LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080620\
Data File : BP002921.D
Acq On : 06 Aug 2020 15:49
Operator : CG/JU
Sample : L3547-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-012

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	37	rVB	2168388	3014527	10.18%	1.624%
2	5.316	406	413	423	rBV	6975458	9971439	33.66%	5.370%
3	6.887	672	680	696	rBV	6473412	10379360	35.04%	5.590%
4	7.710	813	820	828	rVB	1651636	2492318	8.41%	1.342%
5	8.857	1007	1015	1025	rBV	4180158	6977839	23.56%	3.758%
6	10.493	1284	1293	1300	rBV	2143059	3623683	12.23%	1.952%
7	12.969	1707	1714	1728	rBV	12132518	18764254	63.35%	10.106%
8	13.269	1758	1765	1772	rBV	608441	930744	3.14%	0.501%
9	13.804	1849	1856	1865	rBV	997136	1398541	4.72%	0.753%
10	14.345	1941	1948	1955	rBV	3457632	5199739	17.55%	2.801%
11	15.839	2190	2202	2213	rBV	10157552	14190677	47.91%	7.643%
12	17.098	2410	2416	2420	rBV	4651111	6391402	21.58%	3.442%
13	17.139	2420	2423	2429	rVB	1738399	2352287	7.94%	1.267%
14	17.233	2434	2439	2444	rVB	289261	418819	1.41%	0.226%
15	17.975	2560	2565	2569	rBV	416673	585196	1.98%	0.315%
16	18.022	2569	2573	2580	rVV	1784020	2408836	8.13%	1.297%
17	18.092	2581	2585	2590	rVV2	164386	346222	1.17%	0.186%
18	18.157	2591	2596	2600	rVV2	600757	1006542	3.40%	0.542%
19	18.198	2600	2603	2610	rVB	310714	419892	1.42%	0.226%
20	18.463	2643	2648	2650	rBV	250450	373545	1.26%	0.201%
21	18.486	2650	2652	2665	rVB2	396430	592900	2.00%	0.319%
22	18.863	2710	2716	2721	rBV2	423957	806904	2.72%	0.435%
23	18.927	2722	2727	2730	rVV2	204613	322387	1.09%	0.174%
24	18.992	2735	2738	2746	rVB2	253449	441506	1.49%	0.238%
25	19.116	2754	2759	2765	rBV	4199092	5316291	17.95%	2.863%
26	19.257	2779	2783	2788	rBV	699667	926779	3.13%	0.499%
27	19.469	2810	2819	2826	rBV	3729891	5913824	19.96%	3.185%
28	19.680	2849	2855	2865	rVB	22207654	29621731	100.00%	15.954%
29	19.792	2868	2874	2879	rBV2	327493	749849	2.53%	0.404%
30	19.922	2892	2896	2898	rBV2	253928	390303	1.32%	0.210%
31	19.951	2898	2901	2907	rVB	553060	848906	2.87%	0.457%
32	20.051	2914	2918	2922	rBV2	318570	381272	1.29%	0.205%
33	20.104	2923	2927	2931	rBV2	445901	643175	2.17%	0.346%
34	20.245	2947	2951	2954	rBV	298818	368749	1.24%	0.199%

LSC Area Percent Report

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Acq On : 06 Aug 2020 15:49
Operator : CG/JU
Sample : L3547-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-012

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	20.286	2954	2958	2962	rBV	282606	396476	1.34%	0.214%
36	20.492	2990	2993	2996	rBV2	335329	363663	1.23%	0.196%
37	20.680	3021	3025	3032	rVB	561371	819923	2.77%	0.442%
38	20.845	3046	3053	3056	rBV2	447222	931582	3.14%	0.502%
39	20.880	3056	3059	3062	rVB	332766	339411	1.15%	0.183%
40	20.927	3062	3067	3072	rBV2	3172740	4560240	15.39%	2.456%
41	21.127	3098	3101	3105	rVV	1000776	1077828	3.64%	0.581%
42	21.192	3105	3112	3115	rVV2	6700357	11251617	37.98%	6.060%
43	21.227	3115	3118	3128	rVB	2245506	3119644	10.53%	1.680%
44	21.369	3139	3142	3148	rVB2	596140	762802	2.58%	0.411%
45	21.816	3211	3218	3225	rBV3	1206539	2374764	8.02%	1.279%
46	21.939	3236	3239	3242	rBV	265454	342584	1.16%	0.185%
47	22.286	3295	3298	3302	rVB	361838	425686	1.44%	0.229%
48	22.774	3375	3381	3385	rBV	1710420	3824233	12.91%	2.060%
49	22.816	3385	3388	3392	rVB	1171017	1657862	5.60%	0.893%
50	22.945	3407	3410	3416	rVB	336325	519837	1.75%	0.280%
51	23.257	3458	3463	3472	rVB	945061	1785922	6.03%	0.962%
52	23.351	3474	3479	3485	rBV	1269389	2269323	7.66%	1.222%
53	23.451	3490	3496	3502	rVV2	3107217	5571951	18.81%	3.001%
54	24.080	3599	3603	3609	rVB	448372	789416	2.66%	0.425%
55	24.157	3611	3616	3630	rVB2	591749	1273740	4.30%	0.686%
56	25.757	3882	3888	3901	rVB3	832825	2642569	8.92%	1.423%

Sum of corrected areas: 185671511

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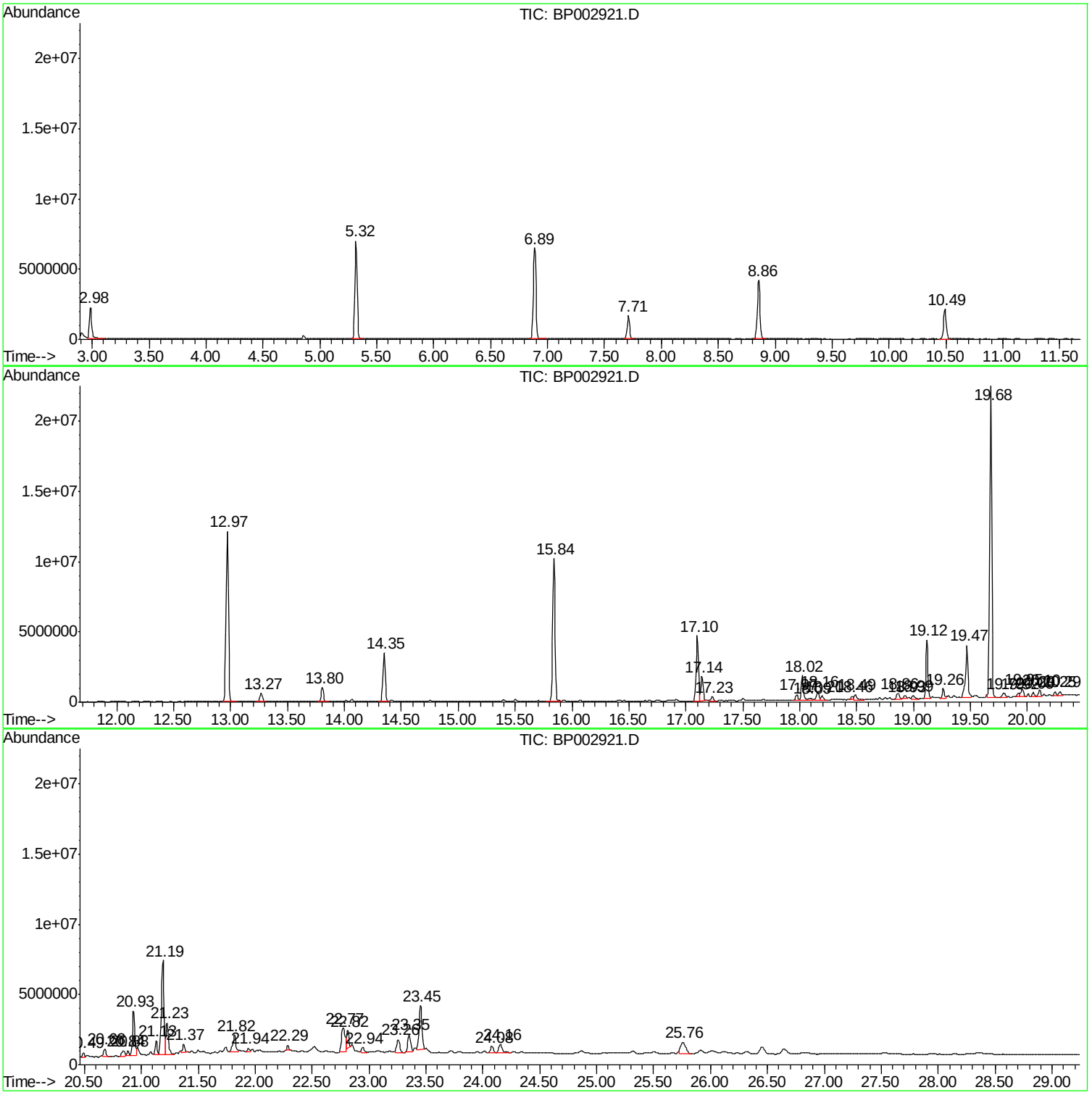
Operator : CG/JU
Sample : L3547-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-012

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 : BP002921.D
Acq On : 06 Aug 2020 15:49
Operator : CG/JU
Sample : L3547-01
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Instrument : BNA_P
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

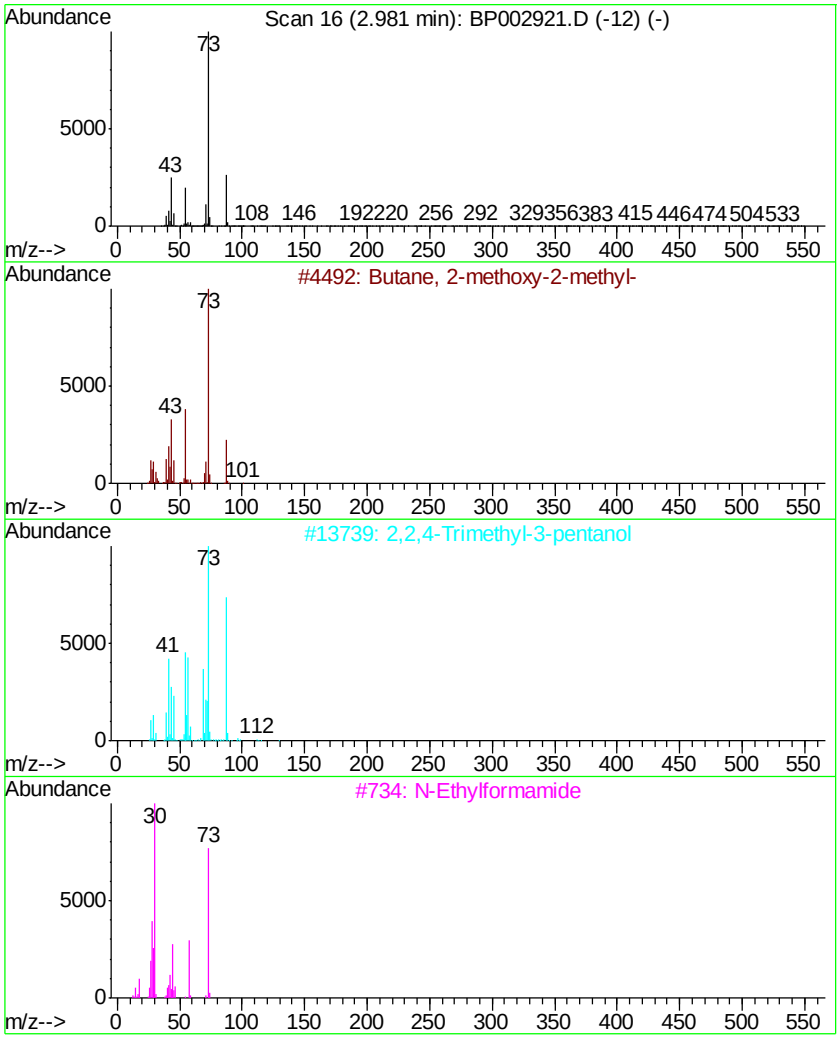
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

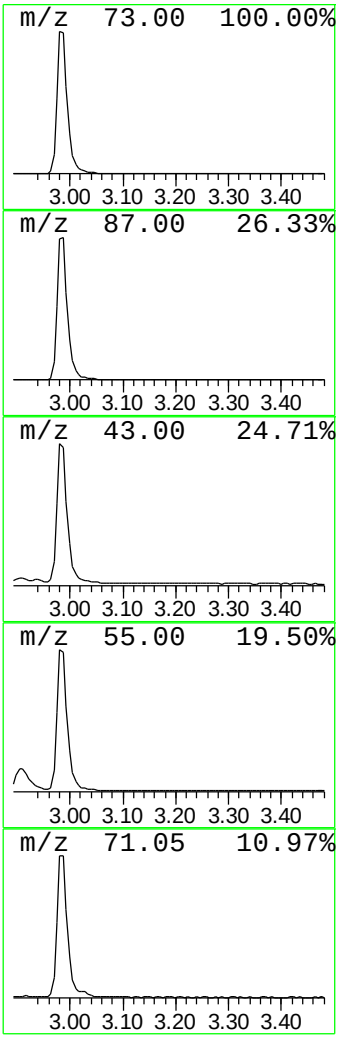
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	24.19 ng	3014530	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	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080620\
Data File : BP002921.D
Acq On : 06 Aug 2020 15:49
Operator : CG/JU
Sample : L3547-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-012

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

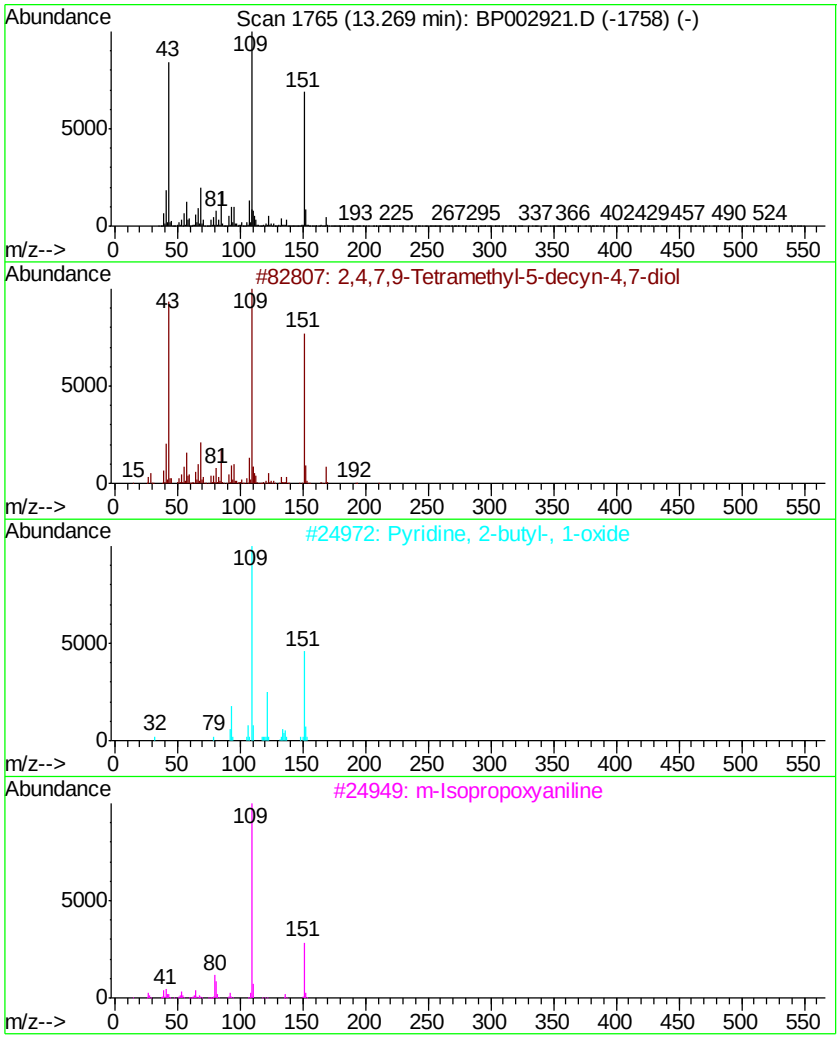
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

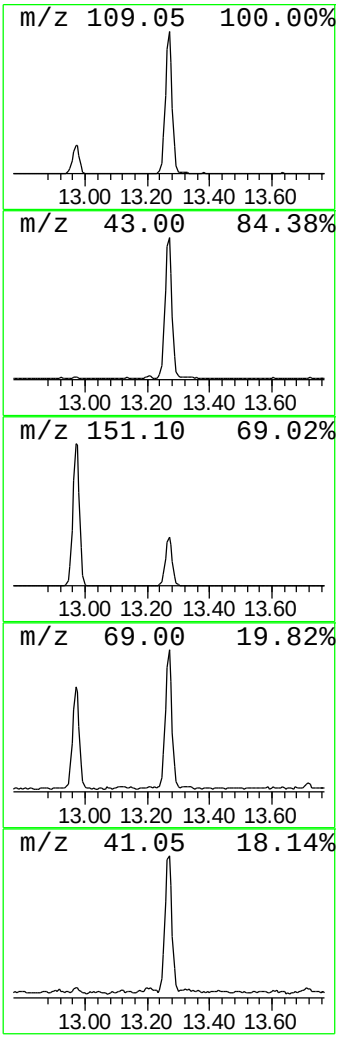
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	3.58 ng	930744	Acenaphthene-d10	14.35

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	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
3	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	53
4	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	43
5	8-(2,6-Dimethyl-hepta-1,5-dienyl...	272	C20H32	113725-56-7	41





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080620\
Data File : BP002921.D
Acq On : 06 Aug 2020 15:49
Operator : CG/JU
Sample : L3547-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-012

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

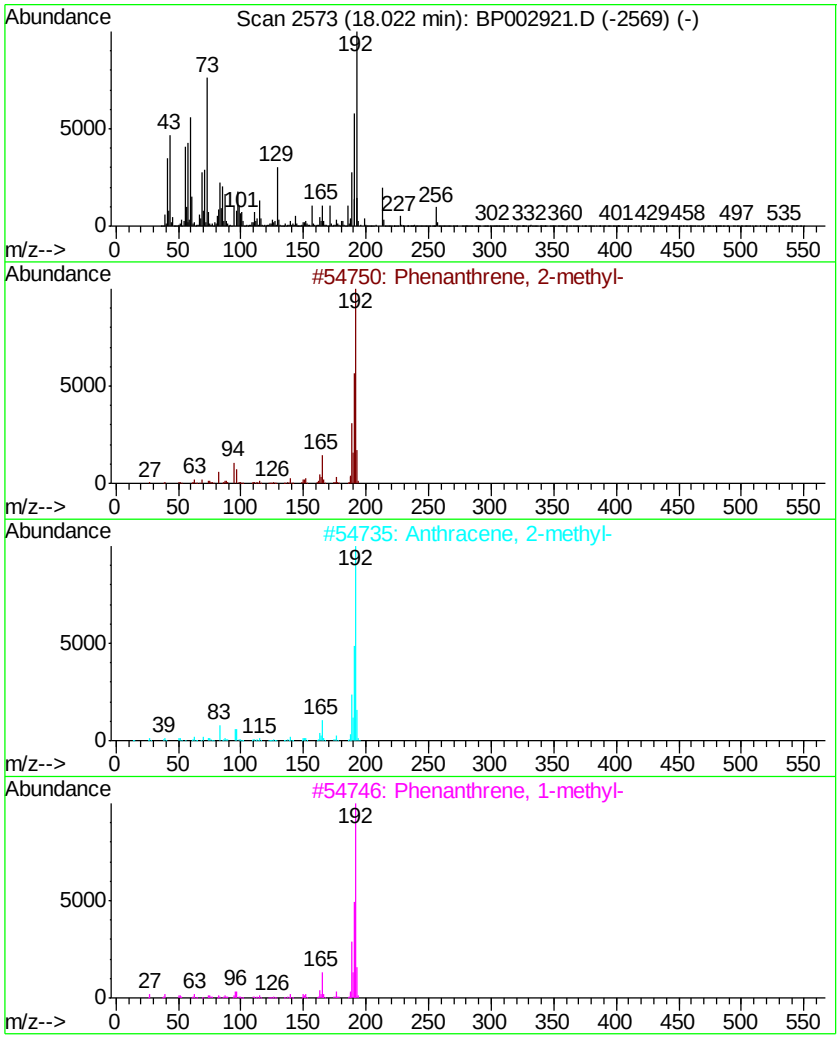
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

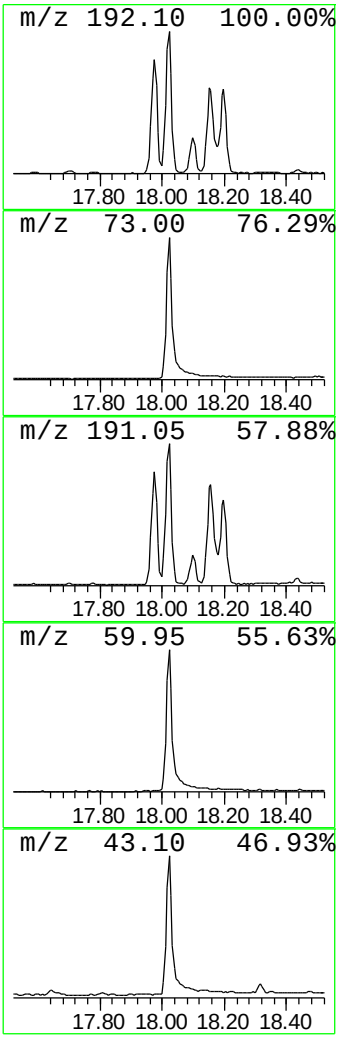
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	7.54 ng	2408840	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080620\
Data File : BP002921.D
Acq On : 06 Aug 2020 15:49
Operator : CG/JU
Sample : L3547-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-012

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

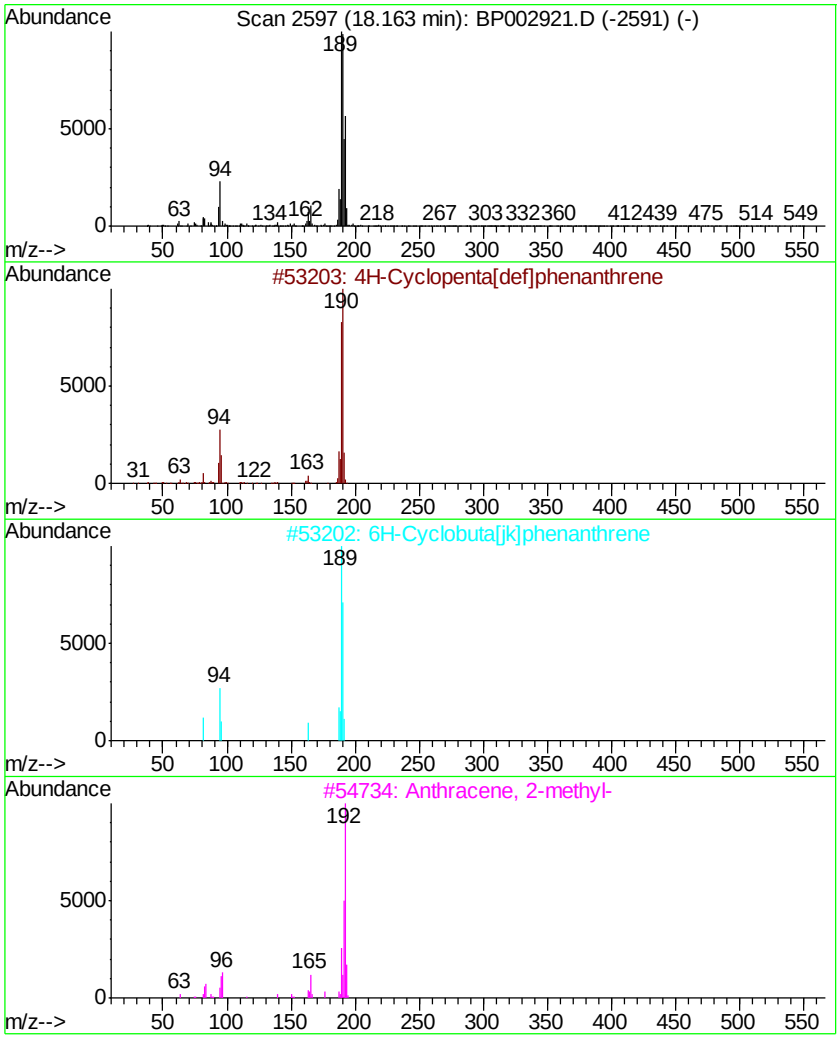
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

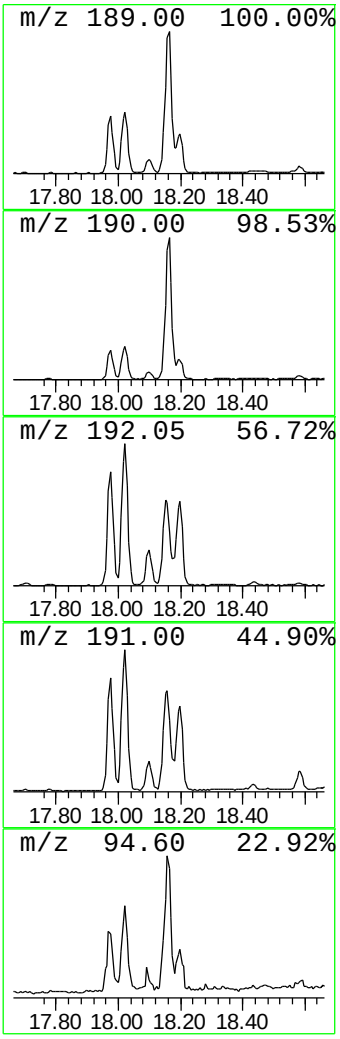
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	3.15 ng	1006540	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	49
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42





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Misc :
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Instrument : BNA_P
ClientSampleId : CRT-012

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

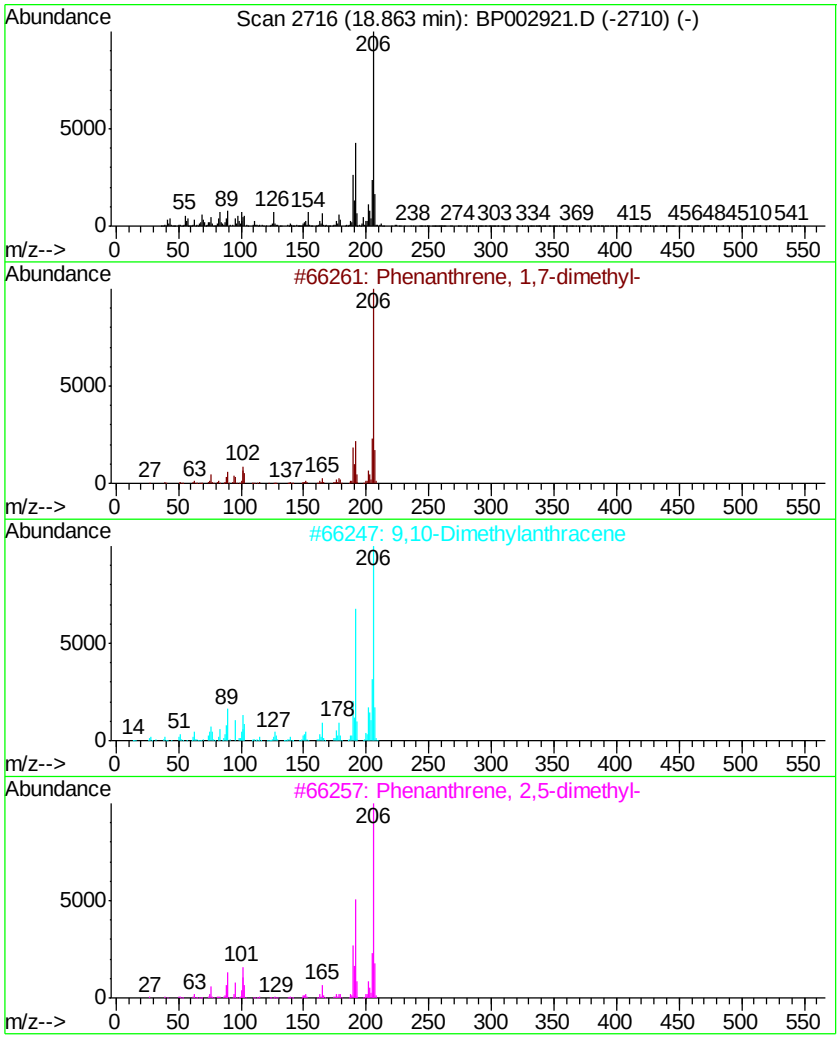
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

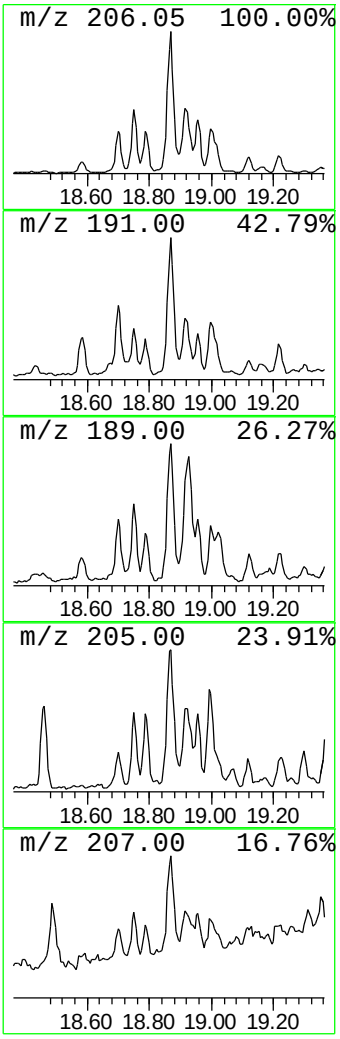
****

Peak Number 5 Phenanthrene, 1,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	2.52 ng	806904	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

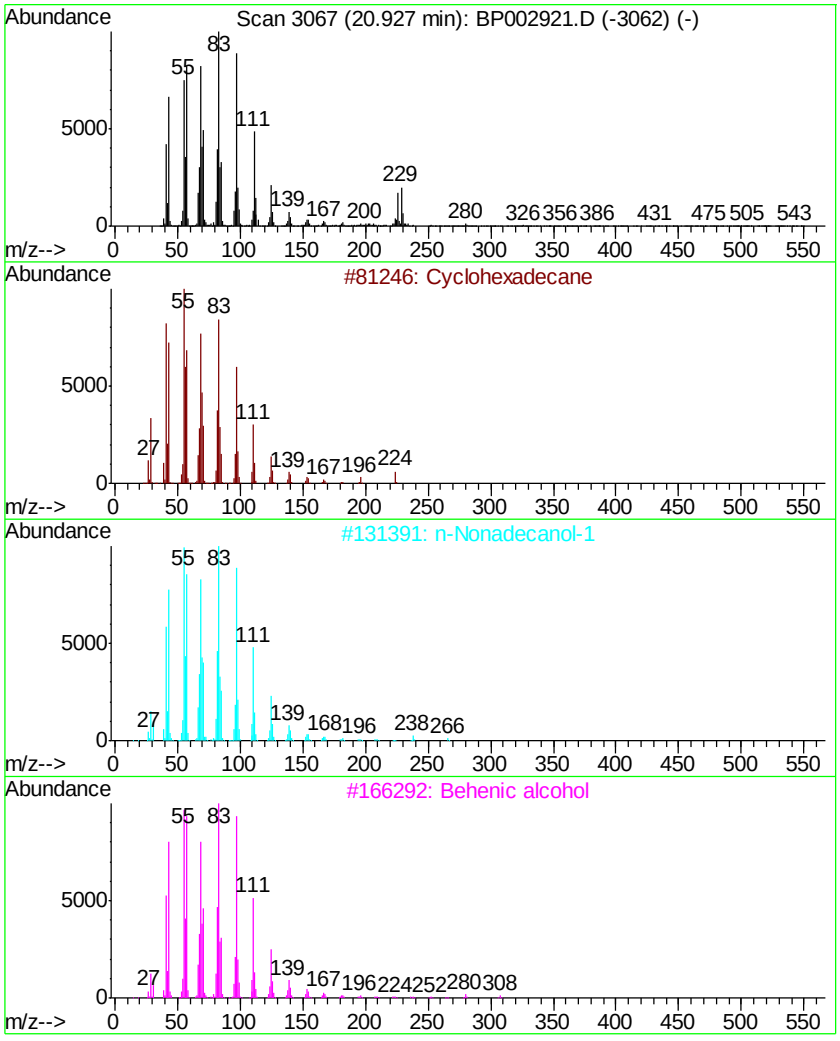
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

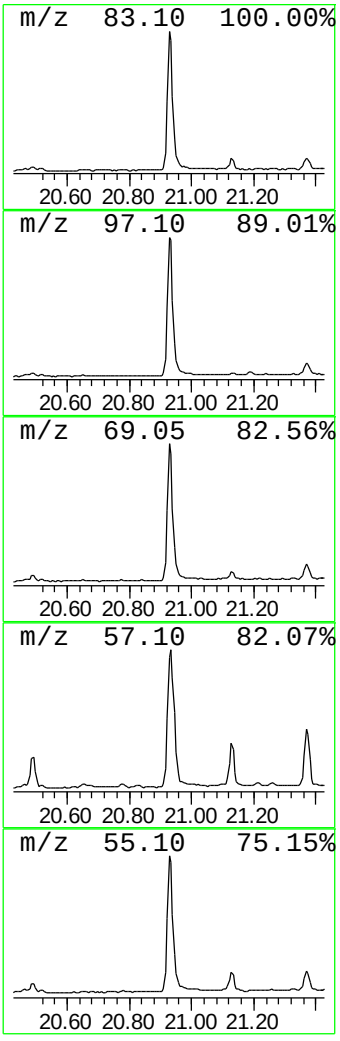
****

Peak Number 6 Cyclohexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	8.11 ng	4560240	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	Cyclopentadecane	210	C15H30	000295-48-7	93





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Instrument : BNA_P
ClientSampleId : CRT-012

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

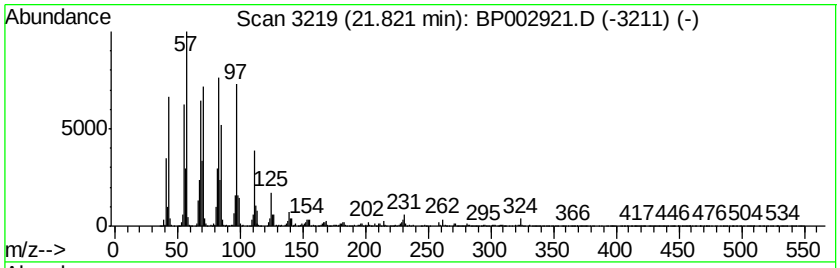
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

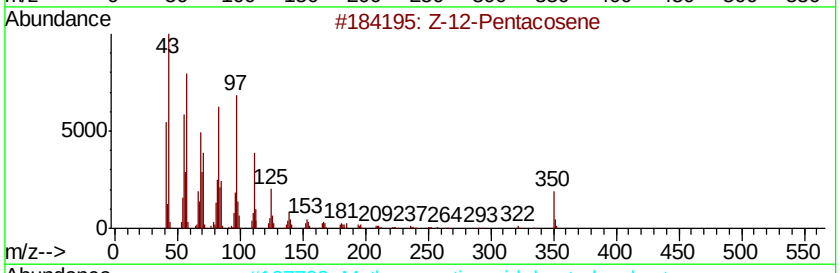
****

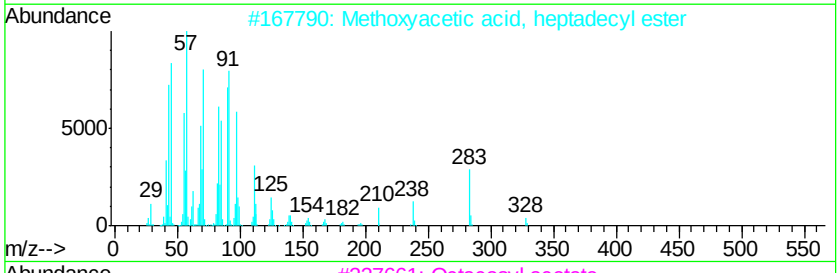
Peak Number 7 Z-12-Pentacosene Concentration Rank 6

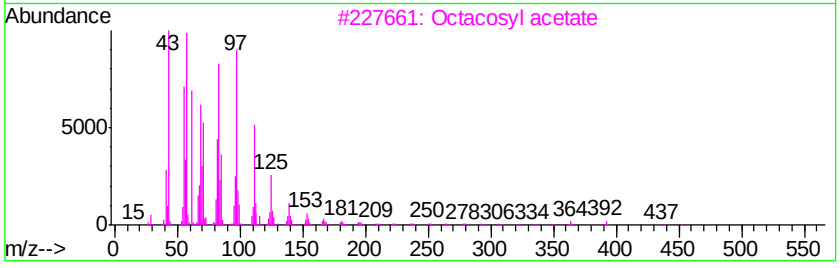
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.82	4.22 ng	2374760	Chrysene-d12	21.19

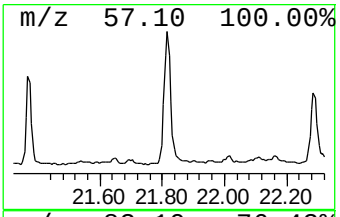
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-12-Pentacosene	350	C25H50	1000131-09-4	93
2	Methoxyacetic acid, heptadecyl e...	328	C20H40O3	1000282-99-1	90
3	Octacosyl acetate	452	C30H60O2	018206-97-8	90
4	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	76
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	70

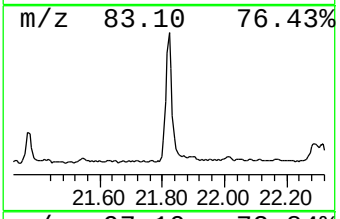


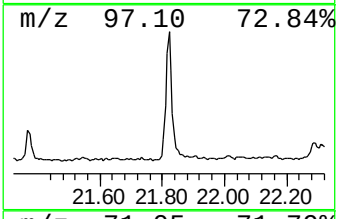


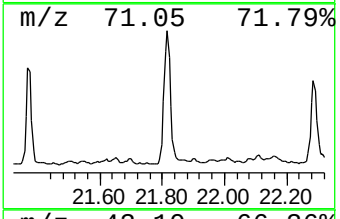


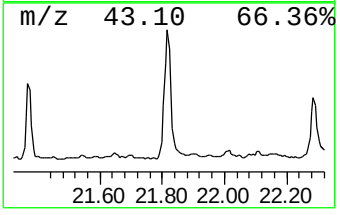












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Data File : BP002921.D
Acq On : 06 Aug 2020 15:49
Operator : CG/JU
Sample : L3547-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-012

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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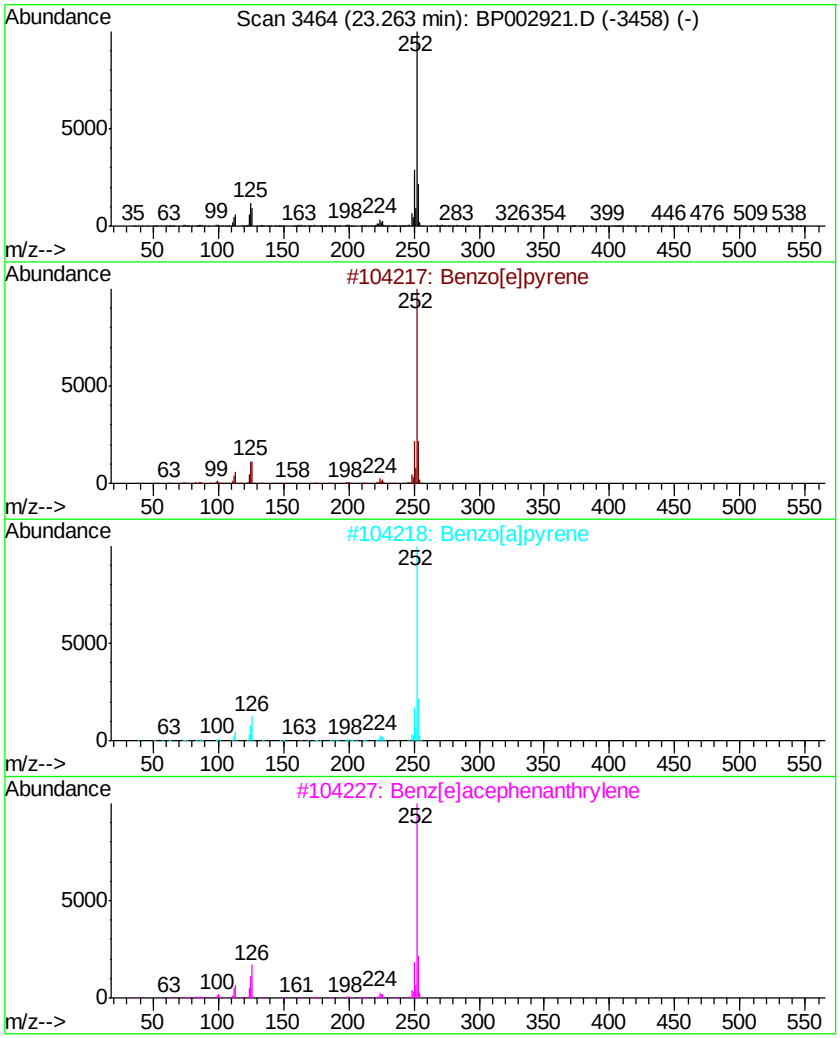
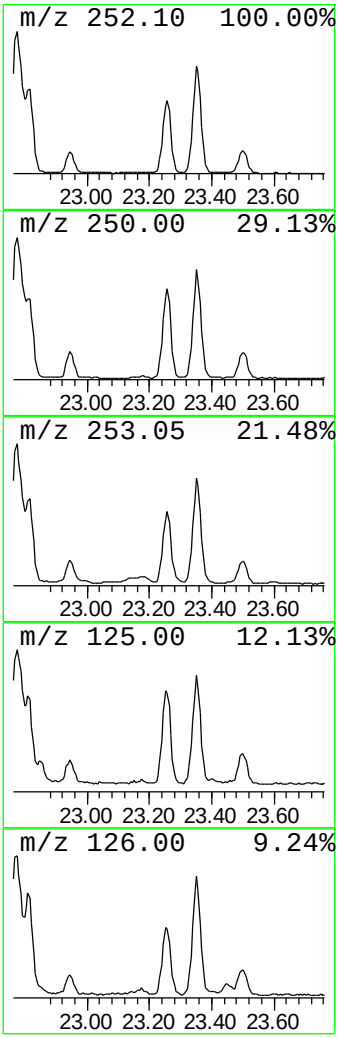
Peak Number 8 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.26	6.41 ng	1785920	Perylene-d12	23.45

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	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Perylene	252	C20H12	000198-55-0	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080620\
Data File : BP002921.D
Acq On : 06 Aug 2020 15:49
Operator : CG/JU
Sample : L3547-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-012

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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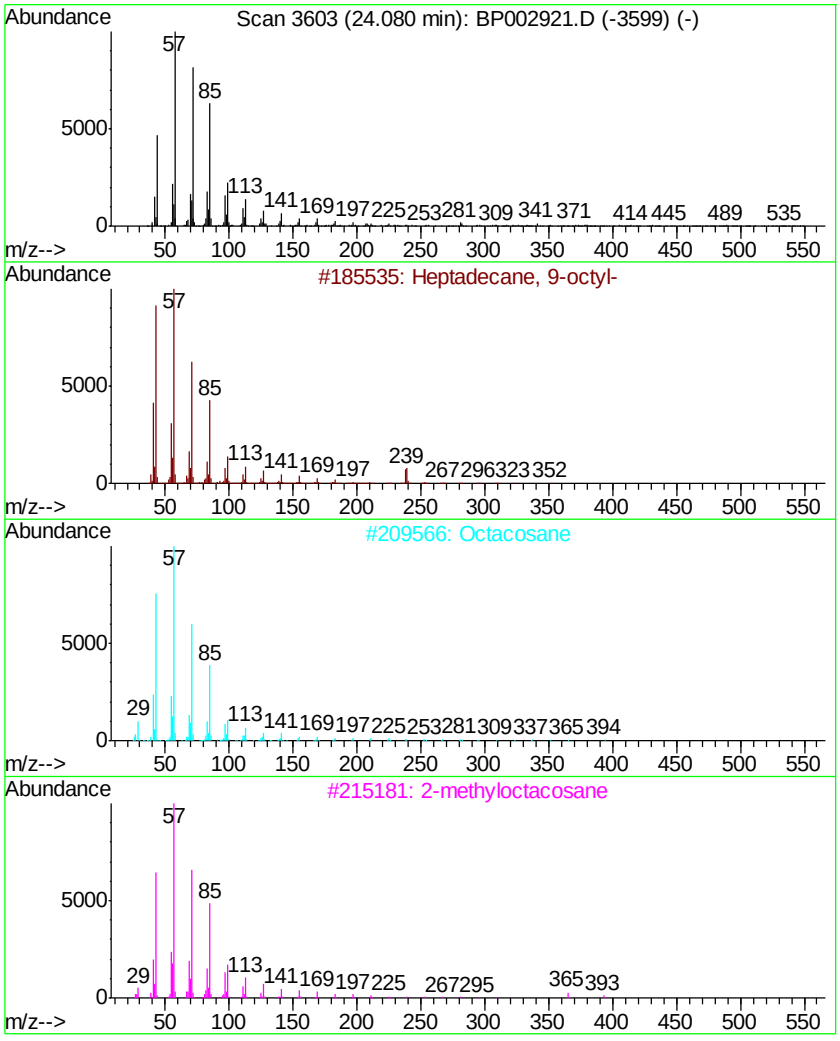
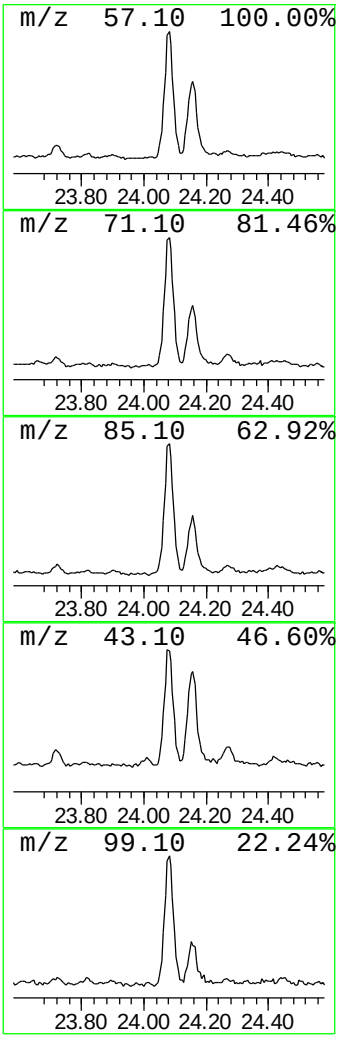
Peak Number 9 Heptadecane, 9-octyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	2.83 ng	789416	Perylene-d12	23.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	Octacosane	394	C28H58	000630-02-4	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Hexacosane	366	C26H54	000630-01-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080620\
Data File : BP002921.D
Acq On : 06 Aug 2020 15:49
Operator : CG/JU
Sample : L3547-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-012

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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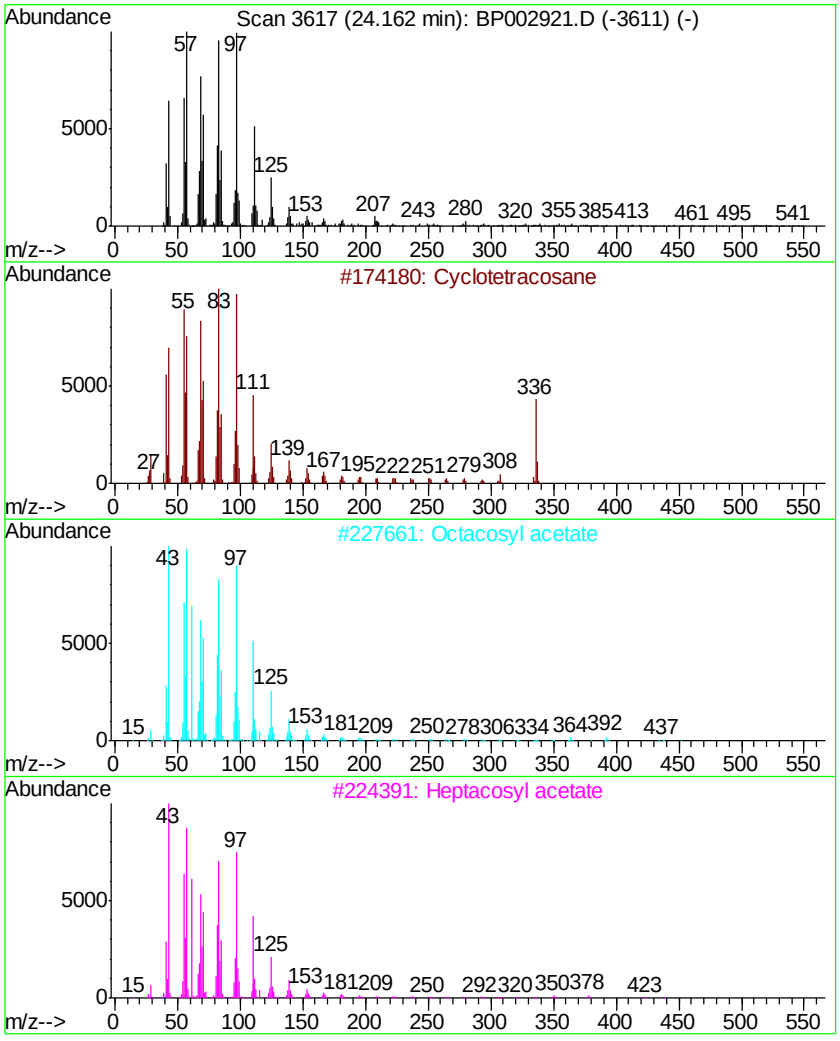
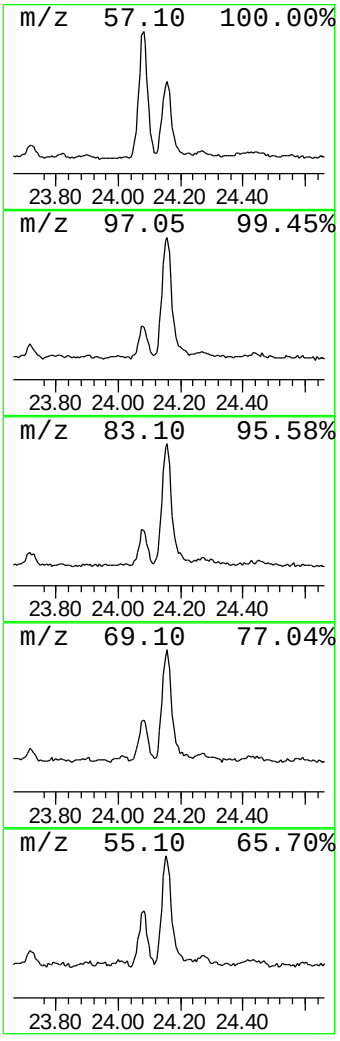
Peak Number 10 Cyclotetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.16	4.57 ng	1273740	Perylene-d12	23.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	95
2	Octacosyl acetate	452	C30H60O2	018206-97-8	95
3	Heptacosyl acetate	438	C29H58O2	1000351-78-2	95
4	Octacosanol	410	C28H58O	000557-61-9	95
5	1-Triacontanol	438	C30H62O	000593-50-0	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP080620\
Data File : BP002921.D
Acq On : 06 Aug 2020 15:49
Operator : CG/JU
Sample : L3547-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-012

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	24.2	ng	3014530	1	7.71	2492320	20.0
2,4,7,9-Tetrameth...	13.27	3.6	ng	930744	3	14.35	5199740	20.0
Phenanthrene, 2-m...	18.02	7.5	ng	2408840	4	17.10	6391400	20.0
4H-Cyclopenta[def...	18.16	3.1	ng	1006540	4	17.10	6391400	20.0
Phenanthrene, 1,7...	18.86	2.5	ng	806904	4	17.10	6391400	20.0
Cyclohexadecane	20.93	8.1	ng	4560240	5	21.19	11251600	20.0
Z-12-Pentacosene	21.82	4.2	ng	2374760	5	21.19	11251600	20.0
Benzo[e]pyrene	23.26	6.4	ng	1785920	6	23.45	5571950	20.0
Heptadecane, 9-oc...	24.08	2.8	ng	789416	6	23.45	5571950	20.0
Cyclotetracosane	24.16	4.6	ng	1273740	6	23.45	5571950	20.0