LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010722\
Data File : BP008736.D
Acq On : 07 Jan 2022 20:42
Operator : CG/JU
Sample : N1067-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 124035

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: BP008736.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	9	13	34	rVB	1773370	2827494	17.36%	2.123%
2	5.452	412	419	437	rBV	4614975	7324506	44.97%	5.500%
3	7.040	681	689	705	rBV	4490797	7601367	46.67%	5.708%
4	7.869	823	830	838	rBV	1173525	1884551	11.57%	1.415%
5	9.028	1019	1027	1046	rBV	2918056	4930814	30.27%	3.703%
6	10.452	1261	1269	1289	rBV	324507	676924	4.16%	0.508%
7	10.669	1299	1306	1312	rBV	1572365	2725948	16.74%	2.047%
8	12.457	1603	1610	1616	rBV	166000	308431	1.89%	0.232%
9	13.134	1717	1725	1737	rBV	6342744	10031799	61.59%	7.533%
10	13.828	1835	1843	1849	rBV	118708	246169	1.51%	0.185%
11	14.340	1921	1930	1940	rBV	74021	204019	1.25%	0.153%
12	14.504	1950	1958	1964	rBV	2441603	3785690	23.24%	2.843%
13	14.569	1964	1969	1977	rVB	1145378	1724612	10.59%	1.295%
14	14.904	2020	2026	2035	rBV	407570	630964	3.87%	0.474%
15	15.557	2131	2137	2147	rVB	751752	1205441	7.40%	0.905%
16	15.851	2183	2187	2197	rVB	158692	254052	1.56%	0.191%
17	15.998	2205	2212	2220	rBV	6754160	10290607	63.18%	7.727%
18	16.198	2241	2246	2247	rBV	126727	164273	1.01%	0.123%
19	16.228	2247	2251	2259	rVB3	294543	549771	3.38%	0.413%
20	16.351	2267	2272	2277	rBV2	138668	204876	1.26%	0.154%
21	16.563	2304	2308	2313	rVB3	138548	206271	1.27%	0.155%
22	16.716	2330	2334	2340	rVB2	79629	167518	1.03%	0.126%
23	16.910	2364	2367	2376	rVB2	118457	193652	1.19%	0.145%
24	17.075	2391	2395	2404	rVB	273018	418069	2.57%	0.314%
25	17.257	2420	2426	2430	rBV	3262822	4968013	30.50%	3.731%
26	17.304	2430	2434	2440	rVV	3257121	4702836	28.87%	3.531%
27	17.392	2444	2449	2454	rVV	536843	804167	4.94%	0.604%
28	17.451	2454	2459	2466	rVV	218008	347131	2.13%	0.261%
29	17.663	2491	2495	2500	rVB	228975	302720	1.86%	0.227%
30	18.128	2569	2574	2576	rBV	258114	359342	2.21%	0.270%
31	18.157	2576	2579	2588	rVB2	657942	1270574	7.80%	0.954%
32	18.251	2591	2595	2600	rVB	180968	262001	1.61%	0.197%
33	18.316	2600	2606	2610	rBV2	1038898	1600520	9.83%	1.202%
34	18.610	2652	2656	2660	rBV	342956	461610	2.83%	0.347%
35	19.269	2762	2768	2774	rBV	5804799	7440387	45.68%	5.587%
36	19.328	2774	2778	2782	rVV2	450375	568194	3.49%	0.427%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010722\
Data File : BP008736.D
Acq On : 07 Jan 2022 20:42
Operator : CG/JU
Sample : N1067-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
124035

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	19.386	2782	2788	2796	rVV4	253430	490303	3.01%	0.368%
38	19.622	2818	2828	2836	rBV	3619321	6479734	39.78%	4.866%
39	19.692	2837	2840	2847	rVB2	125710	205660	1.26%	0.154%
40	19.822	2854	2862	2867	rBV	13025038	16287188	100.00%	12.230%
41	19.933	2877	2881	2888	rBV3	140688	356524	2.19%	0.268%
42	20.104	2906	2910	2916	rVB	621917	845883	5.19%	0.635%
43	20.204	2922	2927	2931	rBV	641091	848762	5.21%	0.637%
44	21.063	3069	3073	3080	rVB3	1120647	1502768	9.23%	1.128%
45	21.345	3115	3121	3125	rBV2	5428711	8260360	50.72%	6.203%
46	21.380	3125	3127	3134	rVB	949797	1242183	7.63%	0.933%
47	21.469	3137	3142	3147	rBV	4340882	6330740	38.87%	4.754%
48	23.039	3404	3409	3414	rBV2	566021	1293090	7.94%	0.971%
49	23.774	3527	3534	3551	rVB2	3413398	7383516	45.33%	5.544%

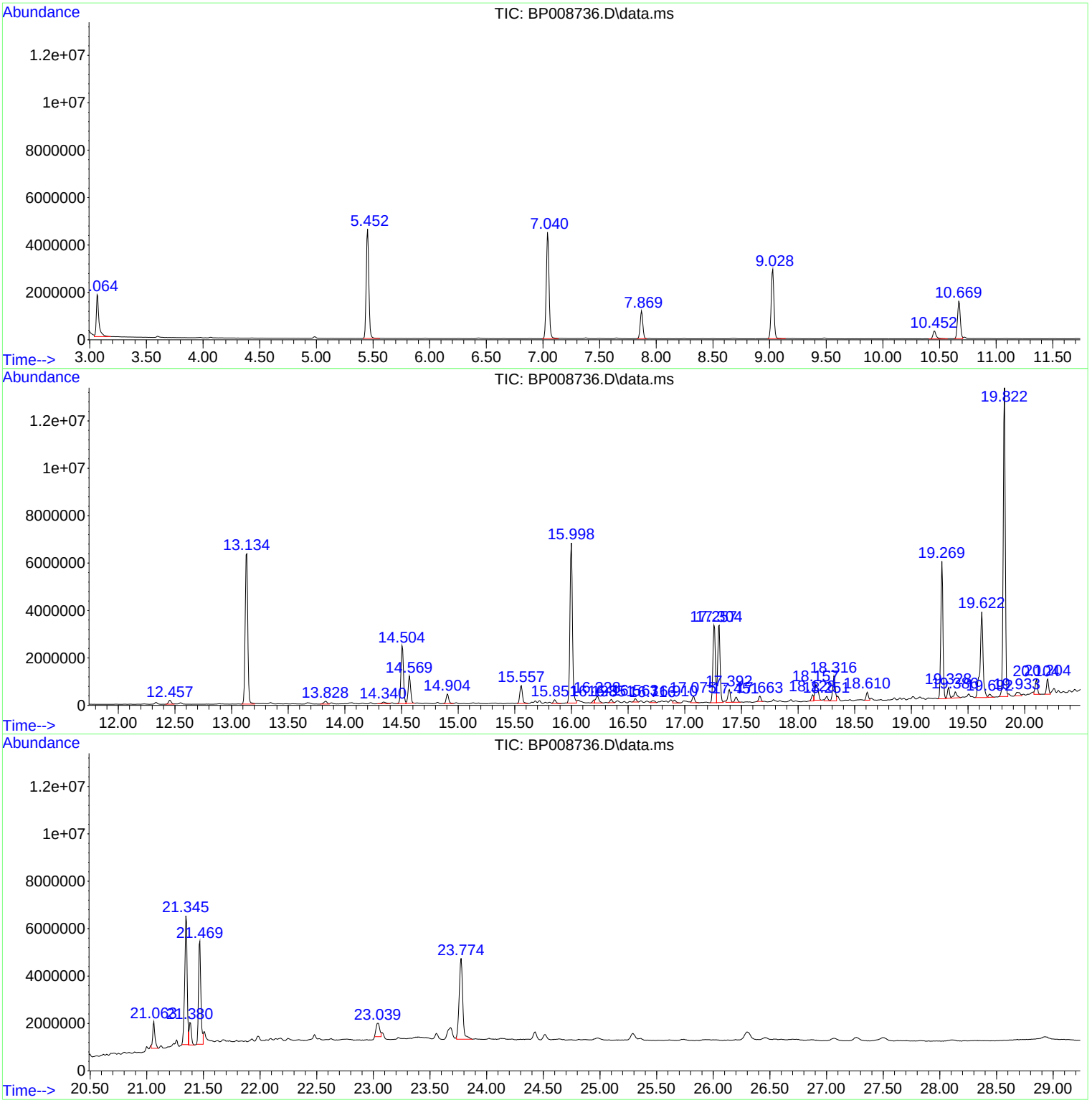
Sum of corrected areas: 133172024

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010722\
Data File : BP008736.D
Acq On : 07 Jan 2022 20:42
Operator : CG/JU
Sample : N1067-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
124035

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\BP010722\
Data File : BP008736.D
Acq On : 07 Jan 2022 20:42
Operator : CG/JU
Sample : N1067-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
124035

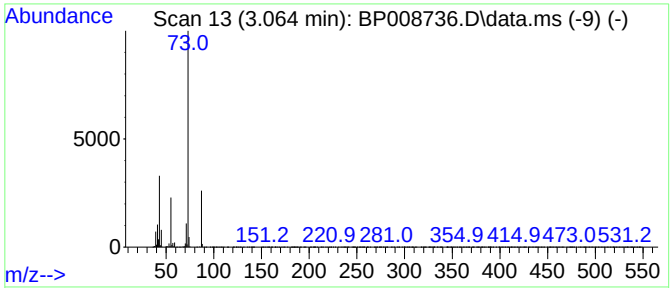
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

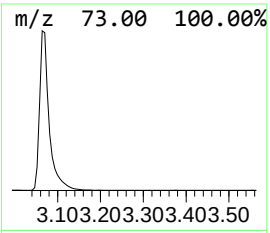
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

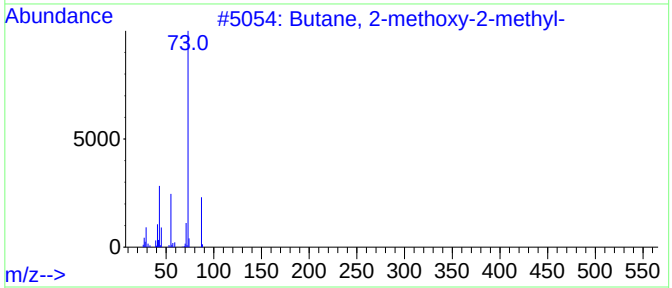
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

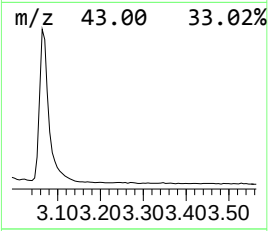
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.064	30.01 ng	2827490	1,4-Dichlorobenzene-d4	7.869

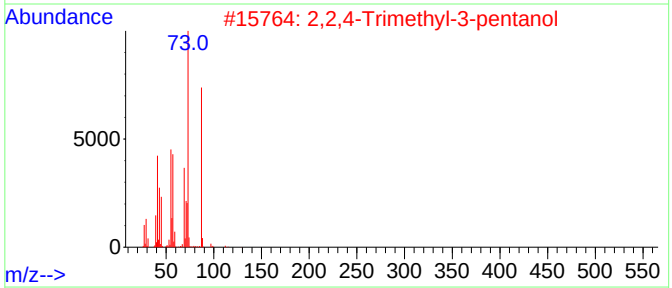
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9

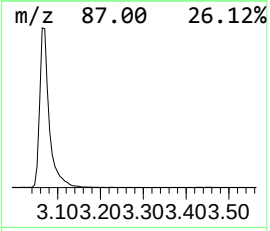


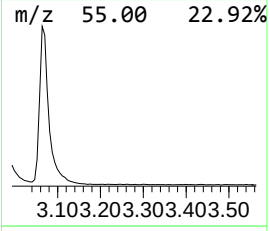


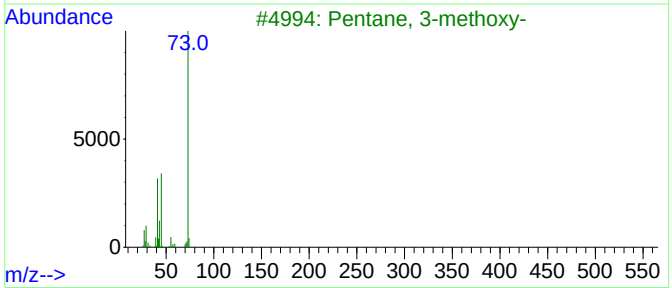


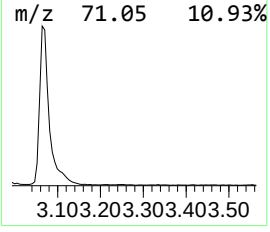












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010722\
Data File : BP008736.D
Acq On : 07 Jan 2022 20:42
Operator : CG/JU
Sample : N1067-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
124035

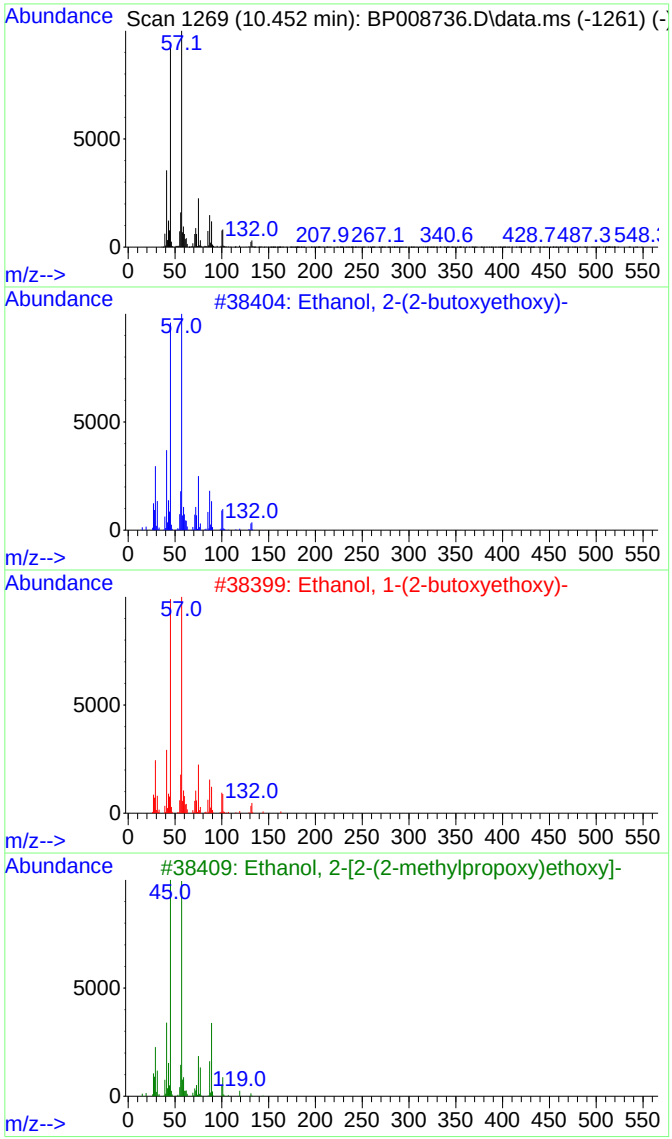
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

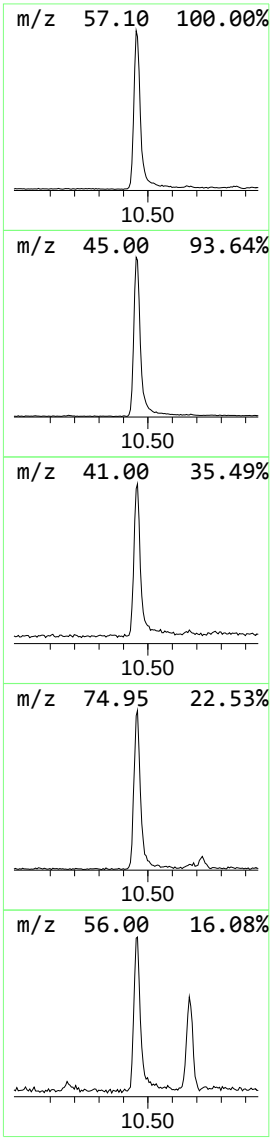
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.452	4.97 ng	676924	Naphthalene-d8	10.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	91
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	72
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010722\
Data File : BP008736.D
Acq On : 07 Jan 2022 20:42
Operator : CG/JU
Sample : N1067-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
124035

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

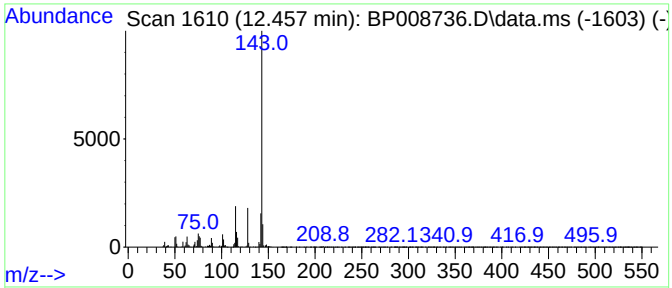
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

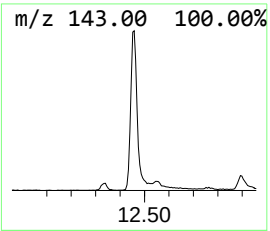
****

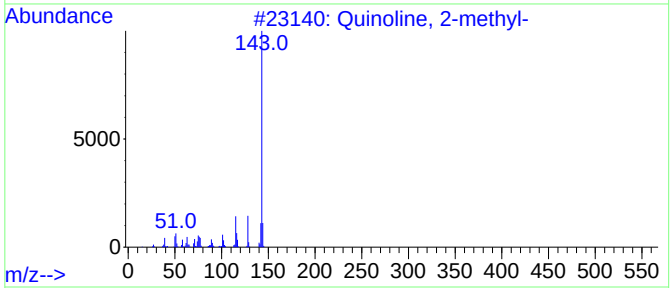
Peak Number 3 Quinoline, 2-methyl- Concentration Rank 7

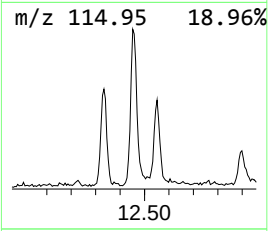
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	2.26 ng	308431	Naphthalene-d8	10.669

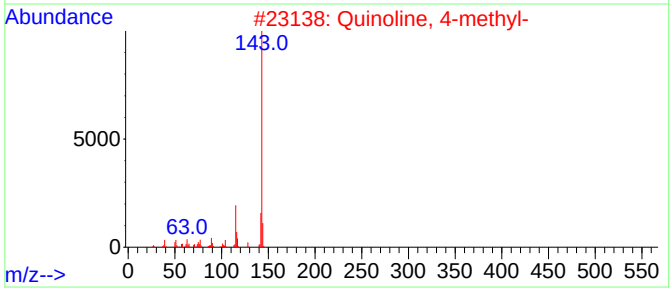
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	96
2	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	90
3	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	87
4	Isoquinoline, 3-methyl-	143	C10H9N	001125-80-0	83
5	1-Ethyl-2-methylquinolinium iodide	299	C12H14IN	000606-55-3	83

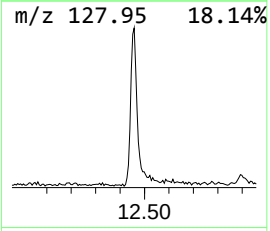


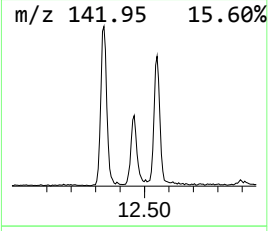


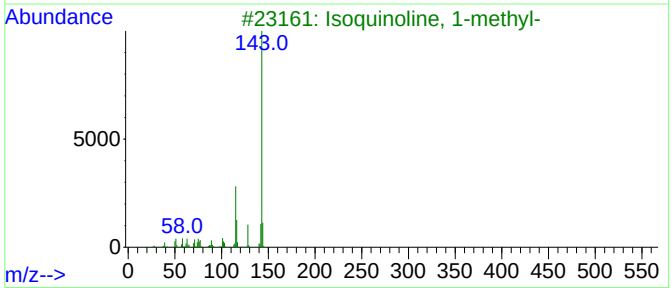


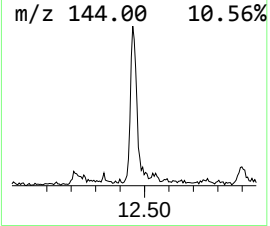












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010722\
Data File : BP008736.D
Acq On : 07 Jan 2022 20:42
Operator : CG/JU
Sample : N1067-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
124035

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

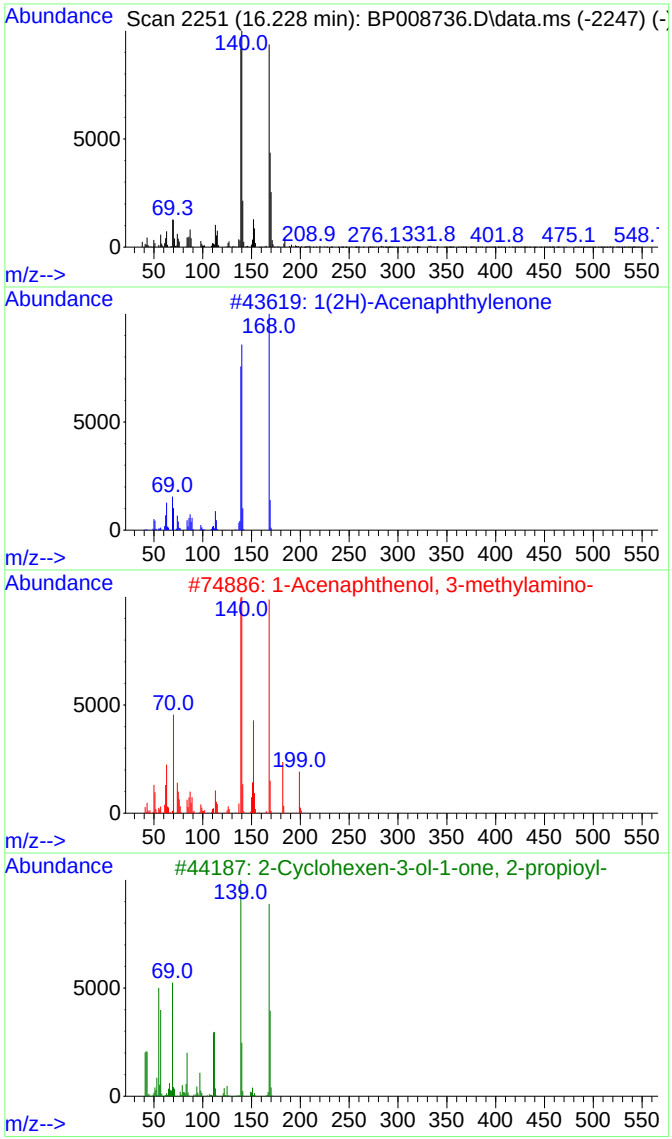
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

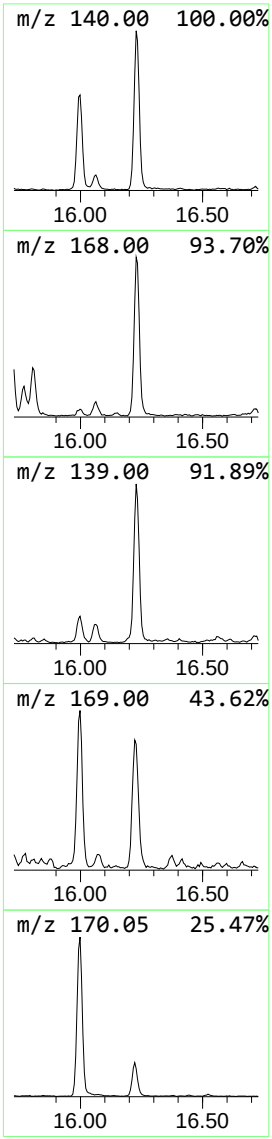
****

Peak Number 4 1(2H)-Acenaphthylenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.228	2.21 ng	549771	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	74
2	1-Acenaphthenol, 3-methylamino-	199	C13H13NO	1000129-22-6	59
3	2-Cyclohexen-3-ol-1-one, 2-propi...	168	C9H12O3	062847-90-9	50
4	5,6,7,8-Tetrahydro-thiazolo[5,4-...	168	C7H8N2OS	1000317-75-4	43
5	2,5-Thiophenedicarboxaldehyde	140	C6H4O2S	000932-95-6	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010722\
Data File : BP008736.D
Acq On : 07 Jan 2022 20:42
Operator : CG/JU
Sample : N1067-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
124035

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

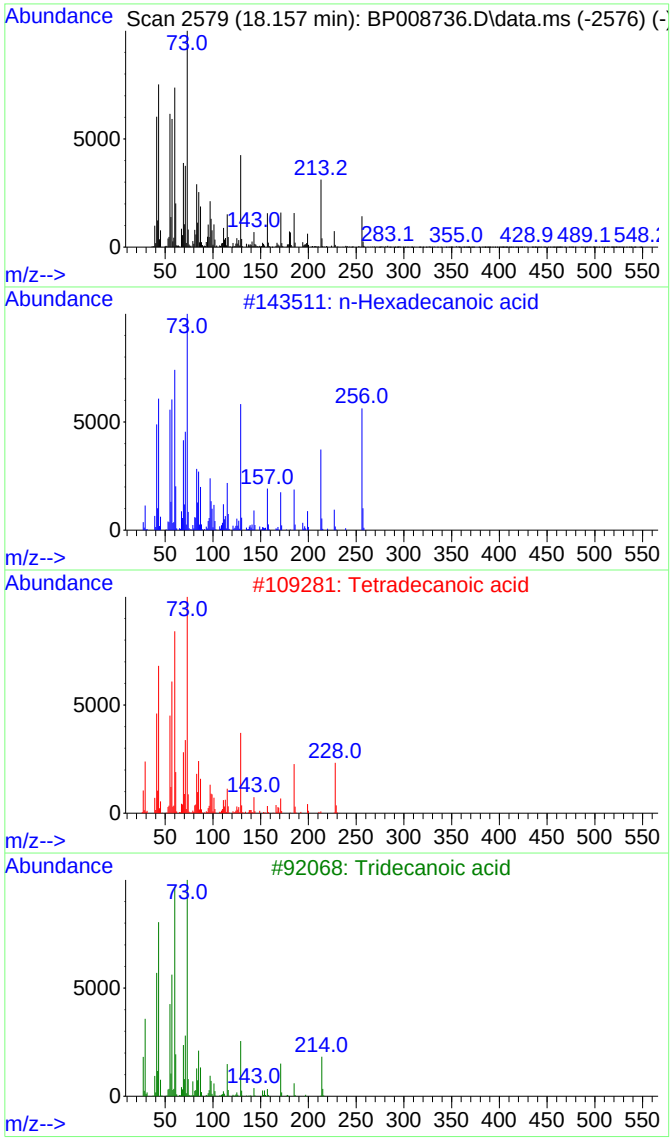
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

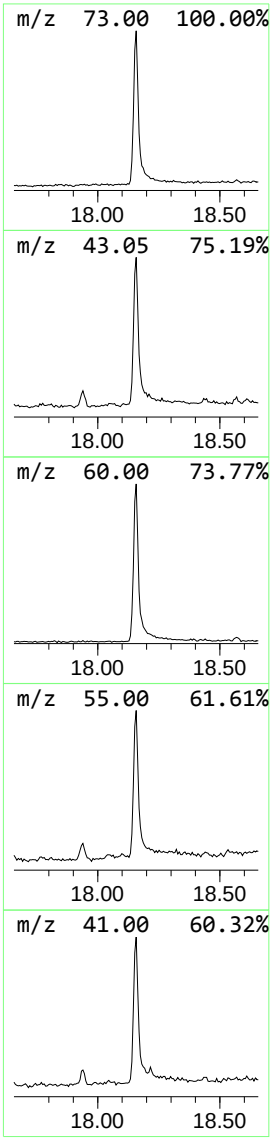
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.157	5.12 ng	1270570	Phenanthrene-d10	17.257

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	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010722\
Data File : BP008736.D
Acq On : 07 Jan 2022 20:42
Operator : CG/JU
Sample : N1067-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
124035

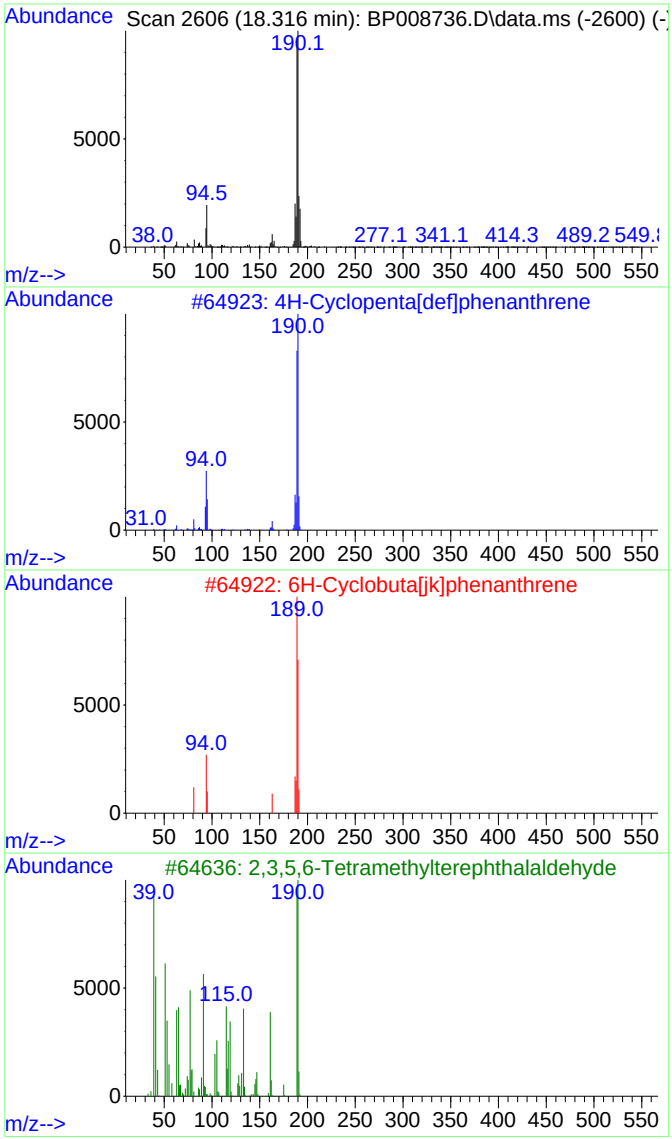
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

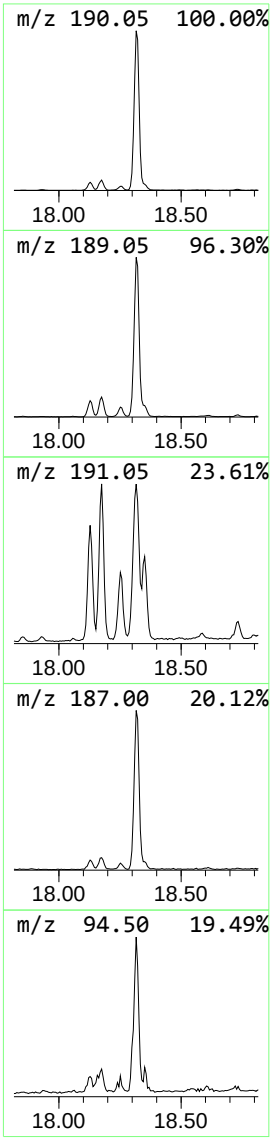
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.316	6.44 ng	1600520	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	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40





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Data File : BP008736.D
Acq On : 07 Jan 2022 20:42
Operator : CG/JU
Sample : N1067-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
124035

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

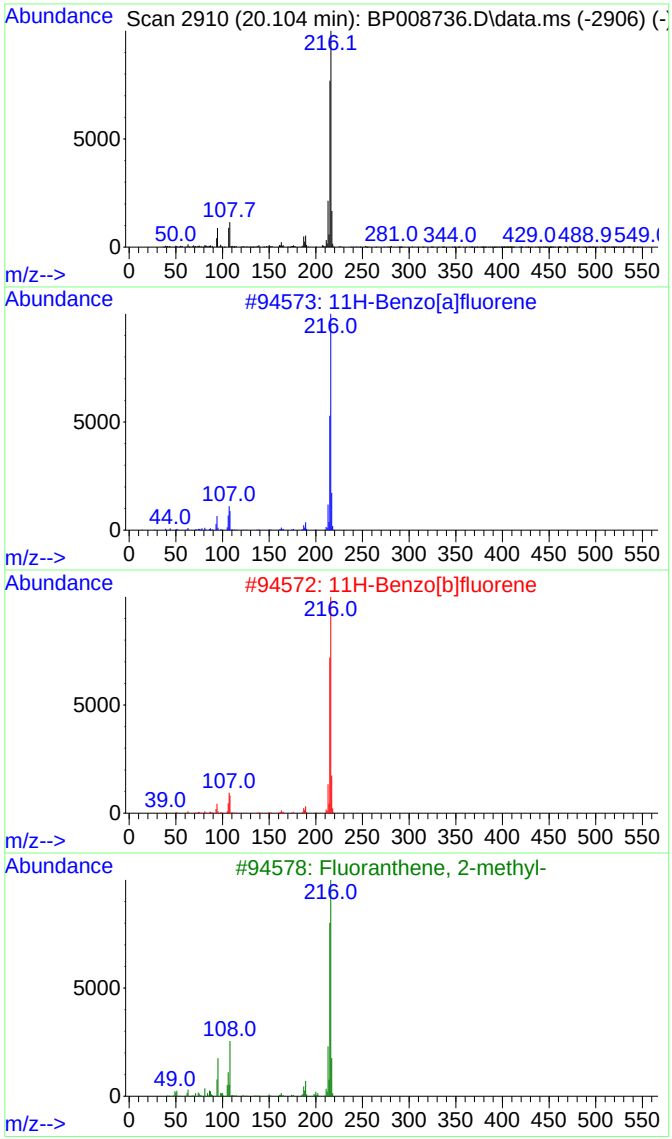
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

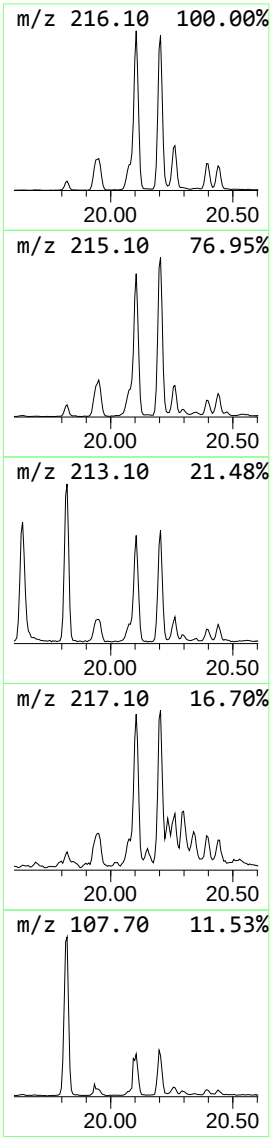
****

Peak Number 7 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.104	2.05 ng	845883	Chrysene-d12	21.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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Acq On : 07 Jan 2022 20:42
Operator : CG/JU
Sample : N1067-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
124035

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

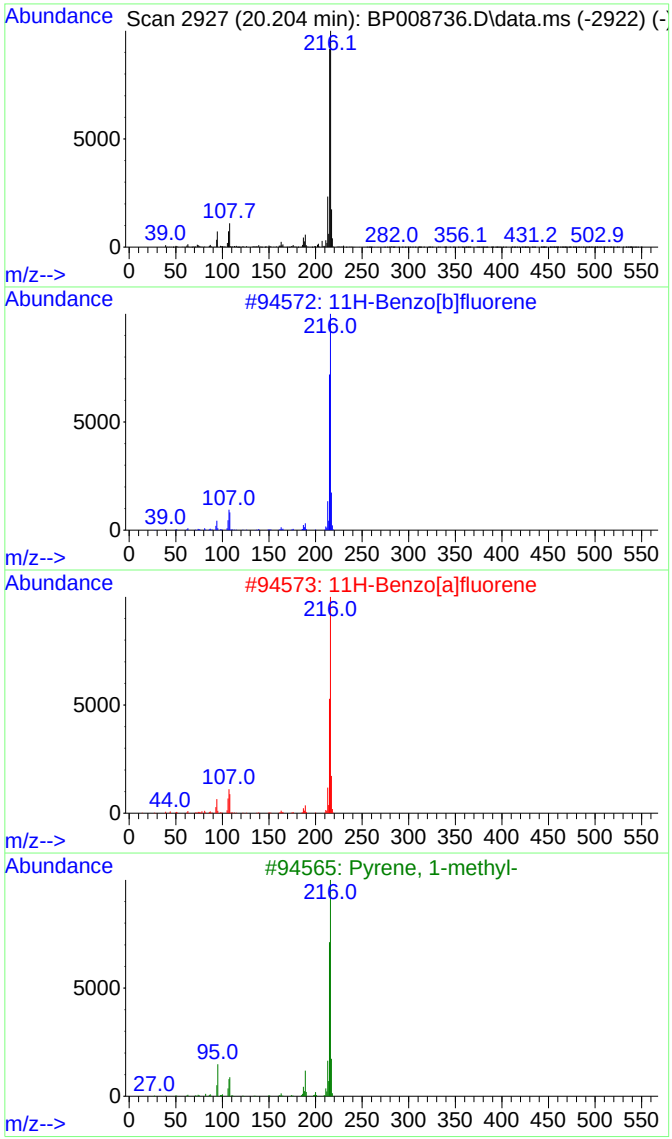
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

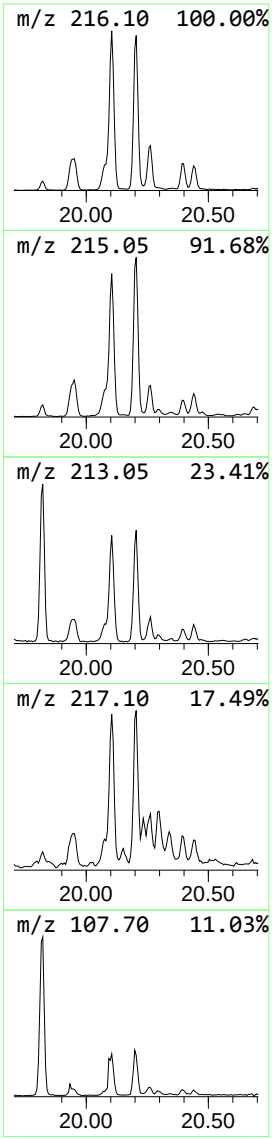
****

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.204	2.06 ng	848762	Chrysene-d12	21.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Data File : BP008736.D
Acq On : 07 Jan 2022 20:42
Operator : CG/JU
Sample : N1067-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
124035

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

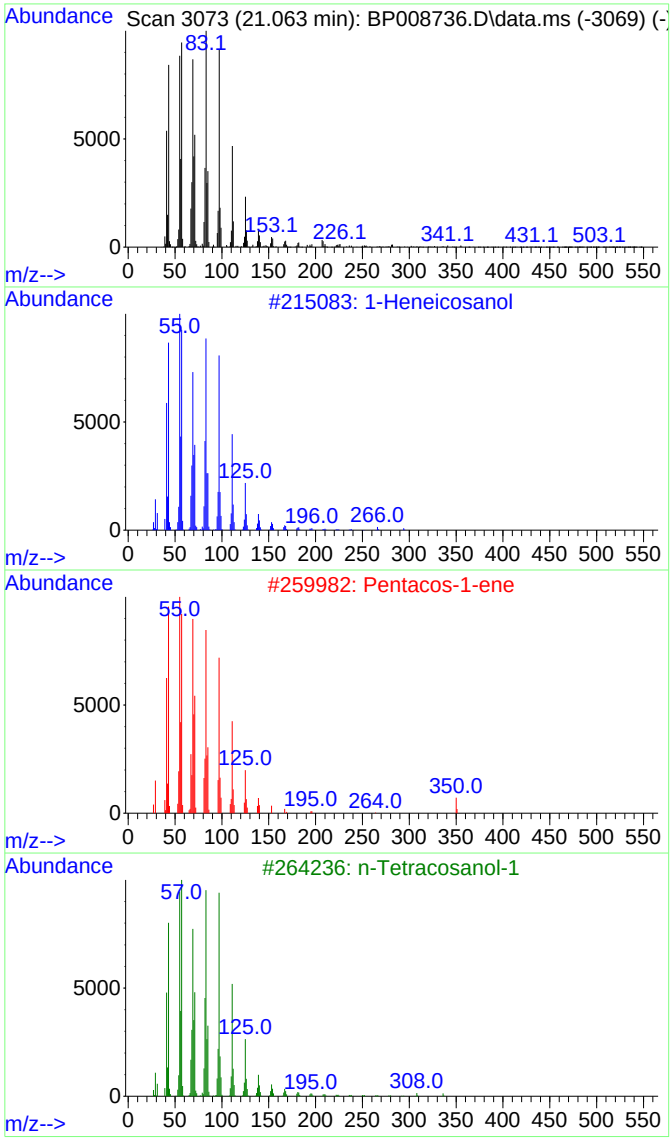
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

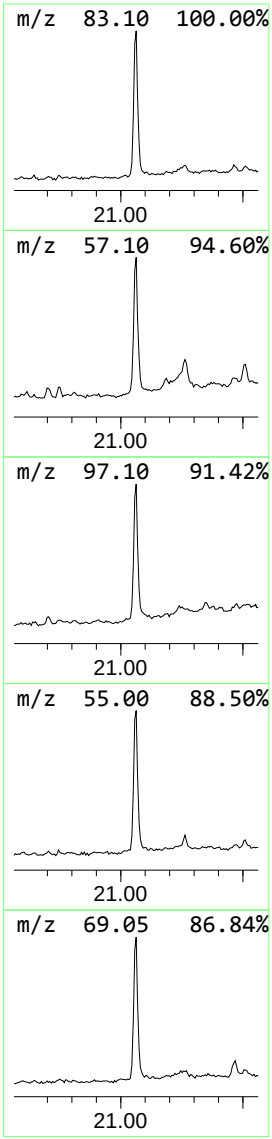
****

Peak Number 9 1-Heneicosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.063	3.64 ng	1502770	Chrysene-d12	21.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	Pentacos-1-ene	350	C25H50	016980-85-1	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010722\
Data File : BP008736.D
Acq On : 07 Jan 2022 20:42
Operator : CG/JU
Sample : N1067-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
124035

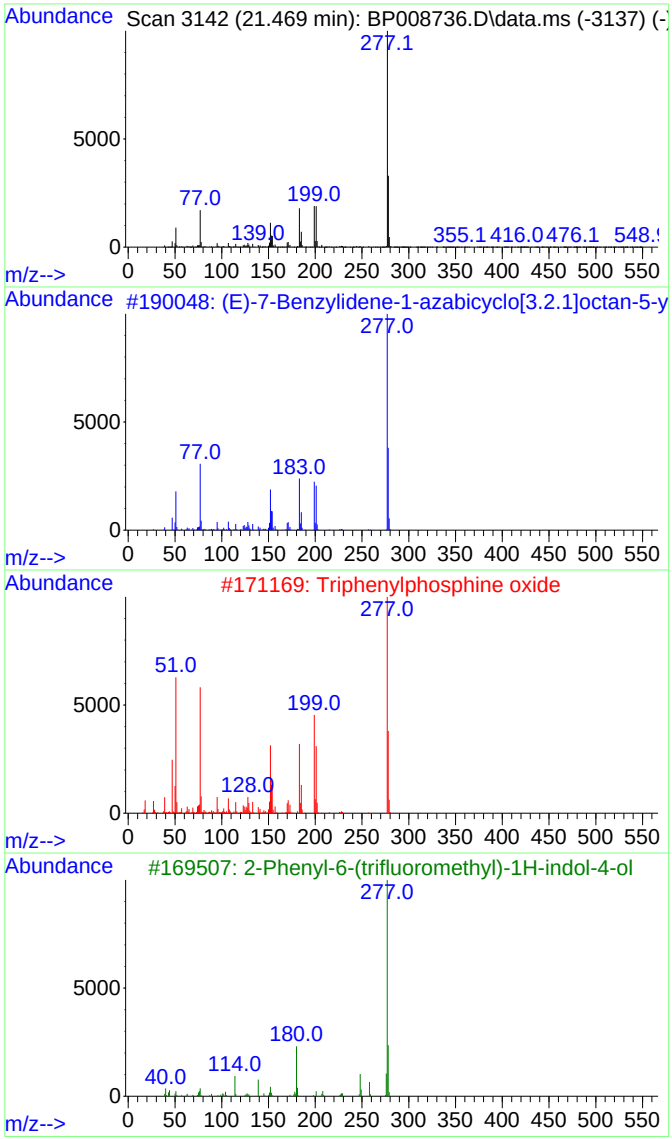
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

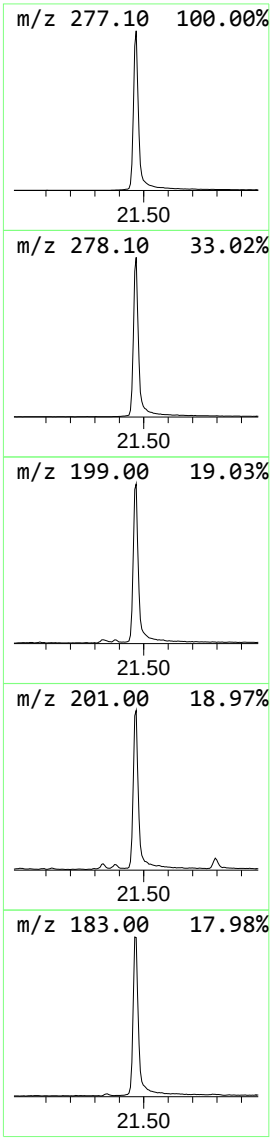
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (E)-7-Benzylidene-1-azabicy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.469	15.33 ng	6330740	Chrysene-d12	21.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
2	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	89
3	2-Phenyl-6-(trifluoromethyl)-1H-...	277	C15H10F3NO	1000387-59-3	38
4	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	38
5	3-(3,4-Dichlorophenyl)-2-thioxo-...	277	C9H5Cl2NOS2	017046-34-3	37





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010722\
Data File : BP008736.D
Acq On : 07 Jan 2022 20:42
Operator : CG/JU
Sample : N1067-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
124035

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	30.0	ng	2827490	1	7.869	1884550	20.0
Ethanol, 2-(2-b...	10.452	5.0	ng	676924	2	10.669	2725950	20.0
Quinoline, 2-me...	12.457	2.3	ng	308431	2	10.669	2725950	20.0
1(2H)-Acenaphth...	16.228	2.2	ng	549771	4	17.257	4968010	20.0
n-Hexadecanoic ...	18.157	5.1	ng	1270570	4	17.257	4968010	20.0
4H-Cyclopenta[d...	18.316	6.4	ng	1600520	4	17.257	4968010	20.0
11H-Benzo[a]flu...	20.104	2.0	ng	845883	5	21.351	8260360	20.0
11H-Benzo[b]flu...	20.204	2.1	ng	848762	5	21.351	8260360	20.0
1-Heneicosanol	21.063	3.6	ng	1502770	5	21.351	8260360	20.0
(E)-7-Benzylide...	21.469	15.3	ng	6330740	5	21.351	8260360	20.0