LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080520\
Data File : BP002908.D
Acq On : 05 Aug 2020 12:23
Operator : CG/JU
Sample : L3541-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TL-8

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	2.917	3	5	13	rVB2	398398	569615	3.30%	0.461%
2	2.987	13	17	32	rVB	1475412	1981297	11.46%	1.604%
3	5.316	407	413	422	rBV	4682883	6906580	39.96%	5.590%
4	6.887	672	680	691	rBV	4699418	7168509	41.48%	5.802%
5	7.716	813	821	829	rVB	1360439	2188180	12.66%	1.771%
6	8.857	998	1015	1024	rBV	2932901	4839306	28.00%	3.917%
7	10.493	1285	1293	1299	rBV	1910405	3182723	18.42%	2.576%
8	12.975	1708	1715	1721	rBV	7433708	11042134	63.89%	8.937%
9	13.804	1849	1856	1862	rBV	709797	1147731	6.64%	0.929%
10	14.287	1933	1938	1942	rBV2	118698	174125	1.01%	0.141%
11	14.351	1942	1949	1956	rBV	2956559	4519398	26.15%	3.658%
12	15.157	2083	2086	2094	rVB4	131748	228610	1.32%	0.185%
13	15.245	2097	2101	2106	rBV	136325	209825	1.21%	0.170%
14	15.651	2167	2170	2175	rVB	137857	181253	1.05%	0.147%
15	15.839	2196	2202	2212	rBV	6234351	8847635	51.19%	7.161%
16	16.133	2249	2252	2259	rVB	252879	371880	2.15%	0.301%
17	16.904	2380	2383	2388	rBV2	148830	246614	1.43%	0.200%
18	16.957	2389	2392	2398	rVB	191040	287813	1.67%	0.233%
19	17.104	2411	2417	2420	rBV	3542639	5156600	29.84%	4.173%
20	17.145	2420	2424	2429	rVB	1596973	2260104	13.08%	1.829%
21	17.233	2435	2439	2445	rVB	409511	557757	3.23%	0.451%
22	18.022	2569	2573	2580	rBV	1411406	1920336	11.11%	1.554%
23	18.163	2593	2597	2601	rBV2	350680	531540	3.08%	0.430%
24	19.122	2755	2760	2767	rBV	3926610	5198664	30.08%	4.208%
25	19.263	2780	2784	2788	rBV	881844	1233982	7.14%	0.999%
26	19.469	2811	2819	2826	rBV	3394368	5559838	32.17%	4.500%
27	19.680	2850	2855	2866	rVB	13359700	17282842	100.00%	13.988%
28	20.933	3065	3068	3072	rBV2	1537209	1924136	11.13%	1.557%
29	21.192	3106	3112	3116	rBV2	5598753	10072228	58.28%	8.152%
30	21.227	3116	3118	3128	rVB	2193936	2797749	16.19%	2.264%
31	22.780	3377	3382	3387	rBV	2272739	4888139	28.28%	3.956%
32	23.263	3461	3464	3473	rVB	1421080	2573332	14.89%	2.083%
33	23.363	3476	3481	3486	rVV	1614817	2918262	16.89%	2.362%
34	23.462	3493	3498	3503	rVB2	2694721	4587883	26.55%	3.713%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080520\
Data File : BP002908.D
Acq On : 05 Aug 2020 12:23
Operator : CG/JU
Sample : L3541-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TL-8

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

Sum of corrected areas: 123556620

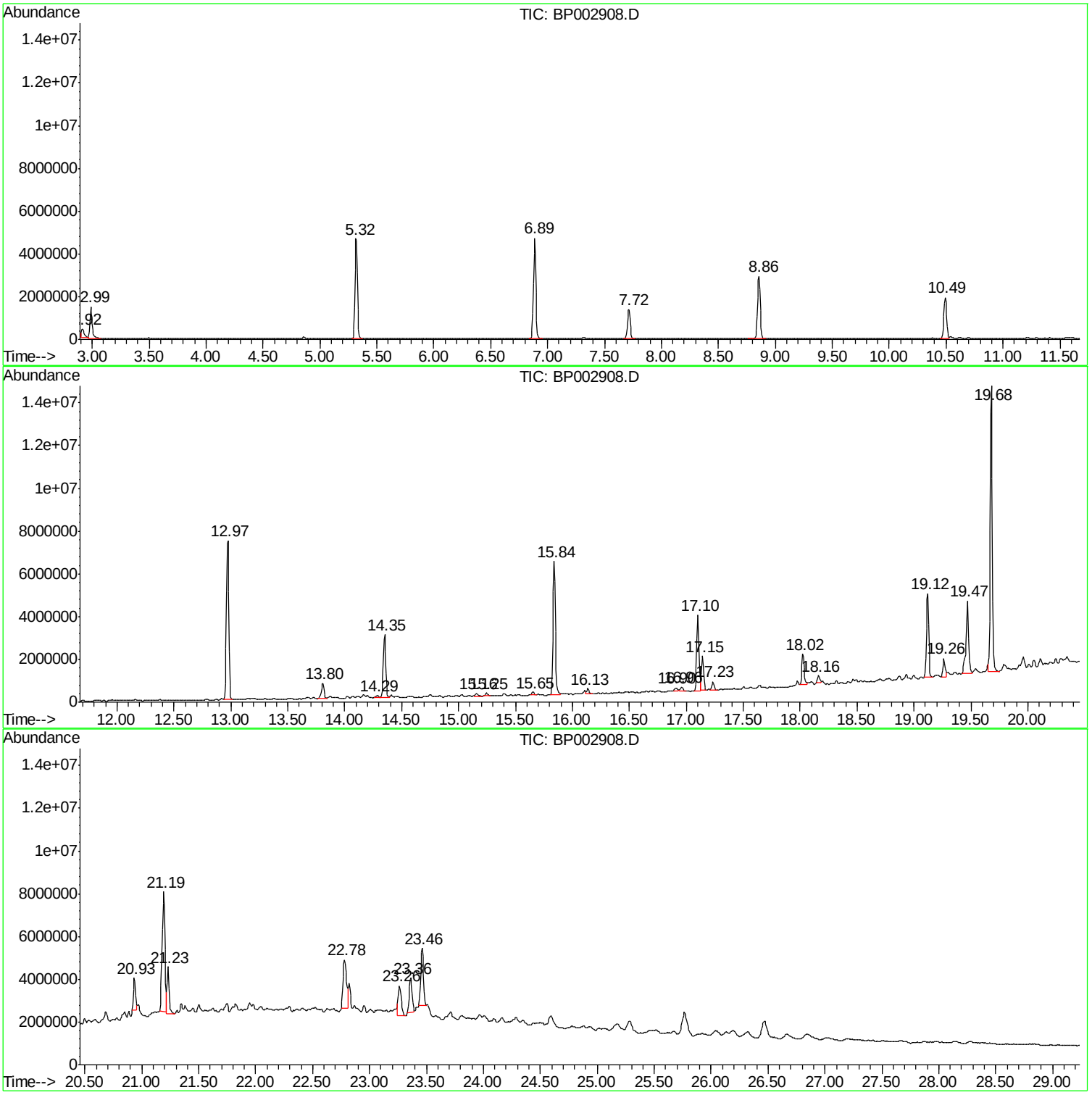
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080520\
Data File : BP002908.D
Acq On : 05 Aug 2020 12:23
Operator : CG/JU
Sample : L3541-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TL-8

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080520\
Data File : BP002908.D
Acq On : 05 Aug 2020 12:23
Operator : CG/JU
Sample : L3541-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TL-8

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

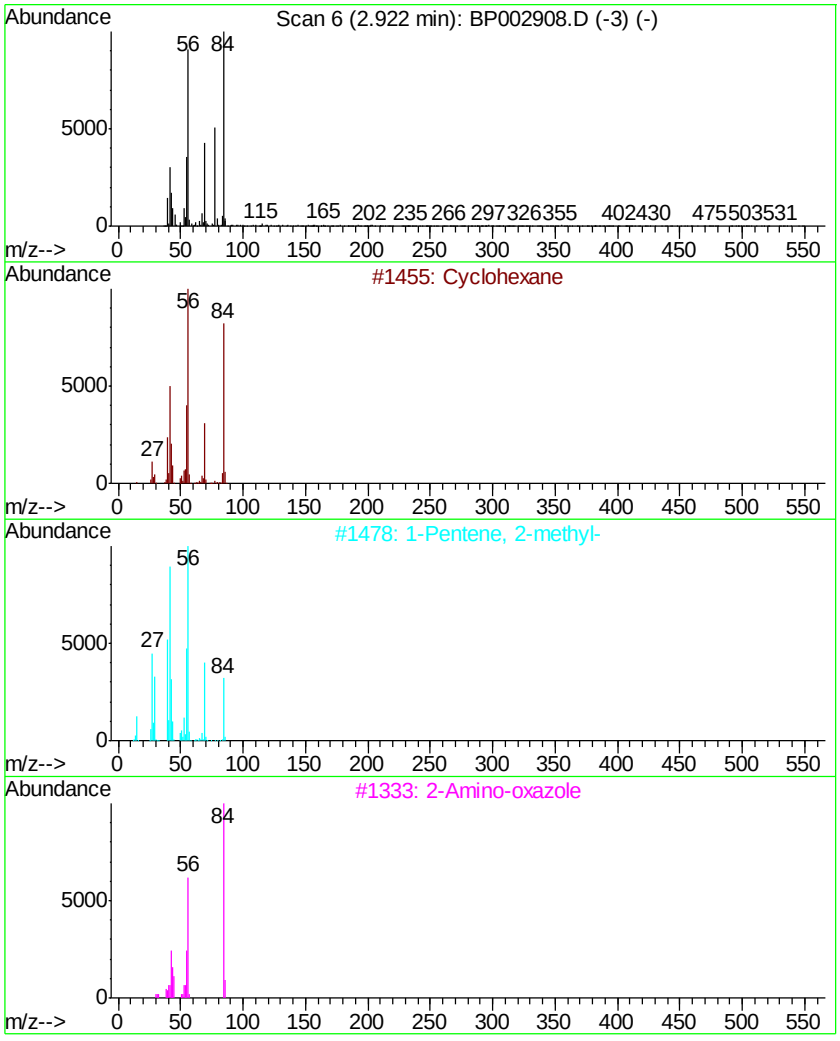
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

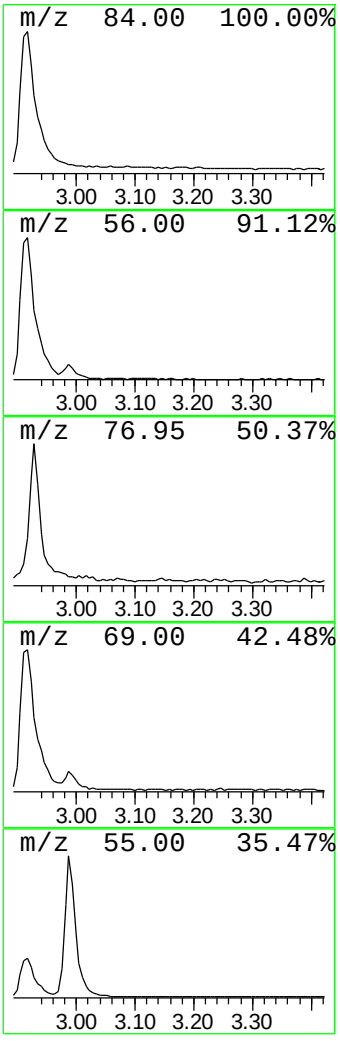
****

Peak Number 1 Cyclohexane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	5.21 ng	569615	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	90
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
3	2-Amino-oxazole	84	C3H4N2O	004570-45-0	50
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	40
5	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080520\
Data File : BP002908.D
Acq On : 05 Aug 2020 12:23
Operator : CG/JU
Sample : L3541-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TL-8

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

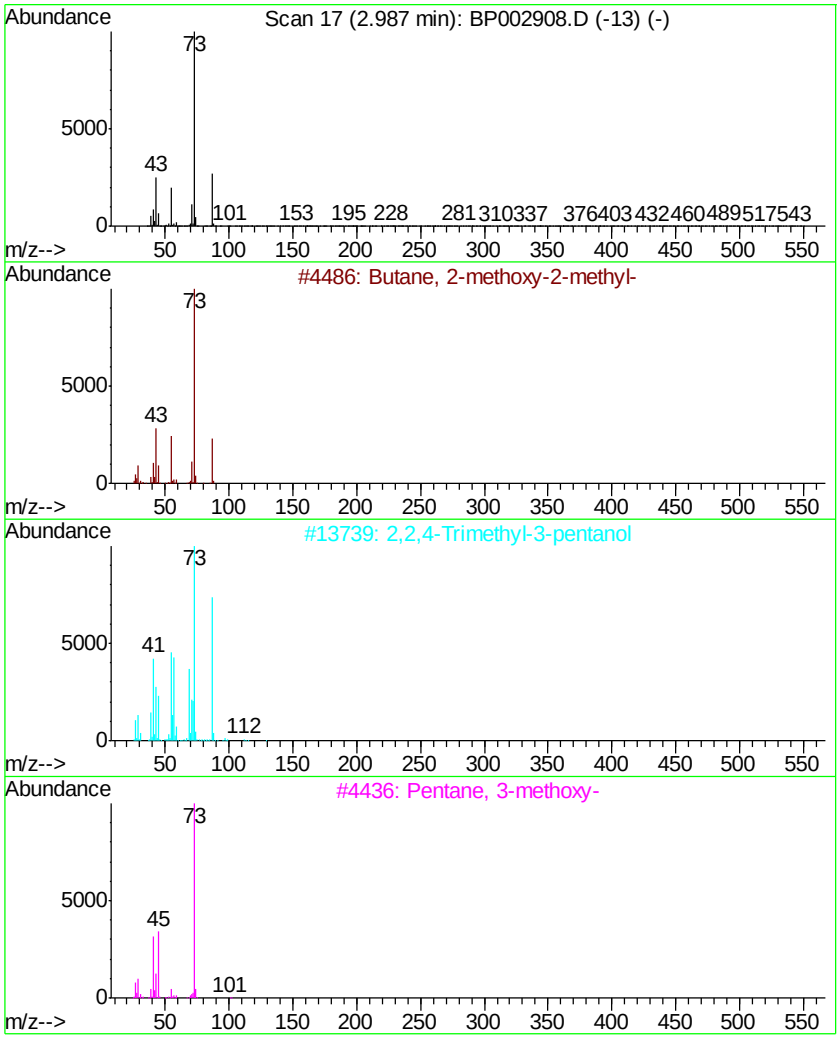
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

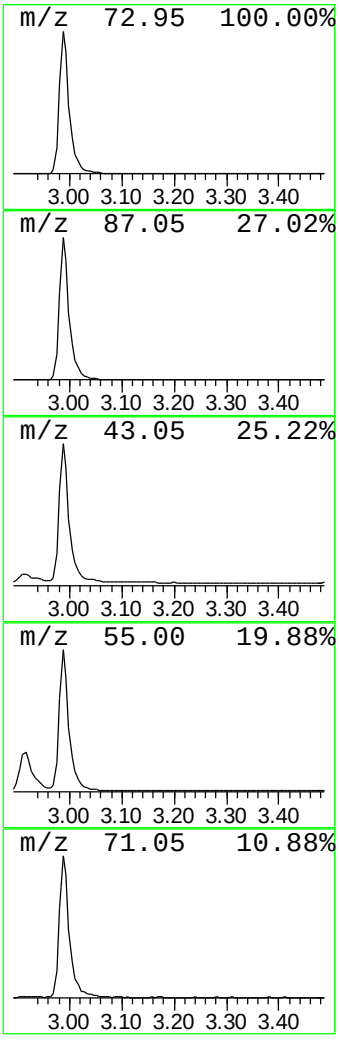
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	18.11 ng	1981300	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080520\
Data File : BP002908.D
Acq On : 05 Aug 2020 12:23
Operator : CG/JU
Sample : L3541-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TL-8

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

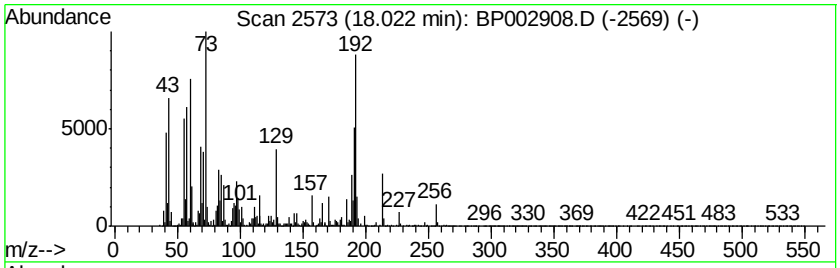
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

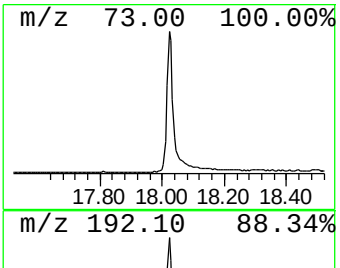
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	7.45 ng	1920340	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080520\
Data File : BP002908.D
Acq On : 05 Aug 2020 12:23
Operator : CG/JU
Sample : L3541-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TL-8

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

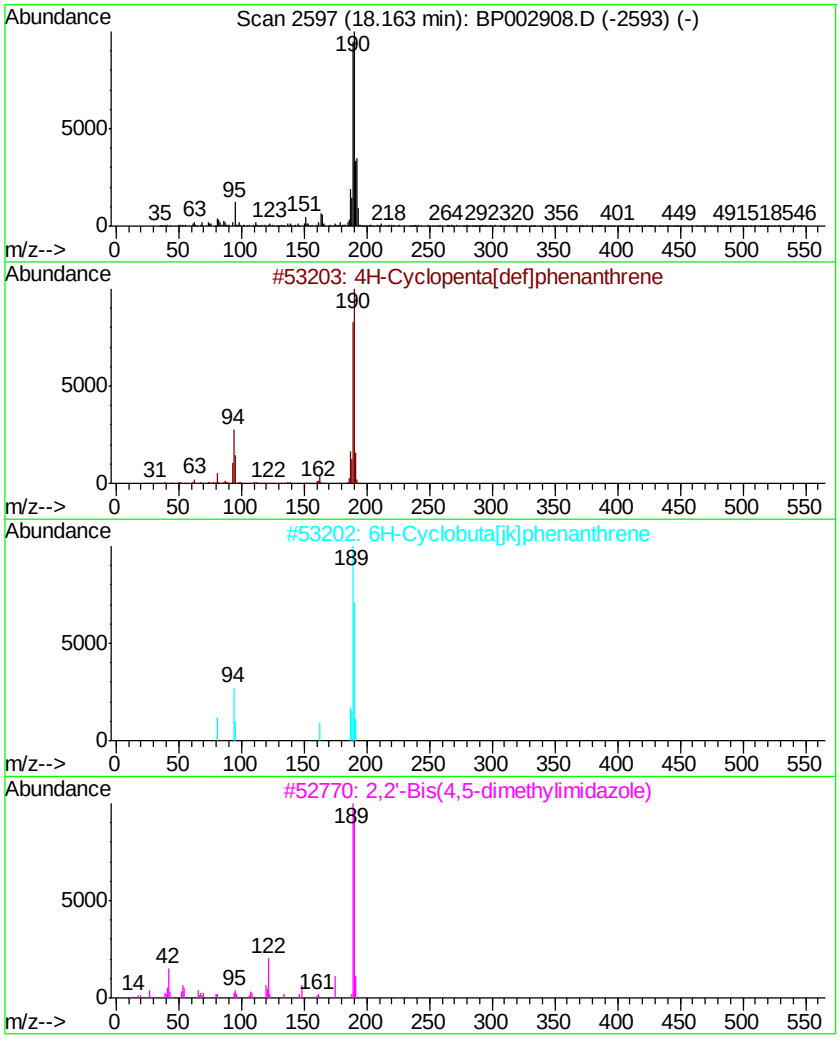
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

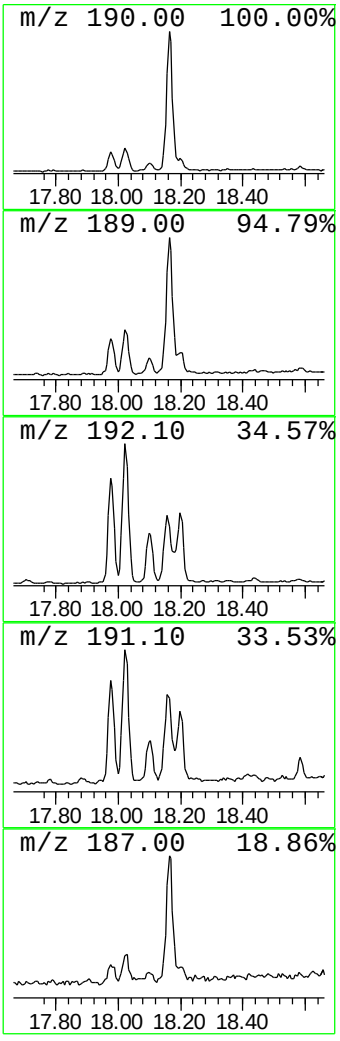
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	2.06 ng	531540	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	53
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	53
5	1-(Phenylethynyl)-1H-1,2,3-benzo...	219	C14H9N3	209912-23-2	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080520\
Data File : BP002908.D
Acq On : 05 Aug 2020 12:23
Operator : CG/JU
Sample : L3541-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TL-8

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

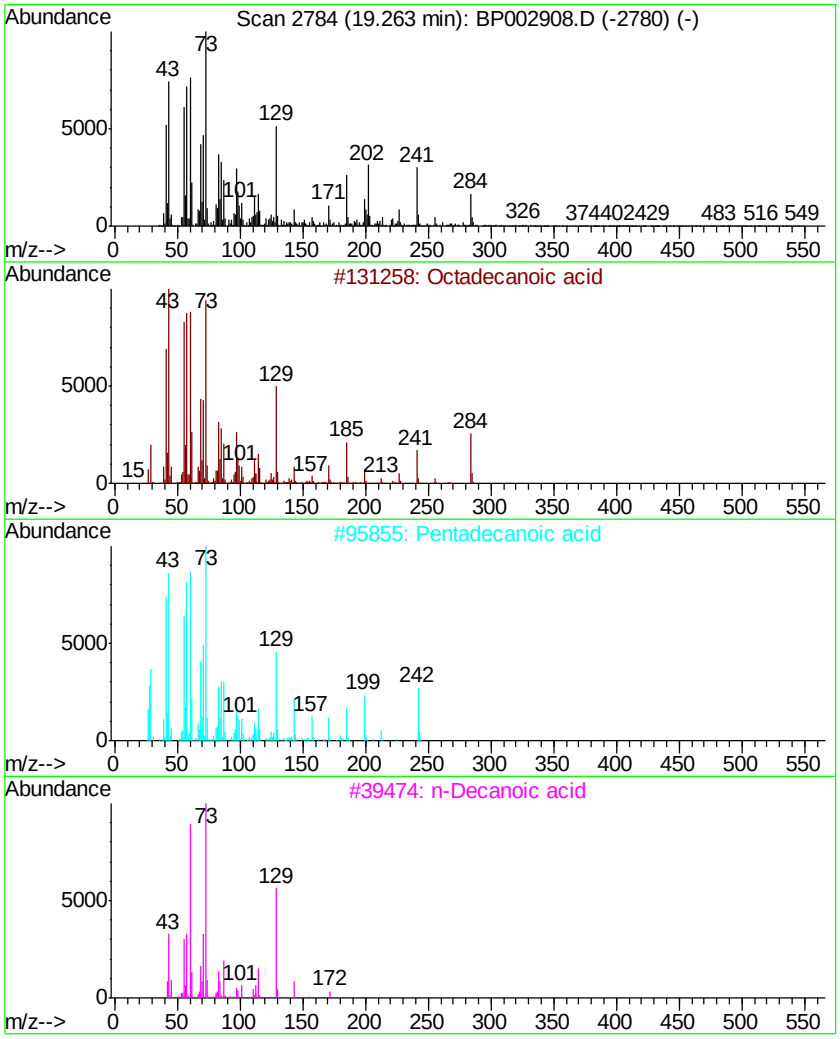
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

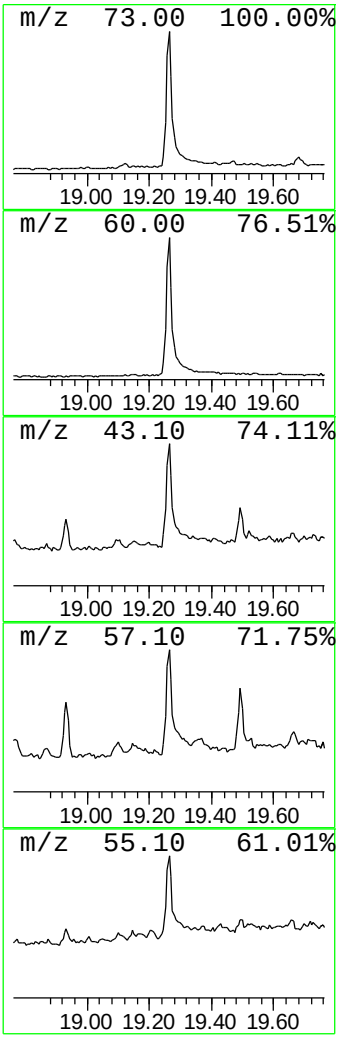
****

Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	2.45 ng	1233980	Chrysene-d12	21.19

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	92
3	n-Decanoic acid	172	C10H20O2	000334-48-5	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	60





Library Search Compound Report

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Data File : BP002908.D
Acq On : 05 Aug 2020 12:23
Operator : CG/JU
Sample : L3541-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TL-8

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

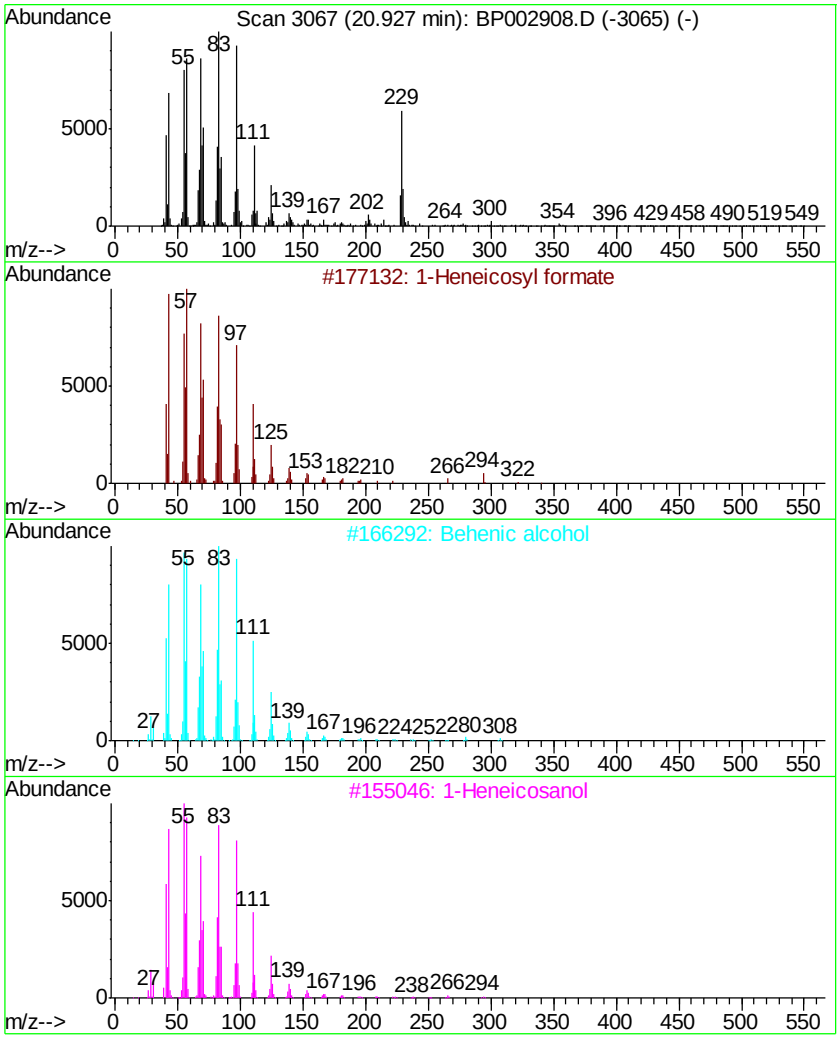
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

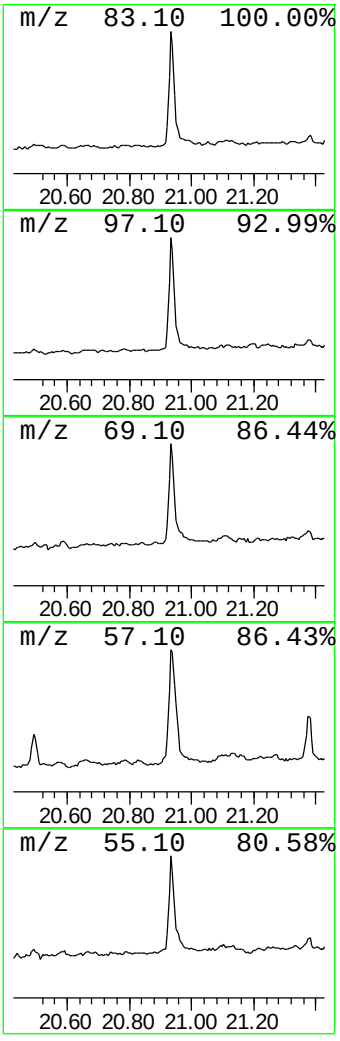
****

Peak Number 7 1-Heneicosyl formate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	3.82 ng	1924140	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
2	Behenic alcohol	326	C22H46O	000661-19-8	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	1-Nonadecene	266	C19H38	018435-45-5	87
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080520\
Data File : BP002908.D
Acq On : 05 Aug 2020 12:23
Operator : CG/JU
Sample : L3541-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TL-8

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

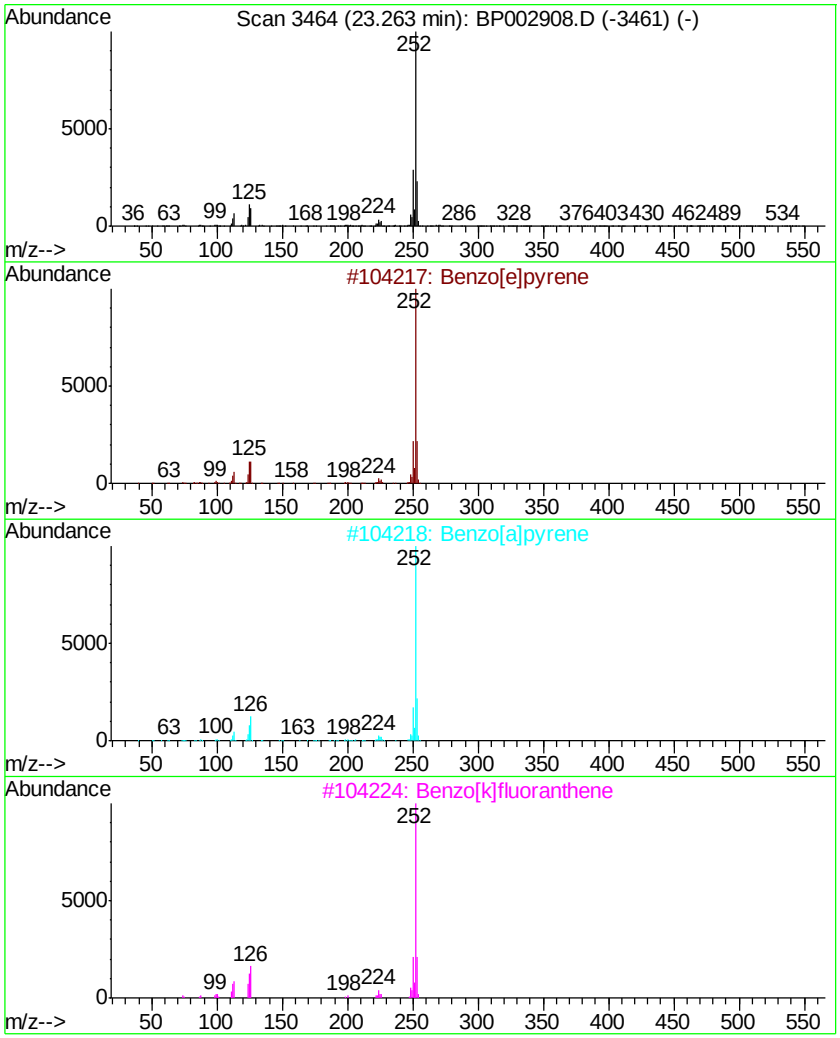
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

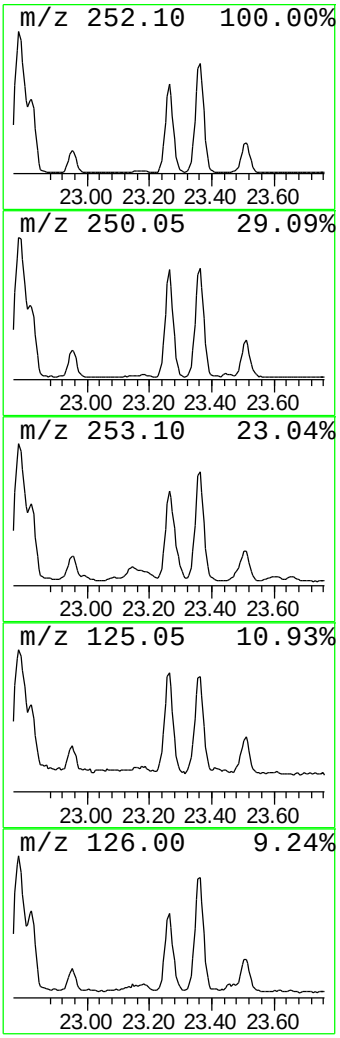
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.26	11.22 ng	2573330	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP080520\
Data File : BP002908.D
Acq On : 05 Aug 2020 12:23
Operator : CG/JU
Sample : L3541-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TL-8

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
Cyclohexane	2.92	5.2	ng	569615	1	7.72	2188180	20.0
Butane, 2-methoxy...	2.99	18.1	ng	1981300	1	7.72	2188180	20.0
n-Hexadecanoic acid	18.02	7.5	ng	1920340	4	17.10	5156600	20.0
4H-Cyclopenta[def...	18.16	2.1	ng	531540	4	17.10	5156600	20.0
Octadecanoic acid	19.26	2.5	ng	1233980	5	21.19	10072200	20.0
1-Heneicosyl formate	20.93	3.8	ng	1924140	5	21.19	10072200	20.0
Benzo[e]pyrene	23.26	11.2	ng	2573330	6	23.46	4587880	20.0