LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009515.D
Acq On : 23 Mar 2022 20:19
Operator : CG/JU
Sample : N2070-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VNJ-212

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-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009515.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.034	5	8	13	rBV	484174	643954	2.58%	0.389%
2	5.393	402	409	430	rBV	5687087	9743202	39.11%	5.890%
3	6.975	669	678	702	rBV	5674719	10681166	42.87%	6.457%
4	7.787	808	816	827	rBV	1504886	2613814	10.49%	1.580%
5	8.946	1004	1013	1030	rBV	3688876	6984814	28.03%	4.223%
6	10.581	1283	1291	1309	rBV	1996760	3951536	15.86%	2.389%
7	13.051	1703	1711	1734	rBV	10798252	17060236	68.47%	10.314%
8	14.151	1892	1898	1913	rVB	164732	313960	1.26%	0.190%
9	14.434	1938	1946	1953	rBV	3364001	5554764	22.29%	3.358%
10	15.934	2191	2201	2215	rBV	8812112	14453604	58.01%	8.738%
11	17.192	2408	2415	2420	rBV	4232903	6861237	27.54%	4.148%
12	17.234	2420	2422	2430	rVV	1006529	1437346	5.77%	0.869%
13	17.328	2434	2438	2445	rVB	274699	464107	1.86%	0.281%
14	18.069	2559	2564	2566	rBV	218910	309442	1.24%	0.187%
15	18.110	2566	2571	2581	rVB2	1135860	1906742	7.65%	1.153%
16	18.257	2591	2596	2600	rBV2	442496	779531	3.13%	0.471%
17	18.292	2600	2602	2609	rVB	211423	275924	1.11%	0.167%
18	18.516	2636	2640	2644	rBV3	197516	256772	1.03%	0.155%
19	18.963	2710	2716	2729	rBV3	1271158	3658531	14.68%	2.212%
20	19.098	2735	2739	2746	rBV	367777	606879	2.44%	0.367%
21	19.216	2754	2759	2767	rBV	4860115	6753847	27.11%	4.083%
22	19.351	2778	2782	2788	rVB2	222647	424431	1.70%	0.257%
23	19.457	2797	2800	2809	rVB3	315035	547135	2.20%	0.331%
24	19.569	2810	2819	2828	rBV	4332674	7796815	31.29%	4.714%
25	19.645	2829	2832	2839	rVB2	214043	389358	1.56%	0.235%
26	19.775	2846	2854	2859	rBV	18791372	24914903	100.00%	15.063%
27	19.898	2869	2875	2881	rBV2	367357	873500	3.51%	0.528%
28	20.057	2893	2902	2913	rBV	743246	1774288	7.12%	1.073%
29	20.157	2915	2919	2923	rBV	673554	859607	3.45%	0.520%
30	20.216	2925	2929	2932	rVV2	377229	499969	2.01%	0.302%
31	20.351	2949	2952	2956	rBV	368990	469562	1.88%	0.284%
32	20.398	2957	2960	2964	rVB2	292502	373521	1.50%	0.226%
33	20.798	3025	3028	3034	rVB	336737	499479	2.00%	0.302%
34	20.957	3052	3055	3059	rBV	389981	572384	2.30%	0.346%
35	20.998	3059	3062	3065	rVV	433369	560374	2.25%	0.339%
36	21.051	3065	3071	3089	rVB5	1435617	4510138	18.10%	2.727%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009515.D
Acq On : 23 Mar 2022 20:19
Operator : CG/JU
Sample : N2070-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-212

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-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	21.310	3108	3115	3119	rBV2	5426625	10478415	42.06%	6.335%
38	21.345	3119	3121	3131	rVB	2325300	2997994	12.03%	1.812%
39	21.469	3139	3142	3149	rBV	389687	534309	2.14%	0.323%
40	22.986	3394	3400	3405	rBV	1515441	3748596	15.05%	2.266%
41	23.604	3500	3505	3514	rVB	1010857	2194423	8.81%	1.327%
42	23.710	3517	3523	3530	rVV2	2461814	5078094	20.38%	3.070%

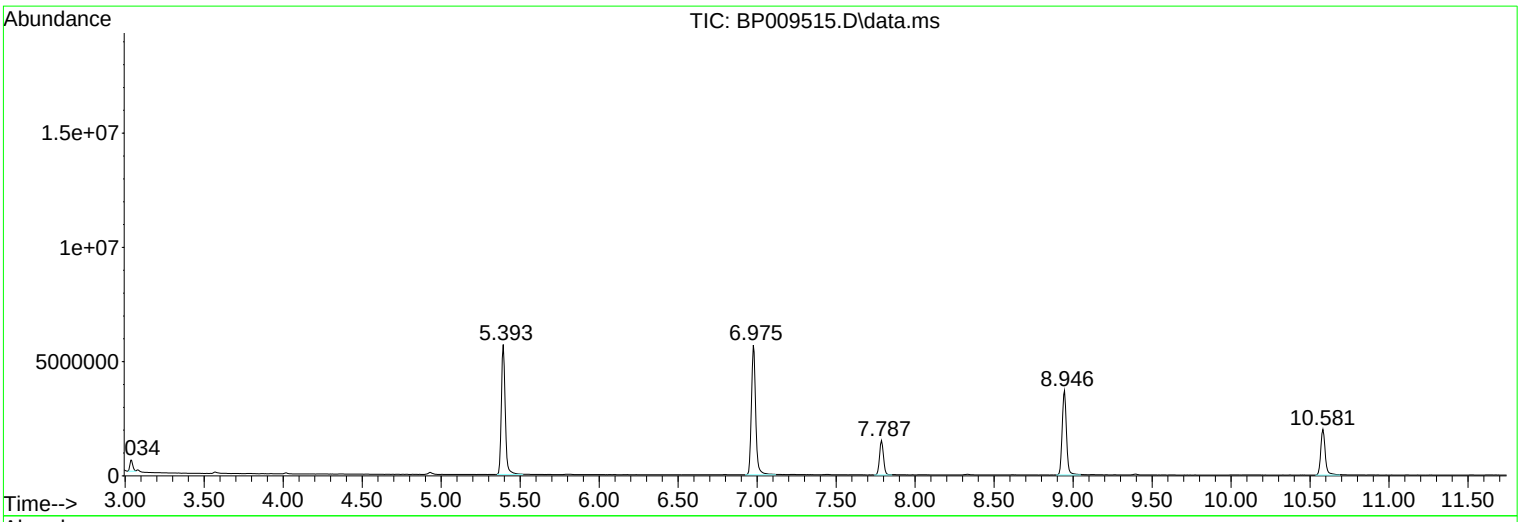
Sum of corrected areas: 165408703

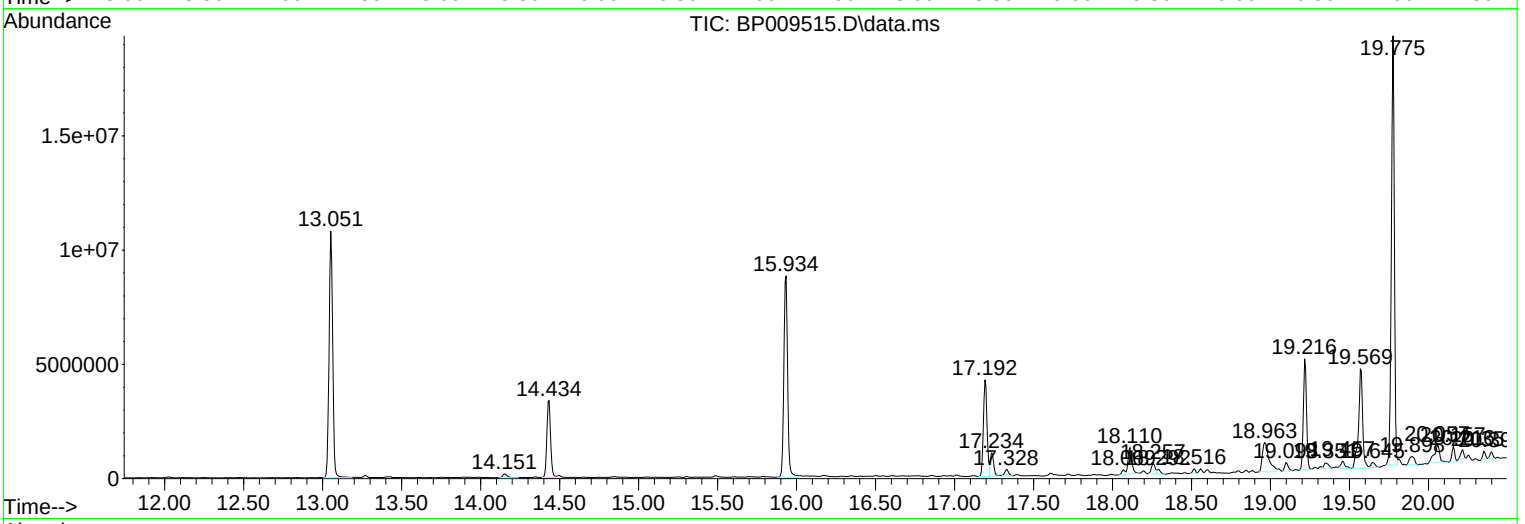
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009515.D
Acq On : 23 Mar 2022 20:19
Operator : CG/JU
Sample : N2070-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

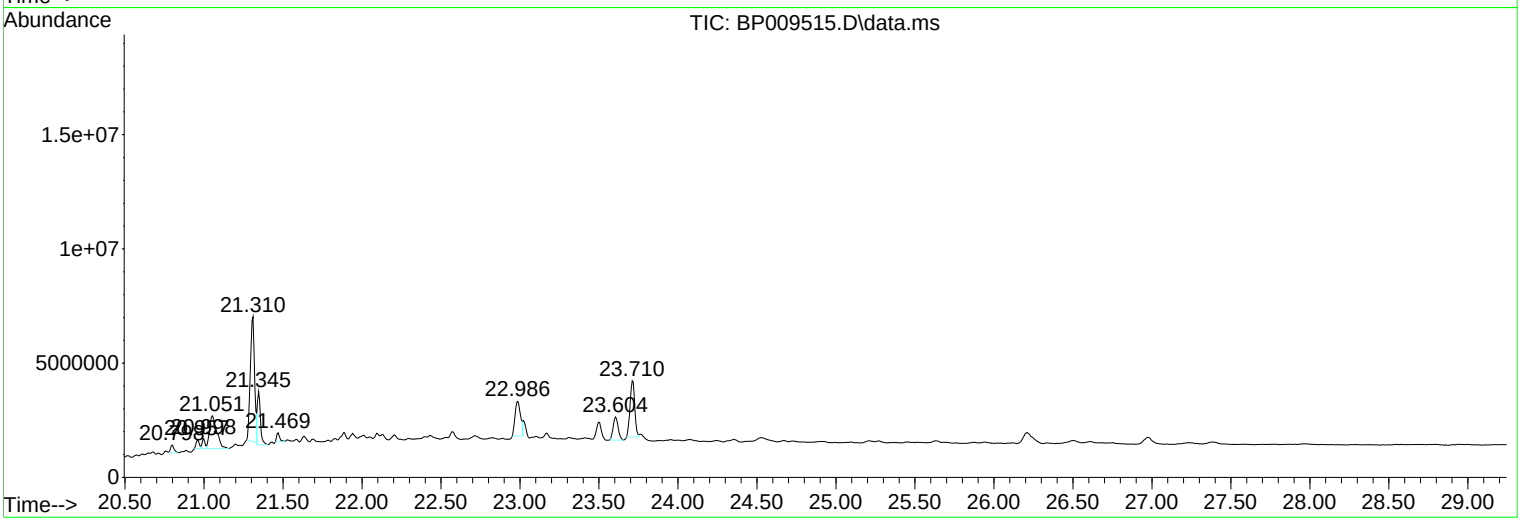
Instrument :
BNA_P
ClientSampleId :
VNJ-212

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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\BP032322\
Data File : BP009515.D
Acq On : 23 Mar 2022 20:19
Operator : CG/JU
Sample : N2070-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-212

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

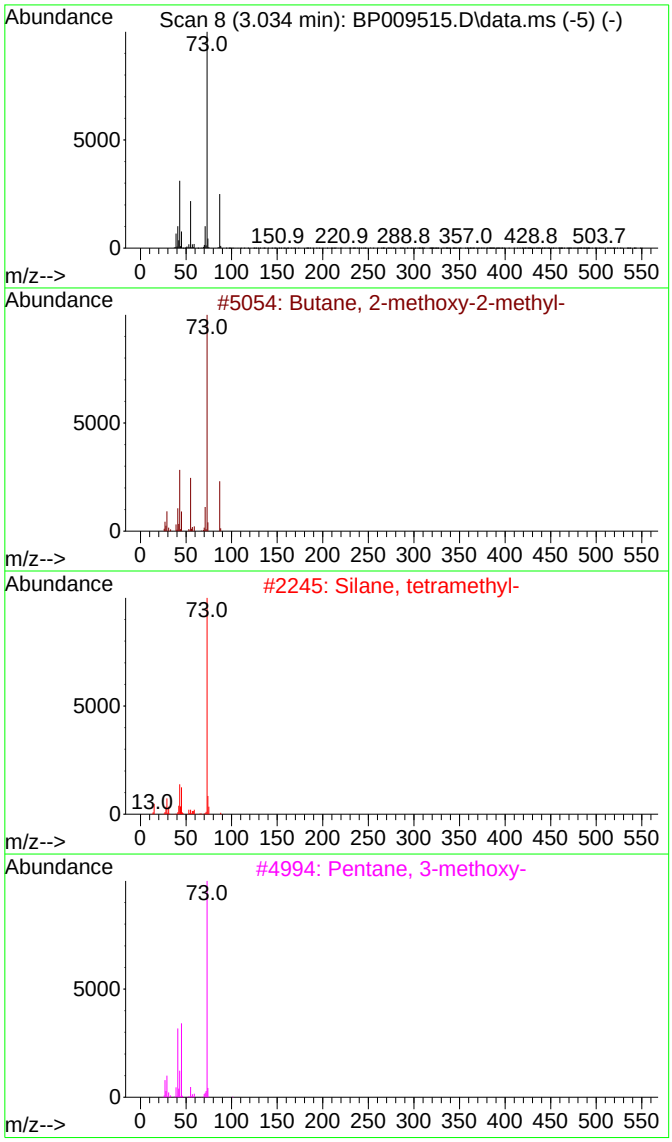
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

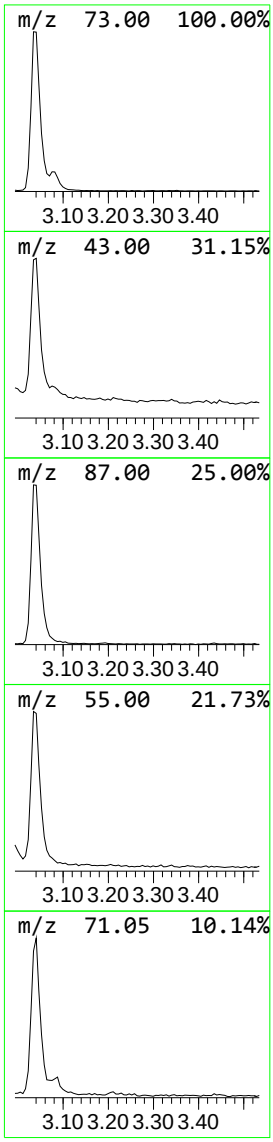
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.034	4.93 ng	643954	1,4-Dichlorobenzene-d4	7.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009515.D
Acq On : 23 Mar 2022 20:19
Operator : CG/JU
Sample : N2070-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-212

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

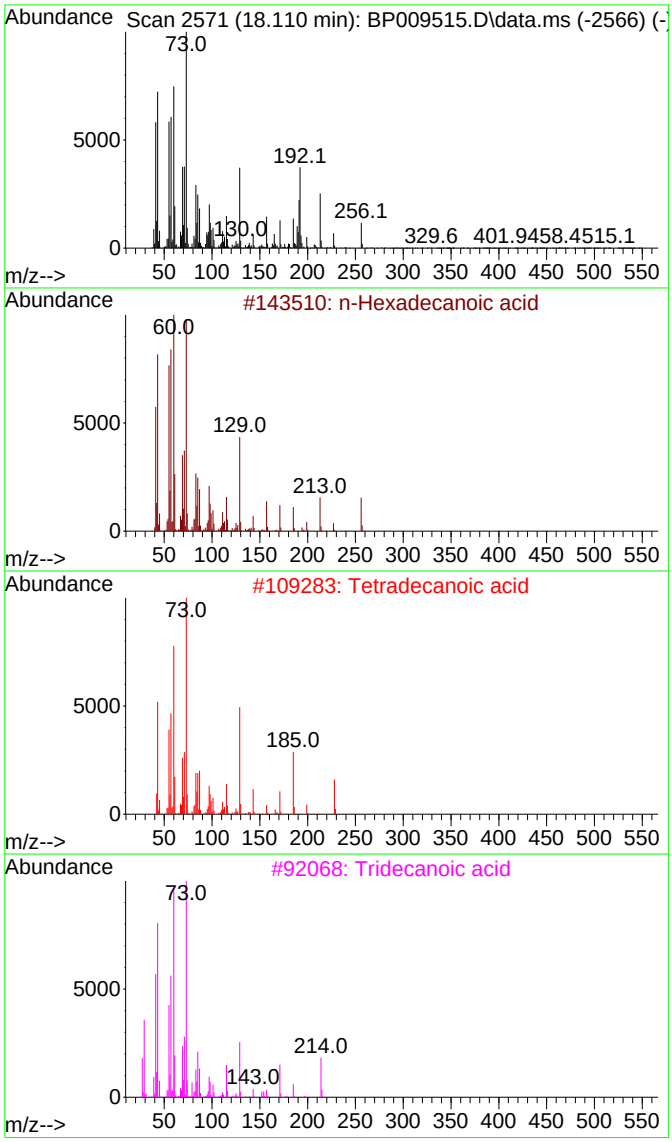
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

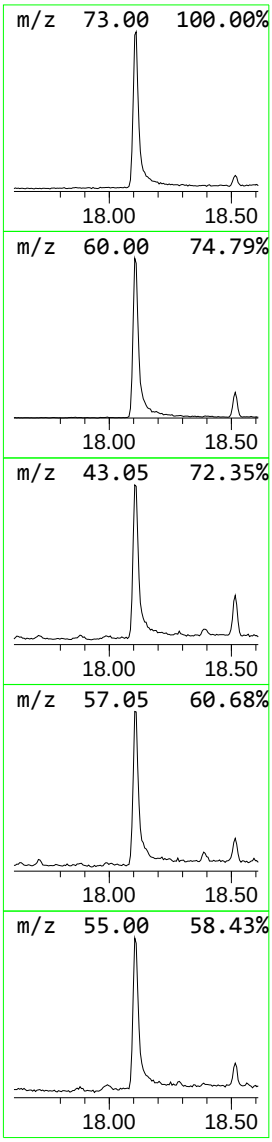
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.110	5.56 ng	1906740	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Octadecanoic acid	284	C18H36O2	000057-11-4	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009515.D
Acq On : 23 Mar 2022 20:19
Operator : CG/JU
Sample : N2070-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-212

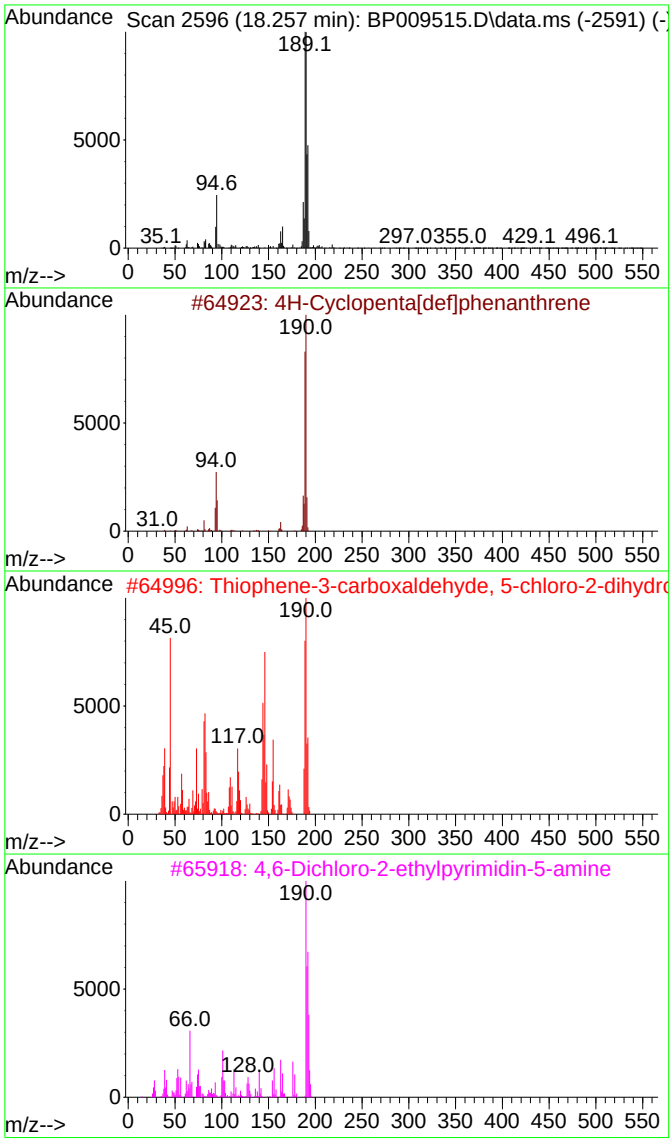
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

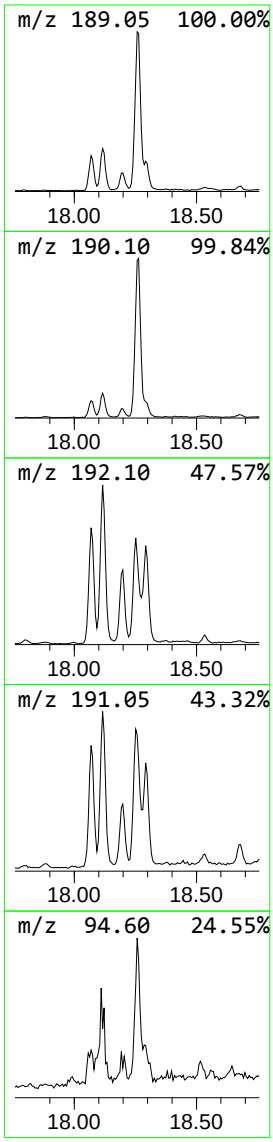
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.257	2.27 ng	779531	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	43
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009515.D
Acq On : 23 Mar 2022 20:19
Operator : CG/JU
Sample : N2070-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-212

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

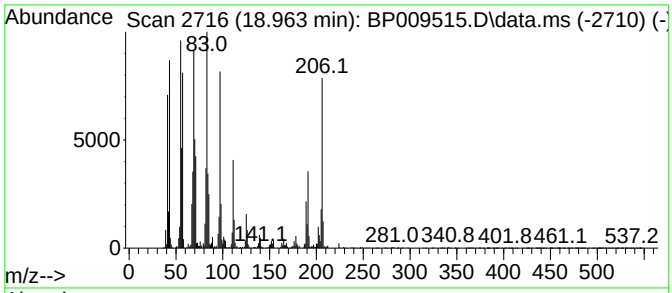
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

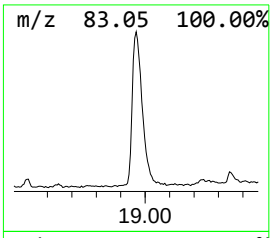
****

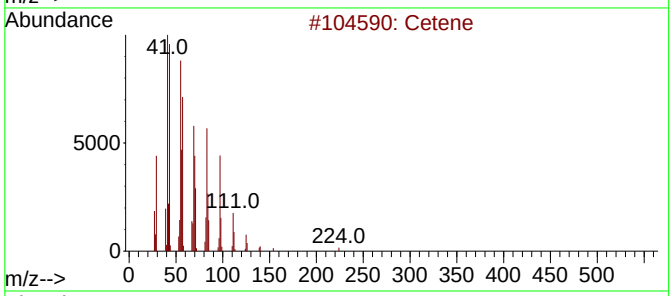
Peak Number 4 Cetene Concentration Rank 1

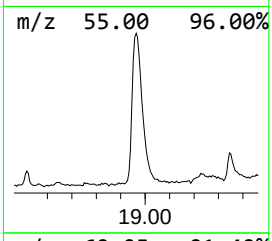
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.963	10.66 ng	3658530	Phenanthrene-d10	17.192

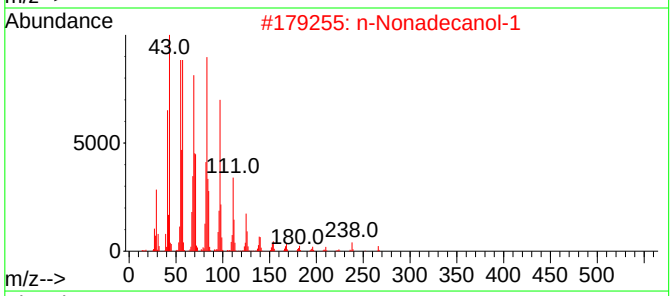
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	94
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
3	1-Hexadecanol	242	C16H34O	036653-82-4	86
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	86
5	1-Octadecanol	270	C18H38O	000112-92-5	86

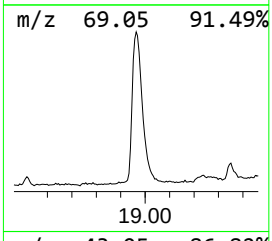


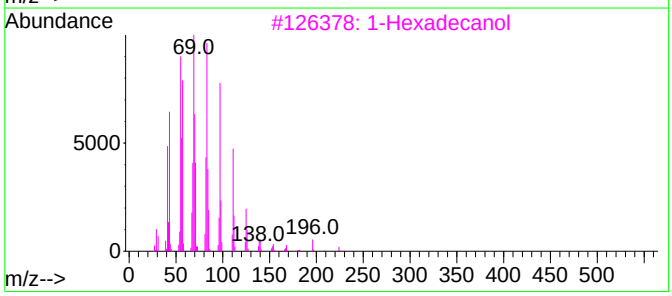


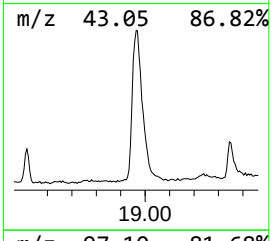


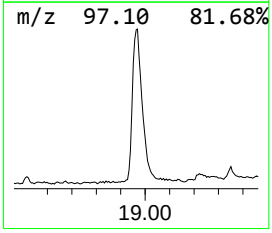












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009515.D
Acq On : 23 Mar 2022 20:19
Operator : CG/JU
Sample : N2070-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-212

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

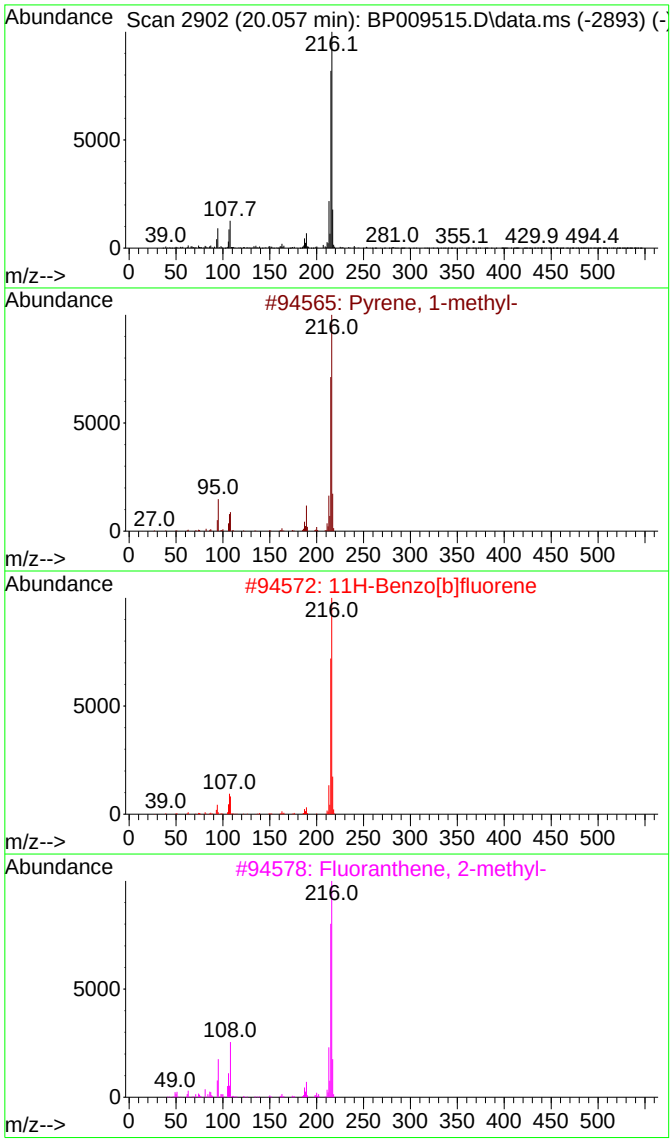
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

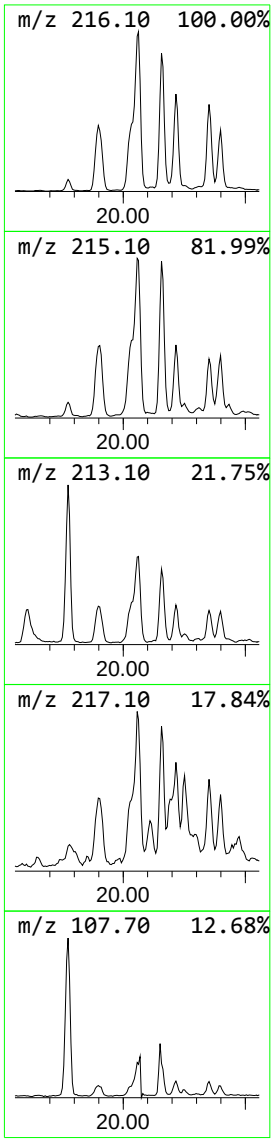
****

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.057	3.39 ng	1774290	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009515.D
Acq On : 23 Mar 2022 20:19
Operator : CG/JU
Sample : N2070-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-212

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

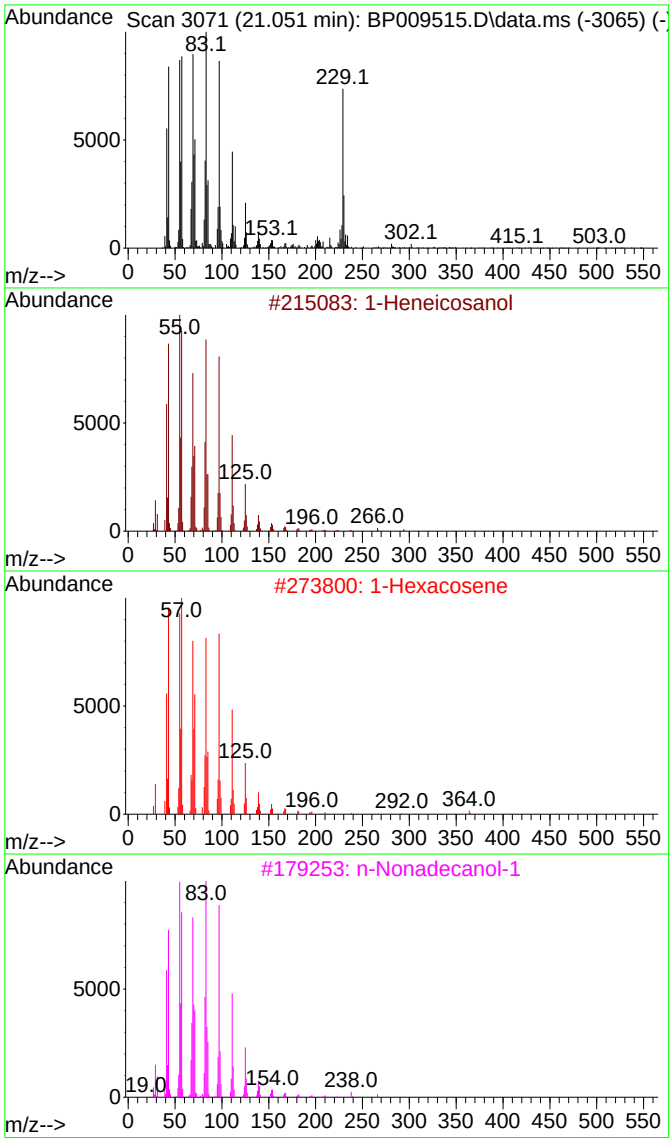
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

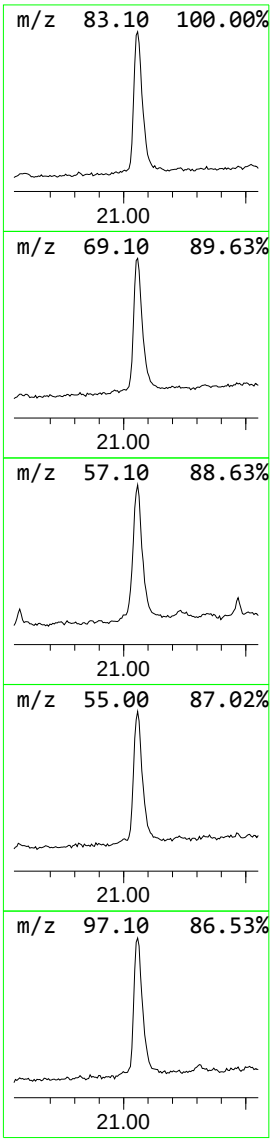
****

Peak Number 6 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	8.61 ng	4510140	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	1-Hexacosene	364	C26H52	018835-33-1	89
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	89
4	Behenic alcohol	326	C22H46O	000661-19-8	89
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009515.D
Acq On : 23 Mar 2022 20:19
Operator : CG/JU
Sample : N2070-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-212

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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...	3.034	4.9	ng	643954	1	7.787	2613810	20.0
n-Hexadecanoic ...	18.110	5.6	ng	1906740	4	17.192	6861240	20.0
4H-Cyclopenta[d...	18.257	2.3	ng	779531	4	17.192	6861240	20.0
Cetene	18.963	10.7	ng	3658530	4	17.192	6861240	20.0
Pyrene, 1-methyl-	20.057	3.4	ng	1774290	5	21.310	10478400	20.0
1-Heneicosanol	21.051	8.6	ng	4510140	5	21.310	10478400	20.0