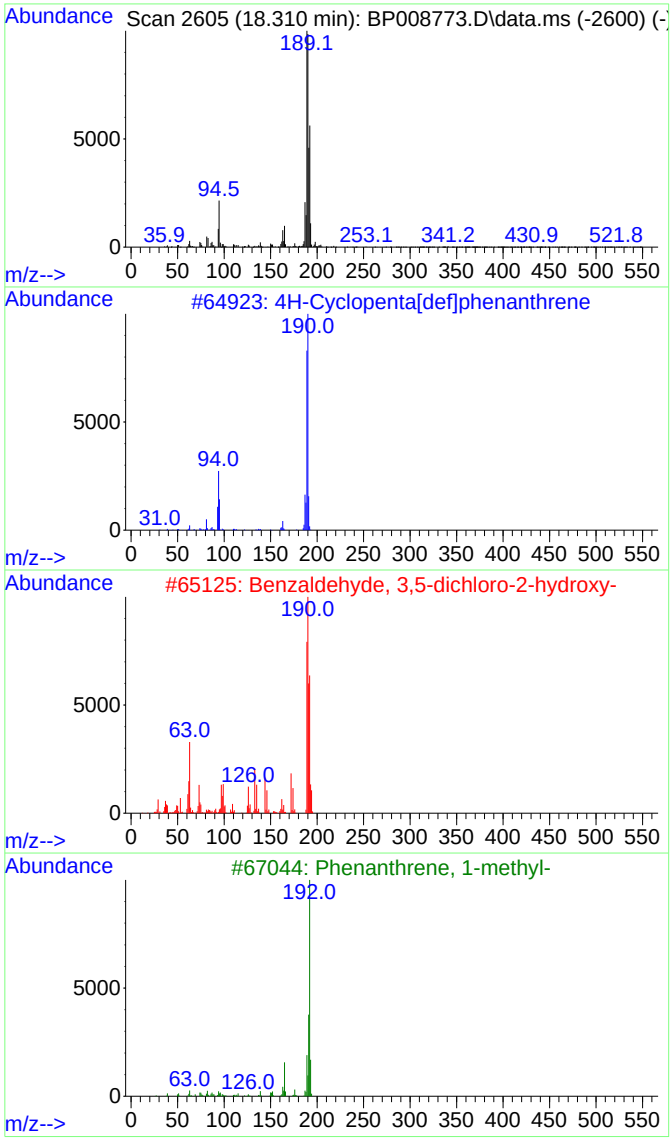
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

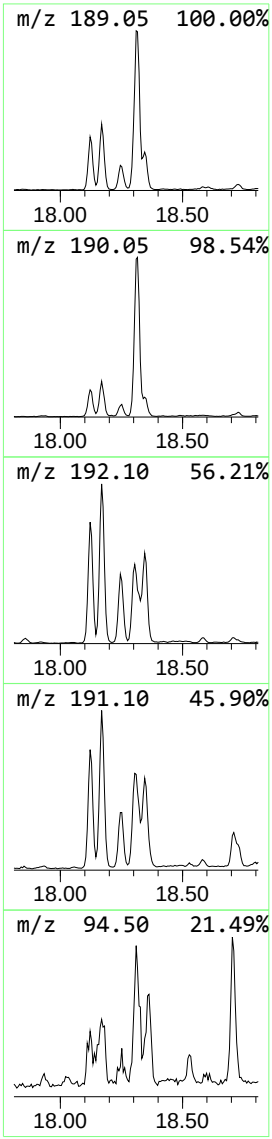
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.310	2.79 ng	832524	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	52
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
Data File : BP008773.D
Acq On : 12 Jan 2022 14:41
Operator : CG/JU
Sample : N1097-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1D

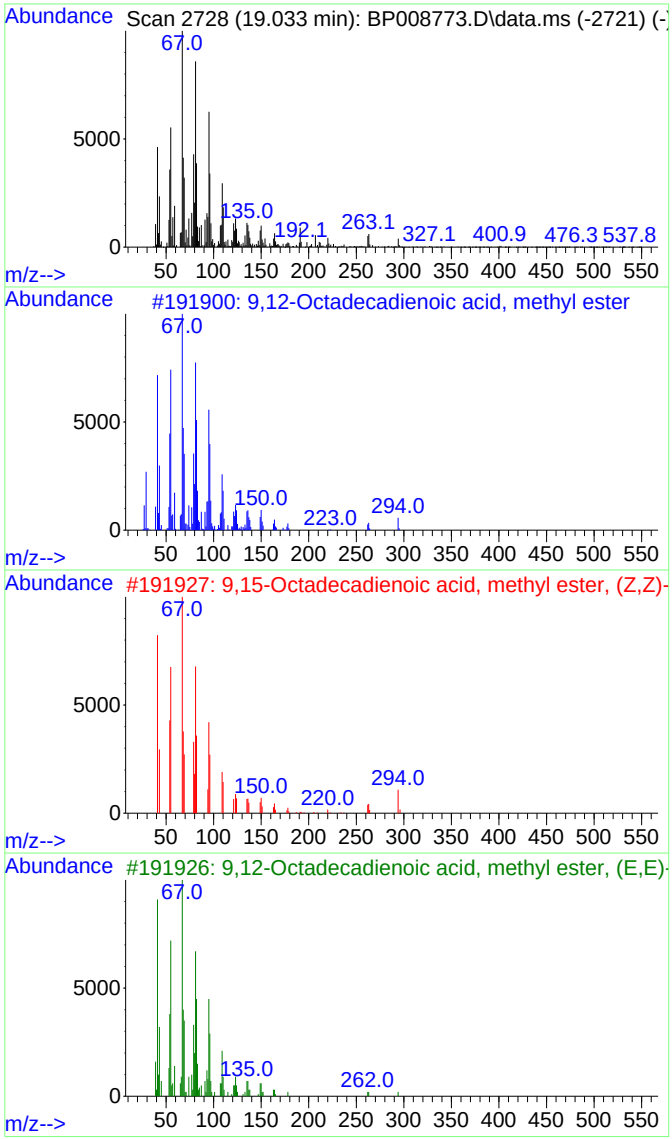
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

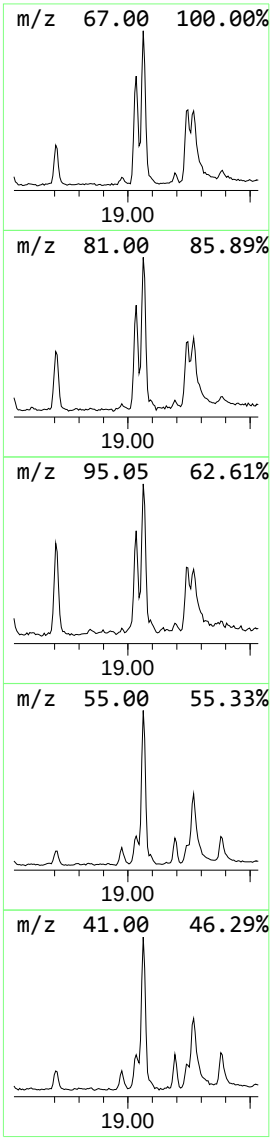
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 9,12-Octadecadienoic acid, ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.033	2.51 ng	751247	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	98
4	9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	98
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98





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Data File : BP008773.D
Acq On : 12 Jan 2022 14:41
Operator : CG/JU
Sample : N1097-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1D

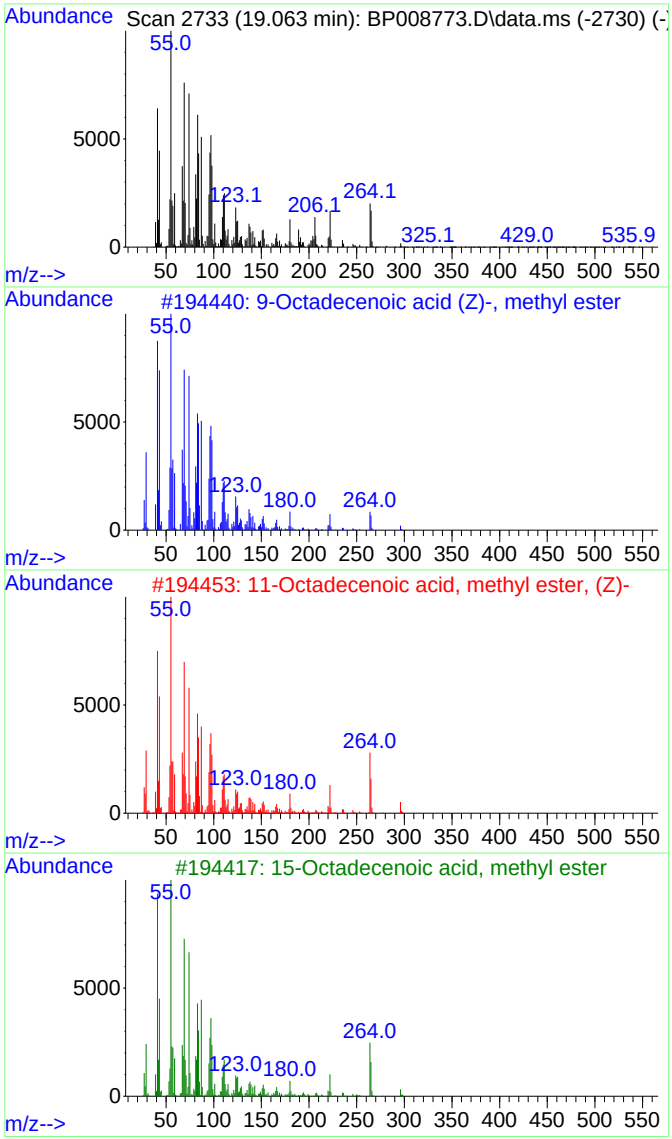
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

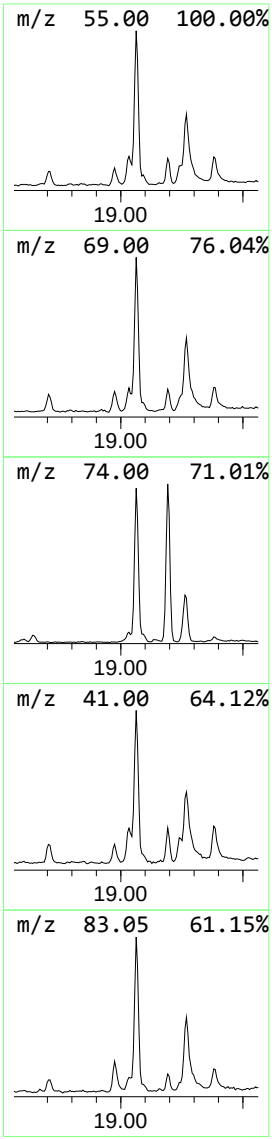
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 9-Octadecenoic acid (Z)-, m... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.063	6.46 ng	1929130	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
4	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99





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Operator : CG/JU
Sample : N1097-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

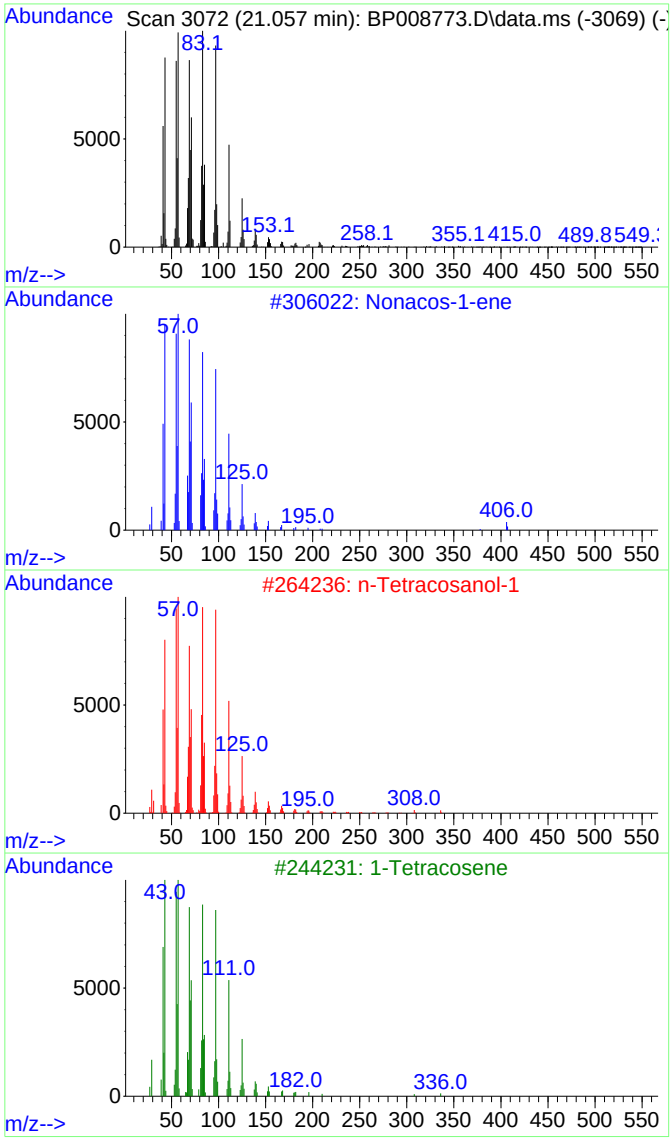
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

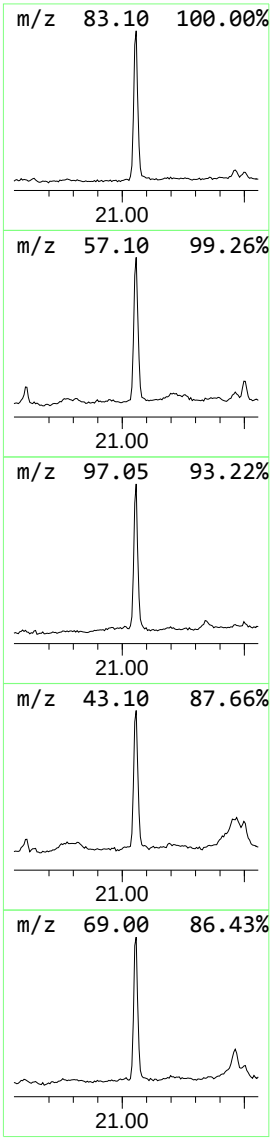
****

Peak Number 8 Nonacos-1-ene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.057	3.46 ng	1539300	Chrysene-d12	21.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacos-1-ene	406	C29H58	018835-35-3	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3	1-Tetracosene	336	C24H48	010192-32-2	93
4	1-Hexacosene	364	C26H52	018835-33-1	93
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	93





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Data File : BP008773.D
Acq On : 12 Jan 2022 14:41
Operator : CG/JU
Sample : N1097-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1D

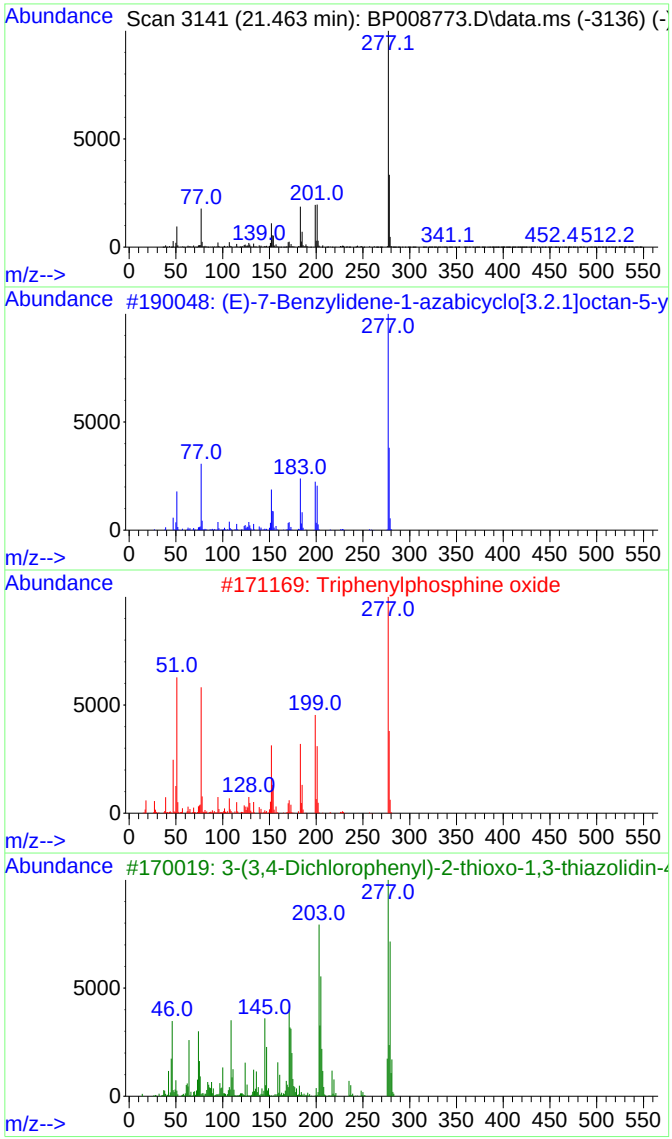
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

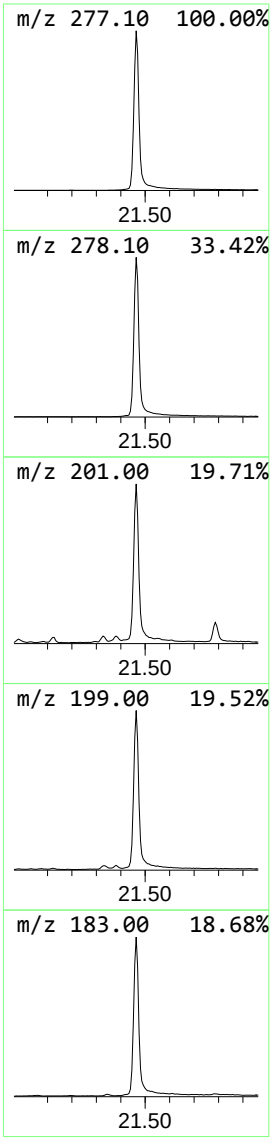
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (E)-7-Benzylidene-1-azabicy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.463	15.44 ng	6878150	Chrysene-d12	21.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	90
2	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	72
3	3-(3,4-Dichlorophenyl)-2-thioxo-...	277	C9H5Cl2NOS2	017046-34-3	32
4	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	28
5	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	25





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Data File : BP008773.D
Acq On : 12 Jan 2022 14:41
Operator : CG/JU
Sample : N1097-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.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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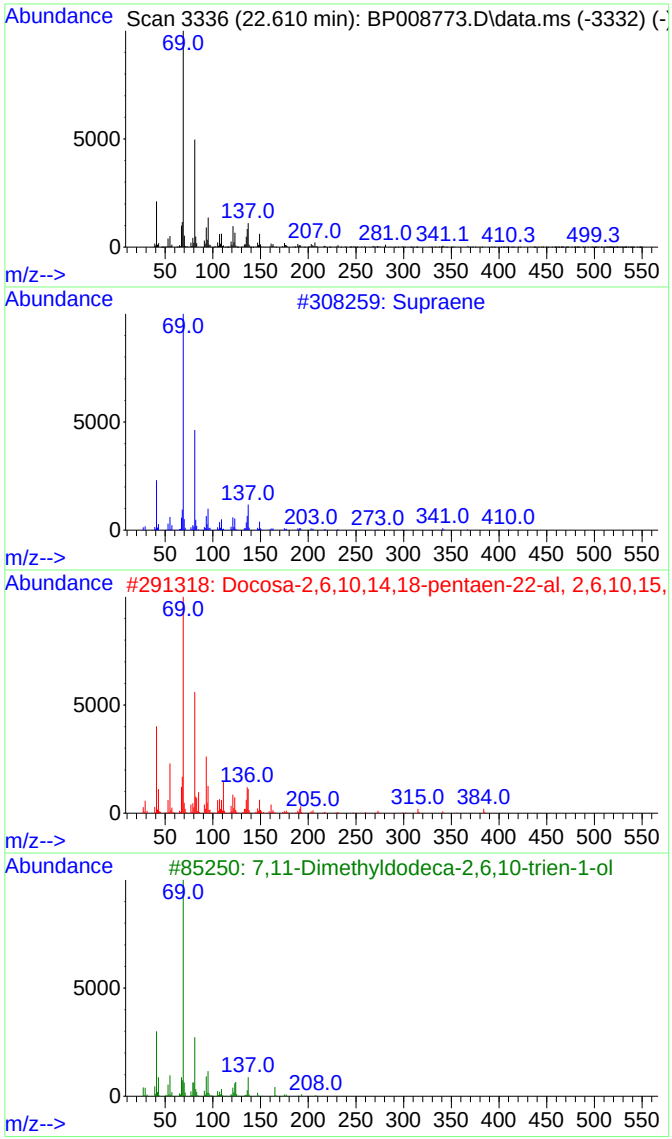
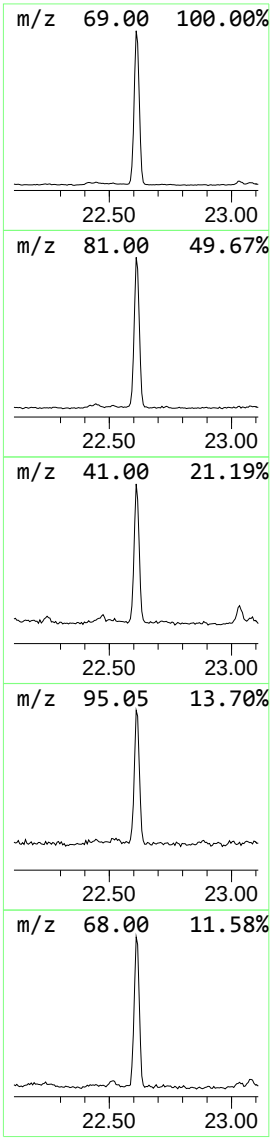
Peak Number 10 Supraene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.610	6.18 ng	1705690	Perylene-d12	23.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	90
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
4	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64
5	(3E,7E)-4,8,12-Trimethyltrideca-...	218	C16H26	062235-06-7	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
Data File : BP008773.D
Acq On : 12 Jan 2022 14:41
Operator : CG/JU
Sample : N1097-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.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...	3.064	34.9	ng	4250330	1	7.863	2433690	20.0
Ethanol, 2-(2-b...	10.446	17.0	ng	2907410	2	10.663	3424620	20.0
2,4,7,9-Tetrame...	13.410	3.6	ng	868123	3	14.504	4867760	20.0
n-Hexadecanoic ...	18.151	7.1	ng	2110720	4	17.257	5975900	20.0
4H-Cyclopenta[d...	18.310	2.8	ng	832524	4	17.257	5975900	20.0
9,12-Octadecadi...	19.033	2.5	ng	751247	4	17.257	5975900	20.0
9-Octadecenoic ...	19.063	6.5	ng	1929130	4	17.257	5975900	20.0
Nonacos-1-ene	21.057	3.5	ng	1539300	5	21.345	8909070	20.0
(E)-7-Benzylide...	21.463	15.4	ng	6878150	5	21.345	8909070	20.0
Supraene	22.610	6.2	ng	1705690	6	23.769	5524280	20.0