LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080620\
Data File : BP002920.D
Acq On : 06 Aug 2020 15:15
Operator : CG/JU
Sample : L3548-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-004

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\8270-BP073020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.981	12	16	32	rVB	1985305	2651286	10.78%	2.084%
2	5.317	406	413	428	rBV	4995358	7203225	29.28%	5.663%
3	6.887	671	680	696	rBV	4799368	7584230	30.83%	5.963%
4	7.711	813	820	829	rBV	1275073	1942202	7.90%	1.527%
5	8.852	1006	1014	1026	rBV	3038758	5004479	20.35%	3.934%
6	10.493	1285	1293	1300	rBV	1675259	2824915	11.48%	2.221%
7	12.969	1707	1714	1723	rBV	9176333	13404764	54.50%	10.539%
8	13.804	1850	1856	1865	rBV	769322	1064060	4.33%	0.837%
9	14.345	1941	1948	1955	rBV2	2697592	4095909	16.65%	3.220%
10	15.840	2195	2202	2213	rBV	7594829	10766820	43.77%	8.465%
11	17.098	2410	2416	2421	rBV	3662915	5309252	21.58%	4.174%
12	17.139	2421	2423	2429	rVB	559069	649663	2.64%	0.511%
13	18.022	2568	2573	2581	rBV	1312425	1700111	6.91%	1.337%
14	18.157	2591	2596	2600	rBV2	204232	322412	1.31%	0.253%
15	19.116	2754	2759	2766	rBV	1659736	2184677	8.88%	1.718%
16	19.257	2779	2783	2789	rBV2	537559	736056	2.99%	0.579%
17	19.469	2810	2819	2825	rBV	1476971	2400468	9.76%	1.887%
18	19.675	2846	2854	2865	rVB	18325964	24597377	100.00%	19.338%
19	19.792	2869	2874	2879	rBV3	122753	256121	1.04%	0.201%
20	19.951	2899	2901	2906	rVB	215213	287570	1.17%	0.226%
21	20.104	2923	2927	2931	rBV2	187716	268557	1.09%	0.211%
22	20.492	2989	2993	2996	rBV	255016	278695	1.13%	0.219%
23	20.680	3021	3025	3031	rVB	234571	350476	1.42%	0.276%
24	20.845	3047	3053	3056	rBV2	176298	361975	1.47%	0.285%
25	20.927	3063	3067	3072	rBV3	2404671	3265008	13.27%	2.567%
26	21.186	3105	3111	3115	rVV2	6132707	9203068	37.41%	7.235%
27	21.222	3115	3117	3128	rVB	1015933	1430244	5.81%	1.124%
28	21.369	3139	3142	3146	rVB	578534	622087	2.53%	0.489%
29	21.816	3214	3218	3223	rVB2	661651	970543	3.95%	0.763%
30	22.286	3295	3298	3306	rVB	378771	536623	2.18%	0.422%
31	22.769	3375	3380	3384	rBV	1018522	2036598	8.28%	1.601%
32	22.810	3384	3387	3392	rVB	928044	1370560	5.57%	1.078%
33	23.251	3458	3462	3472	rVB	571824	1038107	4.22%	0.816%
34	23.351	3474	3479	3484	rBV	680248	1176348	4.78%	0.925%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080620\
Data File : BP002920.D
Acq On : 06 Aug 2020 15:15
Operator : CG/JU
Sample : L3548-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-004

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\8270-BP073020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	23.451	3490	3496	3503	rVB2	4173963	7515873	30.56%	5.909%
36	24.074	3598	3602	3609	rVB	359677	636384	2.59%	0.500%
37	24.151	3610	3615	3628	rVB2	533686	1149506	4.67%	0.904%

Sum of corrected areas: 127196249

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080620\
Data File : BP002920.D
Acq On : 06 Aug 2020 15:15
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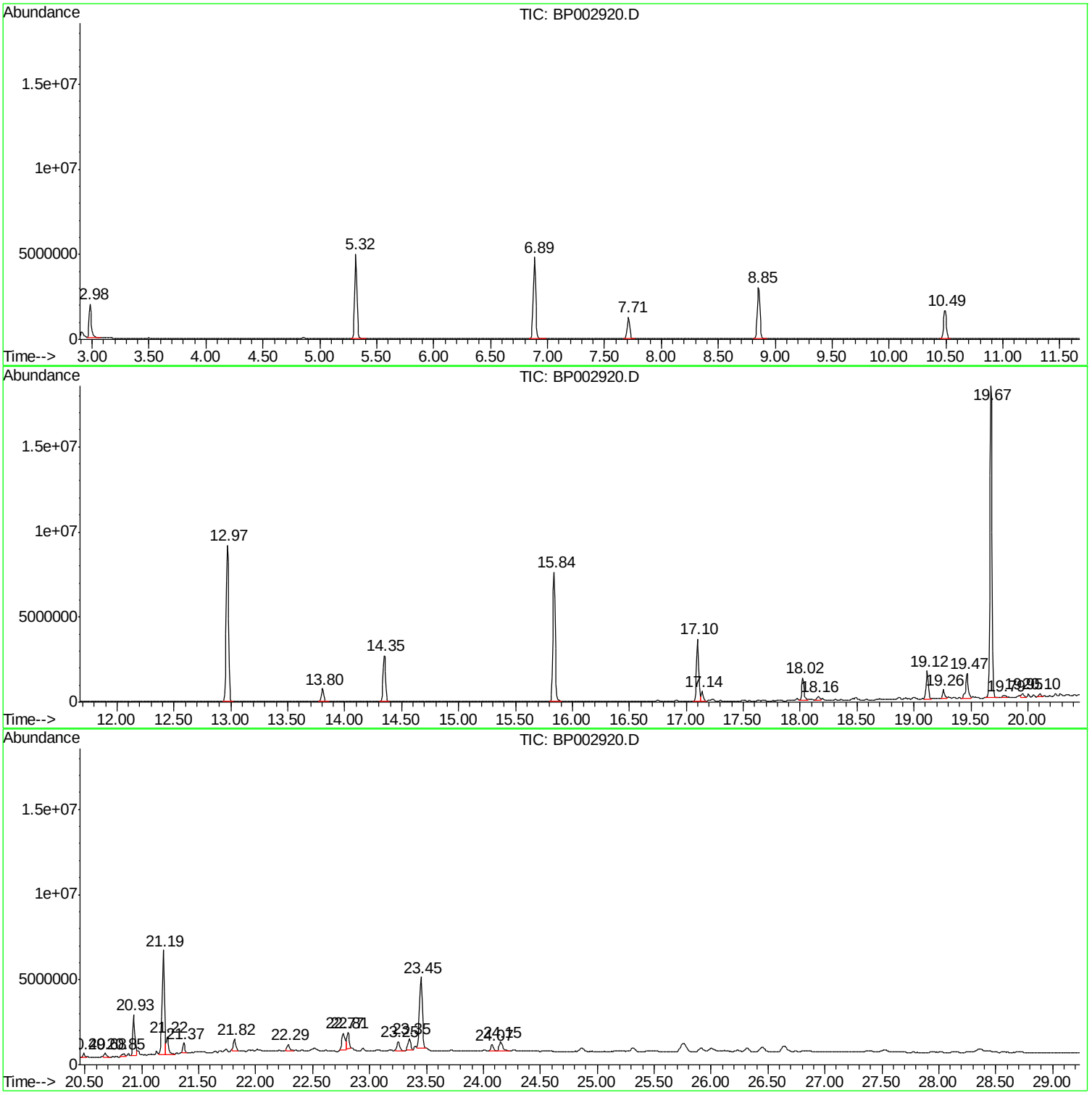
Sample : L3548-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-004

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080620\
Data File : BP002920.D
Acq On : 06 Aug 2020 15:15
Operator : CG/JU
Sample : L3548-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

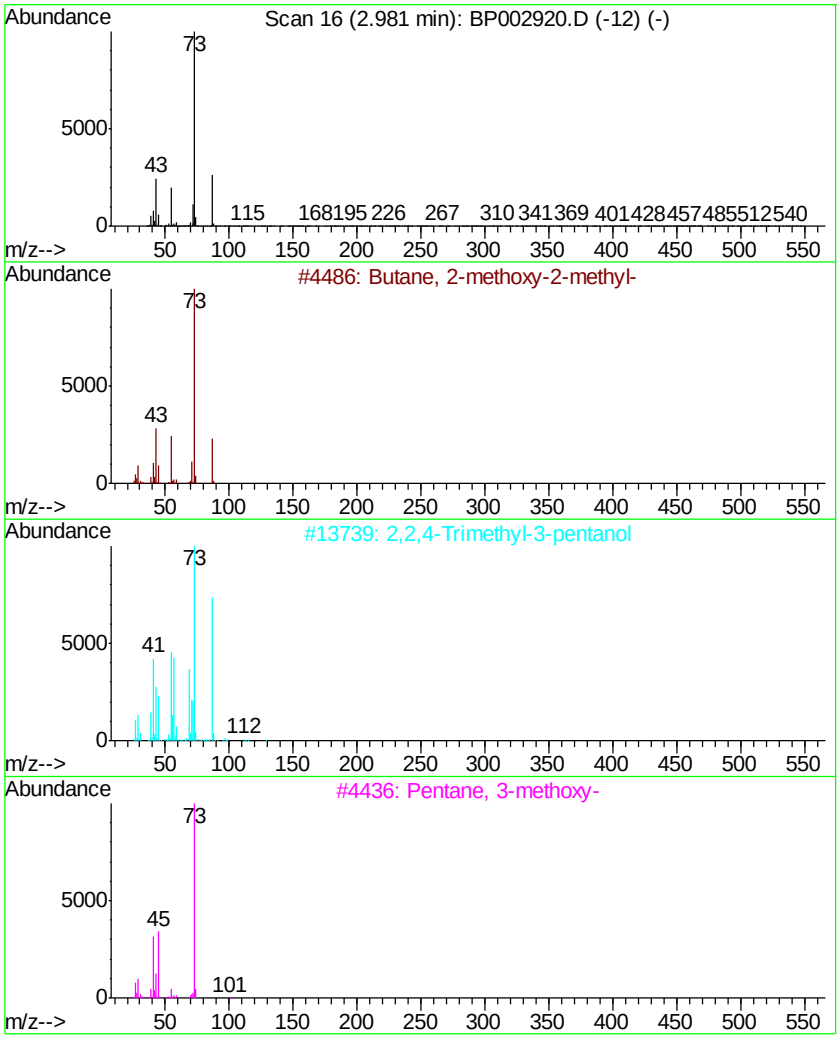
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

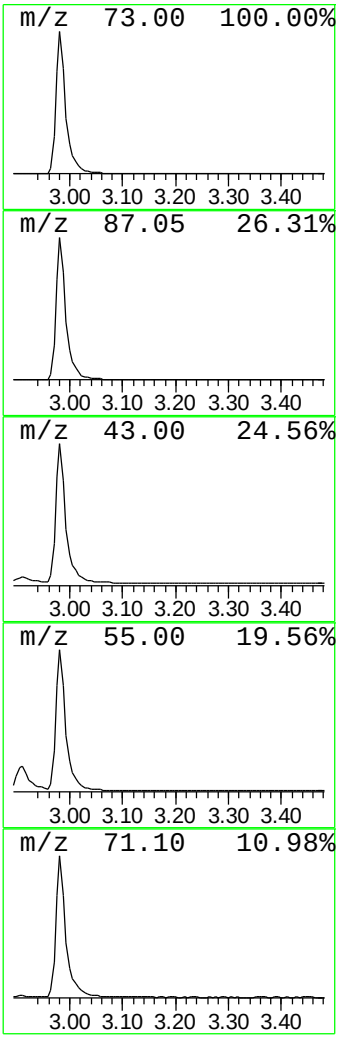
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	27.30 ng	2651290	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080620\
Data File : BP002920.D
Acq On : 06 Aug 2020 15:15
Operator : CG/JU
Sample : L3548-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-004

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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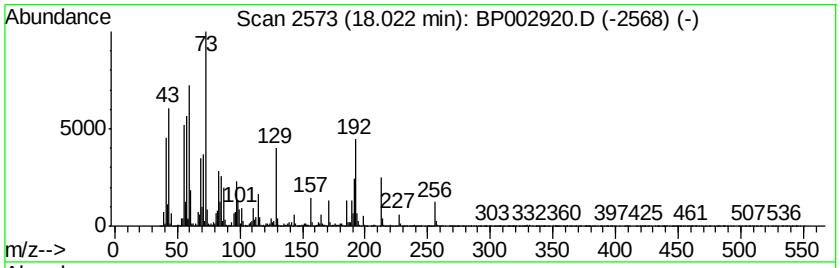
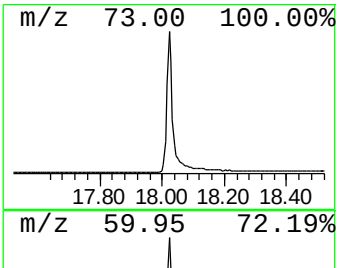
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	6.40 ng	1700110	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	78
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	60
4	Octadecanoic acid	284	C18H36O2	000057-11-4	55
5	n-Decanoic acid	172	C10H20O2	000334-48-5	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080620\
Data File : BP002920.D
Acq On : 06 Aug 2020 15:15
Operator : CG/JU
Sample : L3548-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-004

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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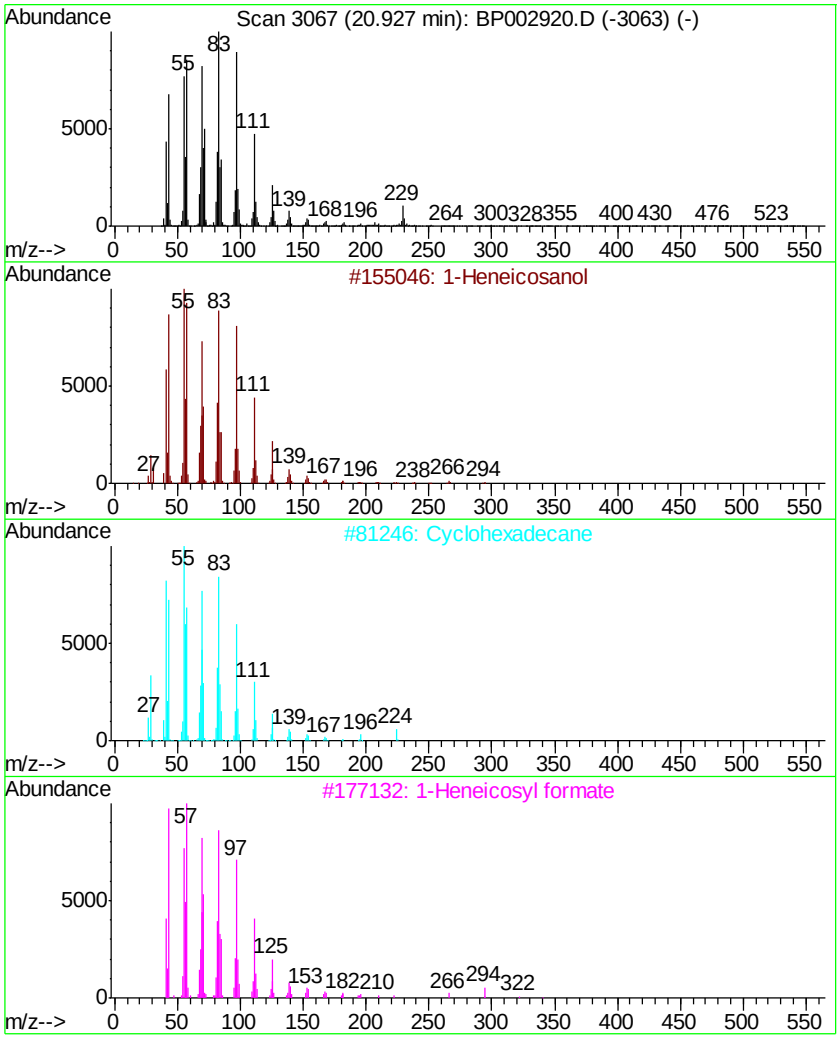
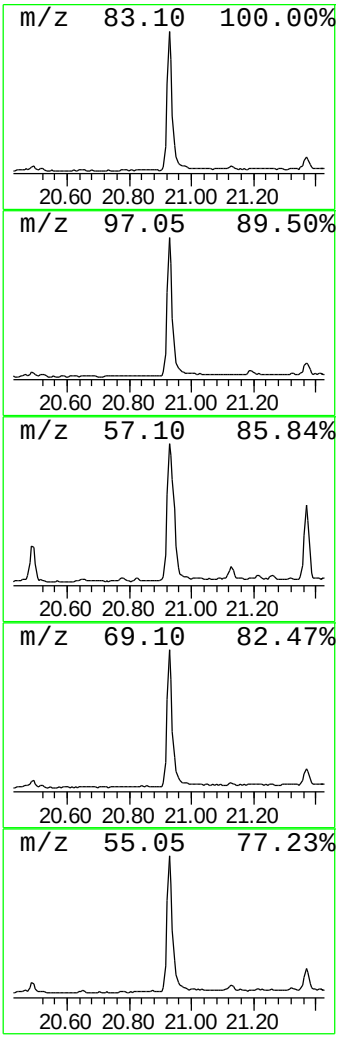
Peak Number 3 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	7.10 ng	3265010	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4	1-Nonadecene	266	C19H38	018435-45-5	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080620\
Data File : BP002920.D
Acq On : 06 Aug 2020 15:15
Operator : CG/JU
Sample : L3548-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-004

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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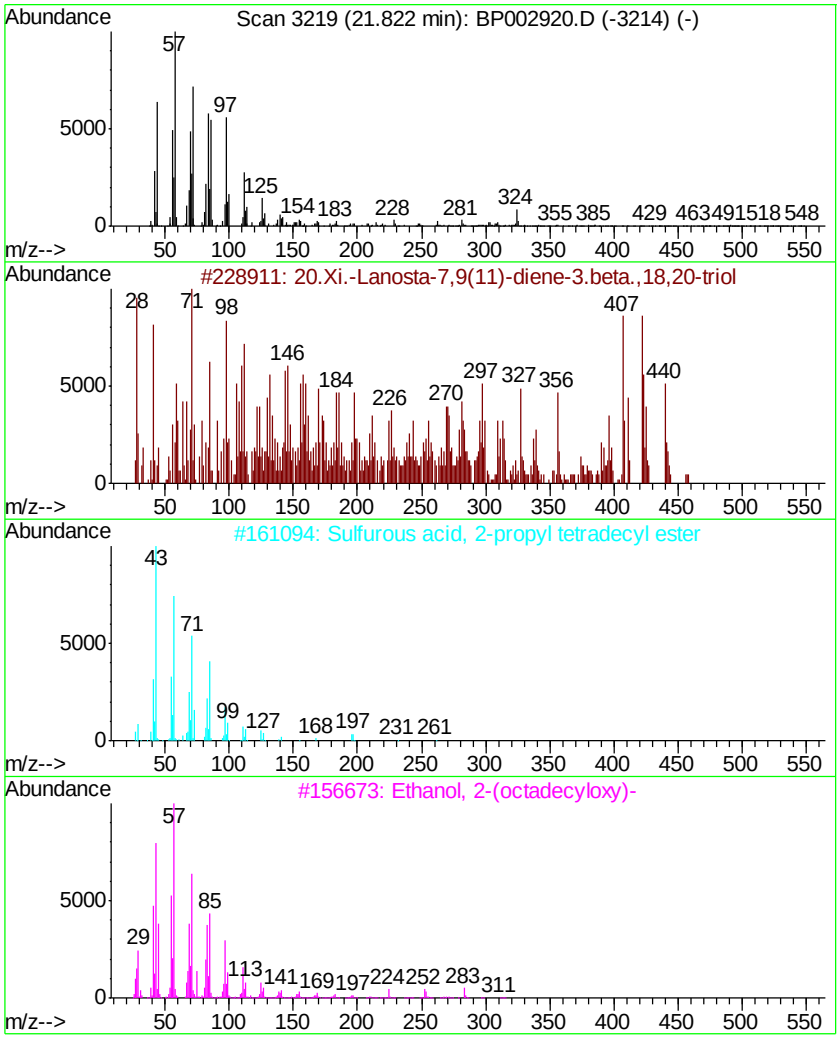
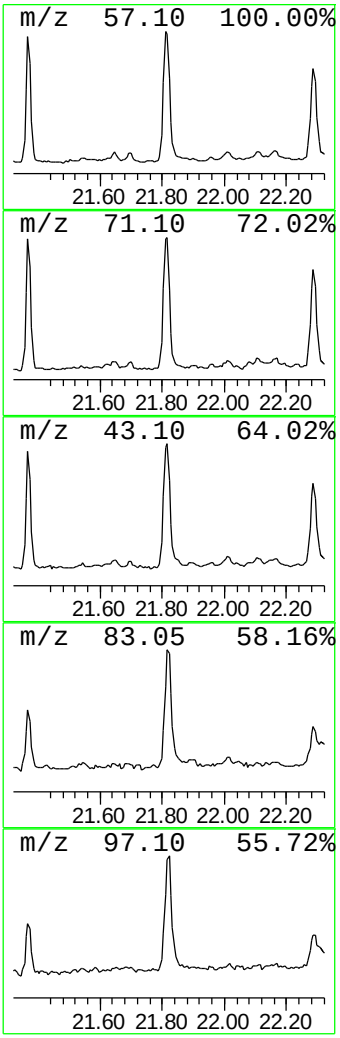
Peak Number 4 20.Xi.-Lanosta-7,9(11)-dien... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.82	2.11 ng	970543	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	20.Xi.-Lanosta-7,9(11)-diene-3.b...	458	C30H50O3	025116-58-9	91
2	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	91
3	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	90
4	Hexacosane	366	C26H54	000630-01-3	83
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080620\
Data File : BP002920.D
Acq On : 06 Aug 2020 15:15
Operator : CG/JU
Sample : L3548-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-004

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

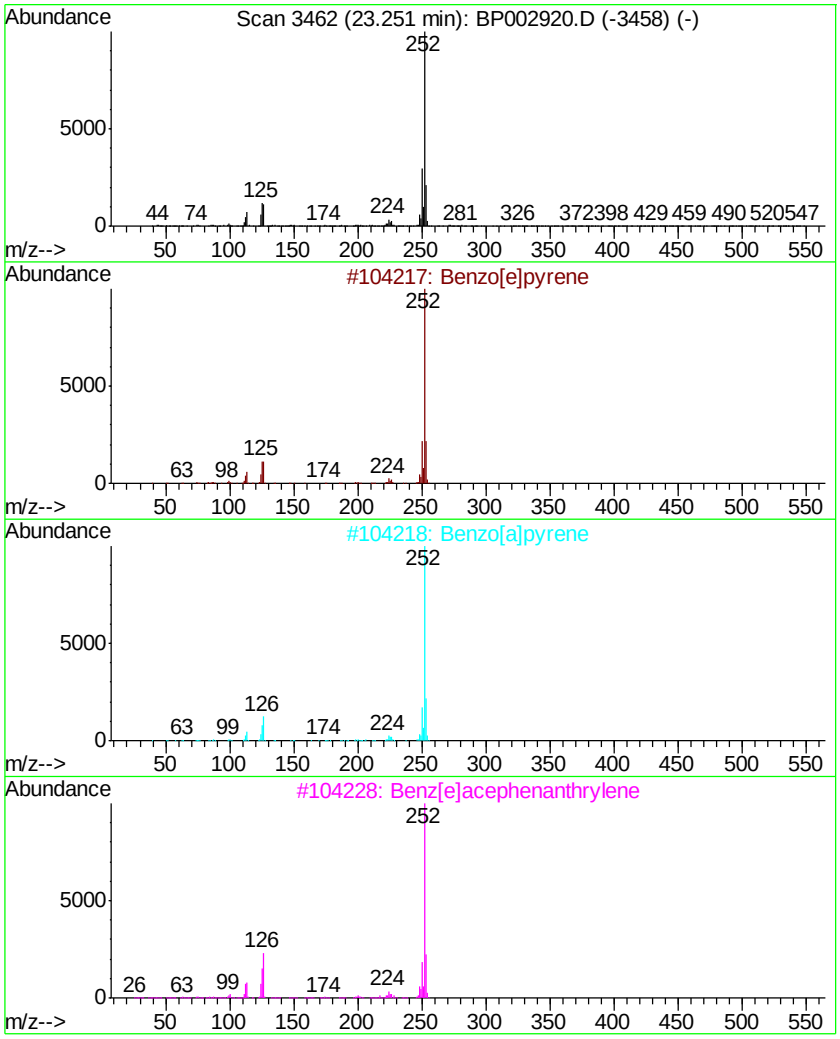
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

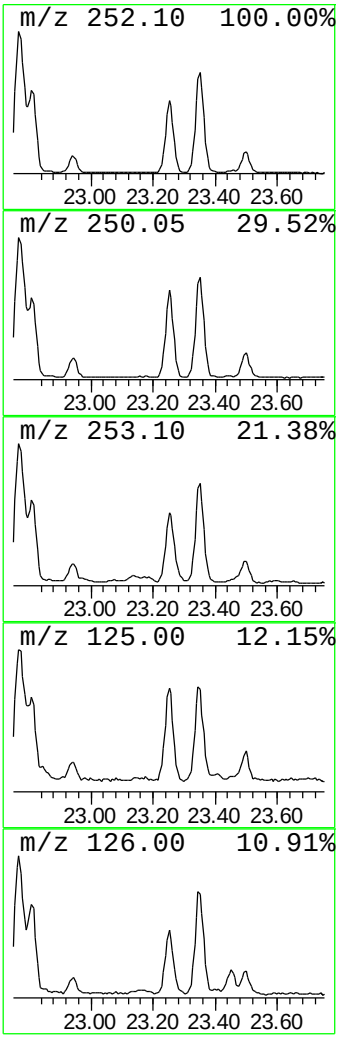
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.25	2.76 ng	1038110	Perylene-d12	23.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91
5	Perylene	252	C20H12	000198-55-0	90





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Data File : BP002920.D
Acq On : 06 Aug 2020 15:15
Operator : CG/JU
Sample : L3548-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-004

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

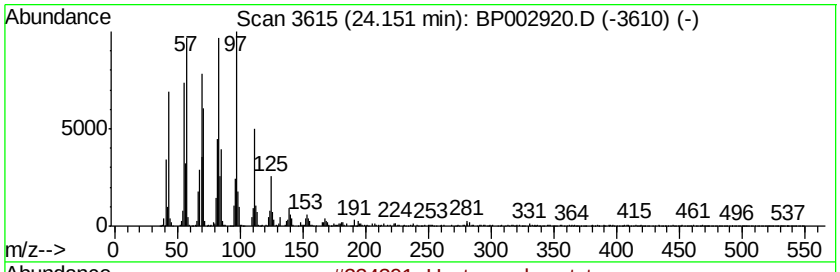
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

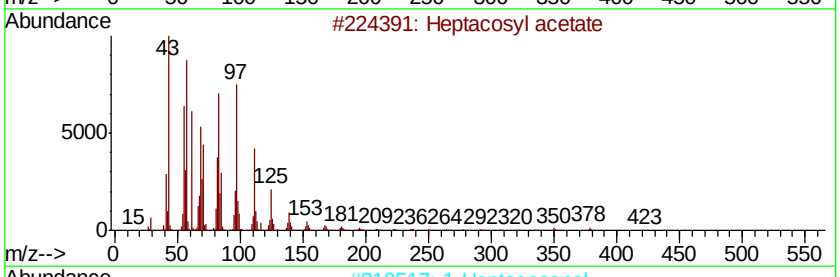
****

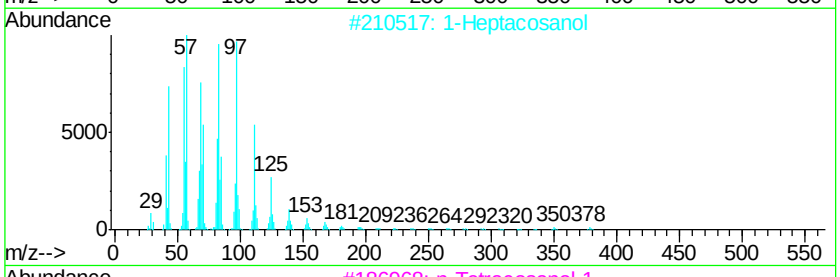
Peak Number 6 Heptacosyl acetate Concentration Rank 4

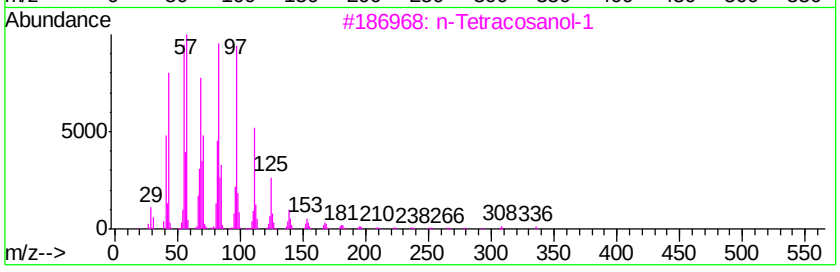
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.15	3.06 ng	1149510	Perylene-d12	23.45

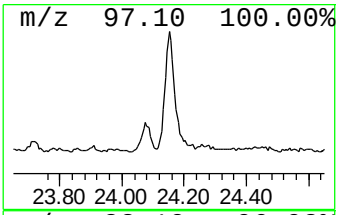
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosyl acetate	438	C29H58O2	1000351-78-2	95
2	1-Heptacosanol	396	C27H56O	002004-39-9	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	91

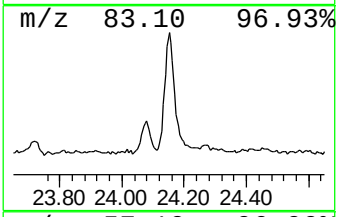


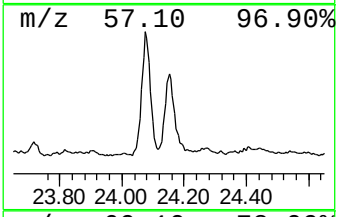


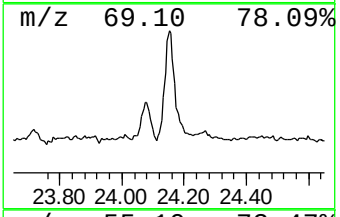


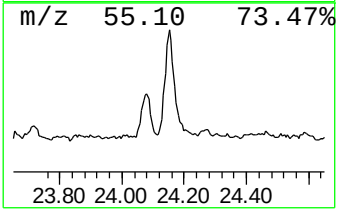












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP080620\
Data File : BP002920.D
Acq On : 06 Aug 2020 15:15
Operator : CG/JU
Sample : L3548-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-004

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.98	27.3	ng	2651290	1	7.71	1942200	20.0
n-Hexadecanoic acid	18.02	6.4	ng	1700110	4	17.10	5309250	20.0
1-Heneicosanol	20.93	7.1	ng	3265010	5	21.19	9203070	20.0
20.Xi.-Lanosta-7,...	21.82	2.1	ng	970543	5	21.19	9203070	20.0
Benzo[e]pyrene	23.25	2.8	ng	1038110	6	23.45	7515870	20.0
Heptacosyl acetate	24.15	3.1	ng	1149510	6	23.45	7515870	20.0