LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
Data File : BP003980.D
Acq On : 17 Nov 2020 17:54
Operator : CG/JU
Sample : L4746-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-111320

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-BP110320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP003980.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.928	3	7	19	rVB	640837	847573	35.26%	3.524%
2	3.081	28	33	42	rBV	96887	182712	7.60%	0.760%
3	3.175	44	49	55	rVB	42594	59290	2.47%	0.247%
4	5.805	488	496	503	rBV	254153	388307	16.15%	1.614%
5	7.446	766	775	782	rBV	232380	394725	16.42%	1.641%
6	7.922	851	856	867	rVB5	8892	24707	1.03%	0.103%
7	8.281	909	917	924	rBV	513656	823028	34.23%	3.422%
8	9.440	1103	1114	1121	rBV	152491	265466	11.04%	1.104%
9	11.110	1387	1398	1404	rBV	652963	1136112	47.26%	4.724%
10	11.157	1404	1406	1416	rVB	44101	73563	3.06%	0.306%
11	12.128	1565	1571	1575	rBV2	13219	25096	1.04%	0.104%
12	12.510	1629	1636	1640	rBV	23386	36110	1.50%	0.150%
13	12.745	1668	1676	1682	rVB	48492	83598	3.48%	0.348%
14	12.969	1705	1714	1721	rBV	52730	96365	4.01%	0.401%
15	13.445	1791	1795	1802	rVB2	23933	36517	1.52%	0.152%
16	13.522	1802	1808	1817	rBV	338520	526408	21.90%	2.189%
17	13.722	1837	1842	1851	rBV2	46640	90517	3.77%	0.376%
18	14.081	1895	1903	1909	rBV5	31627	88576	3.68%	0.368%
19	14.228	1922	1928	1933	rBV	60987	110013	4.58%	0.457%
20	14.275	1933	1936	1941	rVV	42320	61404	2.55%	0.255%
21	14.328	1941	1945	1951	rVV	49522	104931	4.36%	0.436%
22	14.375	1951	1953	1957	rVB	32322	38777	1.61%	0.161%
23	14.463	1963	1968	1971	rBV2	26884	41297	1.72%	0.172%
24	14.628	1991	1996	2001	rBV	64935	98068	4.08%	0.408%
25	14.781	2019	2022	2026	rVB	43183	49894	2.08%	0.207%
26	14.904	2037	2043	2049	rVV2	961865	1438850	59.85%	5.982%
27	14.963	2049	2053	2060	rVB	109344	164609	6.85%	0.684%
28	15.292	2104	2109	2115	rVB	79322	130778	5.44%	0.544%
29	15.369	2118	2122	2126	rBV2	28847	37716	1.57%	0.157%
30	15.510	2142	2146	2152	rBV3	28984	47477	1.97%	0.197%
31	15.569	2152	2156	2161	rVB	22793	30684	1.28%	0.128%
32	15.722	2179	2182	2186	rVB2	61014	81467	3.39%	0.339%
33	15.939	2214	2219	2230	rVB	155604	248578	10.34%	1.034%
34	16.110	2244	2248	2249	rBV3	20623	26178	1.09%	0.109%
35	16.133	2250	2252	2259	rVB5	29544	49312	2.05%	0.205%
36	16.233	2266	2269	2274	rVB2	24752	39421	1.64%	0.164%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
Data File : BP003980.D
Acq On : 17 Nov 2020 17:54
Operator : CG/JU
Sample : L4746-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-111320

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-BP110320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.386	2290	2295	2301	rVB	239197	351978	14.64%	1.463%
38	16.580	2324	2328	2330	rBV	63506	77931	3.24%	0.324%
39	16.610	2330	2333	2339	rVB3	80749	120546	5.01%	0.501%
40	16.945	2383	2390	2394	rBV4	40613	84575	3.52%	0.352%
41	16.992	2395	2398	2404	rVB3	44203	60873	2.53%	0.253%
42	17.092	2412	2415	2420	rVB3	30786	43969	1.83%	0.183%
43	17.369	2458	2462	2467	rBV2	75448	100640	4.19%	0.418%
44	17.427	2468	2472	2474	rVV	54266	76349	3.18%	0.317%
45	17.457	2474	2477	2484	rVB	73530	108826	4.53%	0.452%
46	17.639	2502	2508	2511	rBV	1130763	1638223	68.14%	6.811%
47	17.680	2511	2515	2521	rVV	832931	1159136	48.22%	4.819%
48	17.769	2525	2530	2535	rVV	253041	353795	14.72%	1.471%
49	17.822	2536	2539	2545	rVB2	35942	67077	2.79%	0.279%
50	17.904	2550	2553	2559	rBV5	21375	41367	1.72%	0.172%
51	18.022	2570	2573	2578	rVB	59985	79931	3.32%	0.332%
52	18.098	2582	2586	2589	rBV	61339	70804	2.95%	0.294%
53	18.210	2601	2605	2612	rVB	48627	66324	2.76%	0.276%
54	18.345	2624	2628	2635	rBV2	36903	73049	3.04%	0.304%
55	18.486	2648	2652	2656	rBV	142246	195874	8.15%	0.814%
56	18.533	2656	2660	2665	rVB	202958	281812	11.72%	1.172%
57	18.610	2669	2673	2678	rBV	67572	94645	3.94%	0.394%
58	18.674	2678	2684	2688	rBV4	236393	448975	18.68%	1.867%
59	18.751	2694	2697	2704	rBV	80514	96367	4.01%	0.401%
60	18.869	2714	2717	2720	rVB2	37903	40533	1.69%	0.169%
61	18.951	2727	2731	2735	rBV2	98511	138967	5.78%	0.578%
62	19.192	2766	2772	2777	rBV2	74591	130109	5.41%	0.541%
63	19.245	2778	2781	2784	rBV	59263	65024	2.70%	0.270%
64	19.357	2795	2800	2804	rBV2	206724	338070	14.06%	1.406%
65	19.492	2820	2823	2824	rBV	45749	50758	2.11%	0.211%
66	19.616	2838	2844	2849	rBV	1077330	1447342	60.20%	6.018%
67	19.898	2890	2892	2894	rBV	83529	72066	3.00%	0.300%
68	19.933	2894	2898	2899	rVV	120923	154917	6.44%	0.644%
69	19.963	2899	2903	2911	rVB	1064944	1460589	60.75%	6.073%
70	20.033	2911	2915	2919	rBV	104459	148150	6.16%	0.616%
71	20.133	2928	2932	2938	rVB	639674	782614	32.55%	3.254%
72	20.410	2975	2979	2980	rBV2	187923	220250	9.16%	0.916%
73	20.433	2981	2983	2987	rVB	223217	233733	9.72%	0.972%
74	20.533	2997	3000	3003	rVB2	162763	182426	7.59%	0.758%
75	20.880	3056	3059	3063	rVB	164640	174850	7.27%	0.727%
76	21.327	3131	3135	3138	rBV2	228833	275902	11.48%	1.147%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
Data File : BP003980.D
Acq On : 17 Nov 2020 17:54
Operator : CG/JU
Sample : L4746-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-111320

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-BP110320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.674	3187	3194	3197	rBV2	1327801	2404066	100.00%	9.996%
78	21.710	3197	3200	3207	rVB	406423	533595	22.20%	2.219%
79	21.768	3208	3210	3214	rVB	144966	142149	5.91%	0.591%
80	24.157	3611	3616	3622	rVB	739315	1383944	57.57%	5.754%

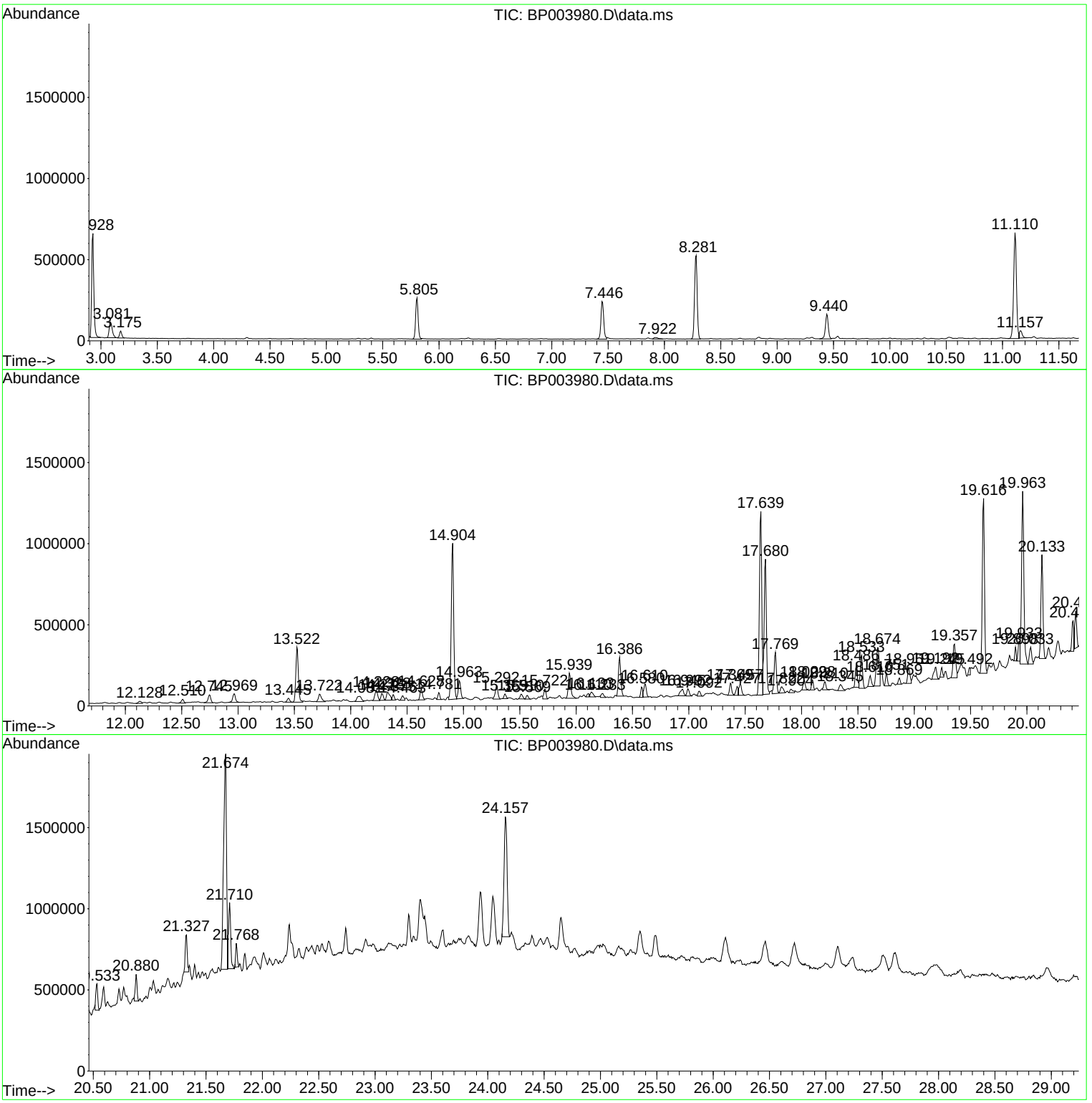
Sum of corrected areas: 24051244

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
Data File : BP003980.D
Acq On : 17 Nov 2020 17:54
Operator : CG/JU
Sample : L4746-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-02-111320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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\BP111720\
Data File : BP003980.D
Acq On : 17 Nov 2020 17:54
Operator : CG/JU
Sample : L4746-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-02-111320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

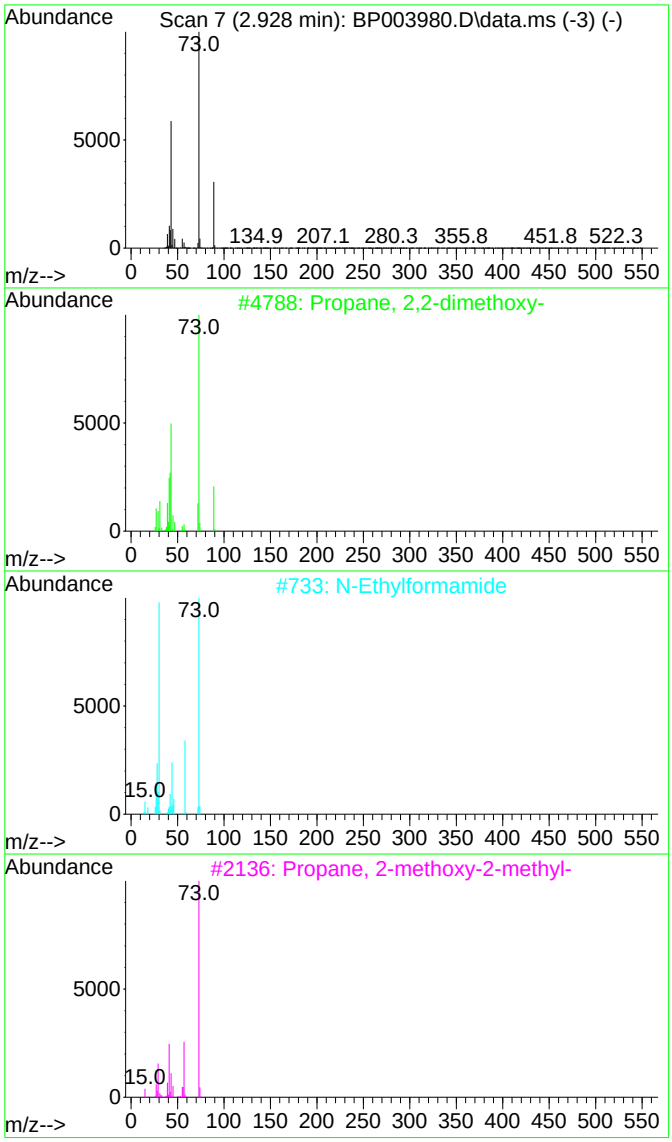
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

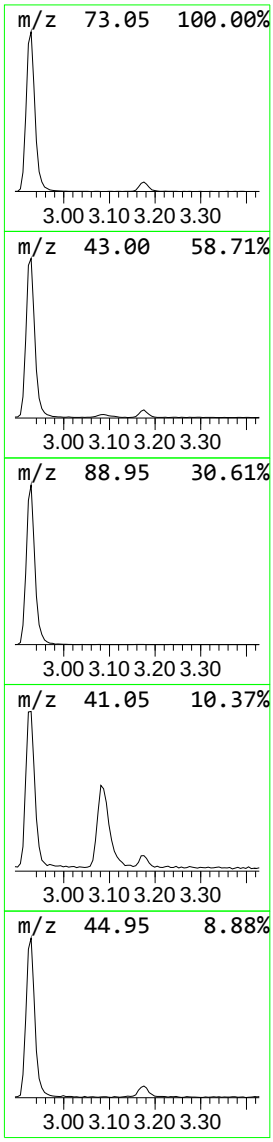
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.928	20.60 ng	847573	1,4-Dichlorobenzene-d4	8.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
Data File : BP003980.D
Acq On : 17 Nov 2020 17:54
Operator : CG/JU
Sample : L4746-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-111320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

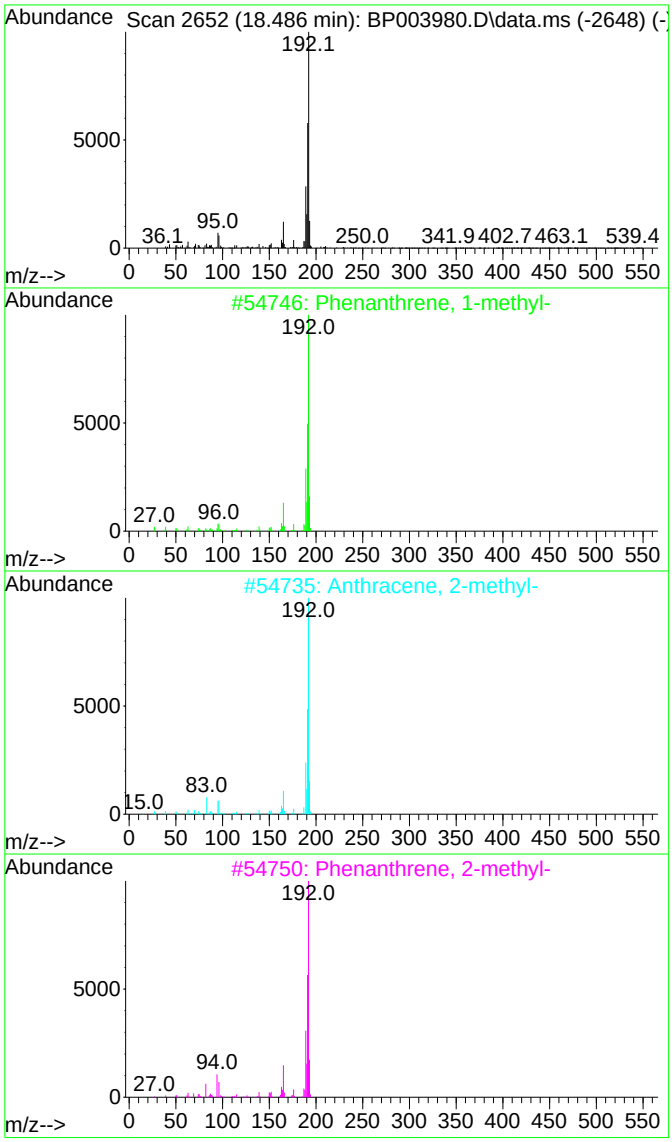
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

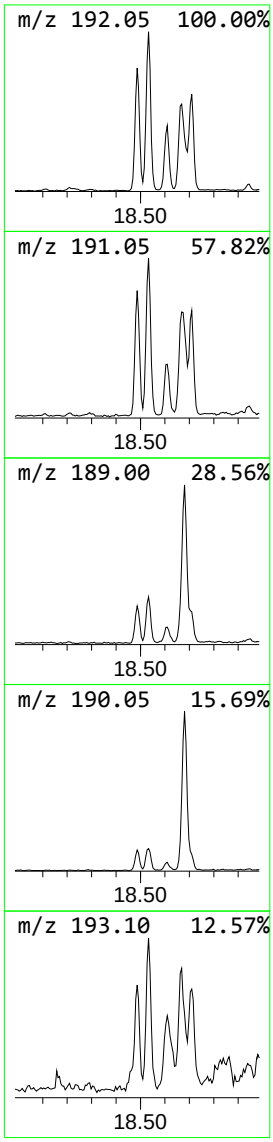
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.486	2.39 ng	195874	Phenanthrene-d10	17.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
Data File : BP003980.D
Acq On : 17 Nov 2020 17:54
Operator : CG/JU
Sample : L4746-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-02-111320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

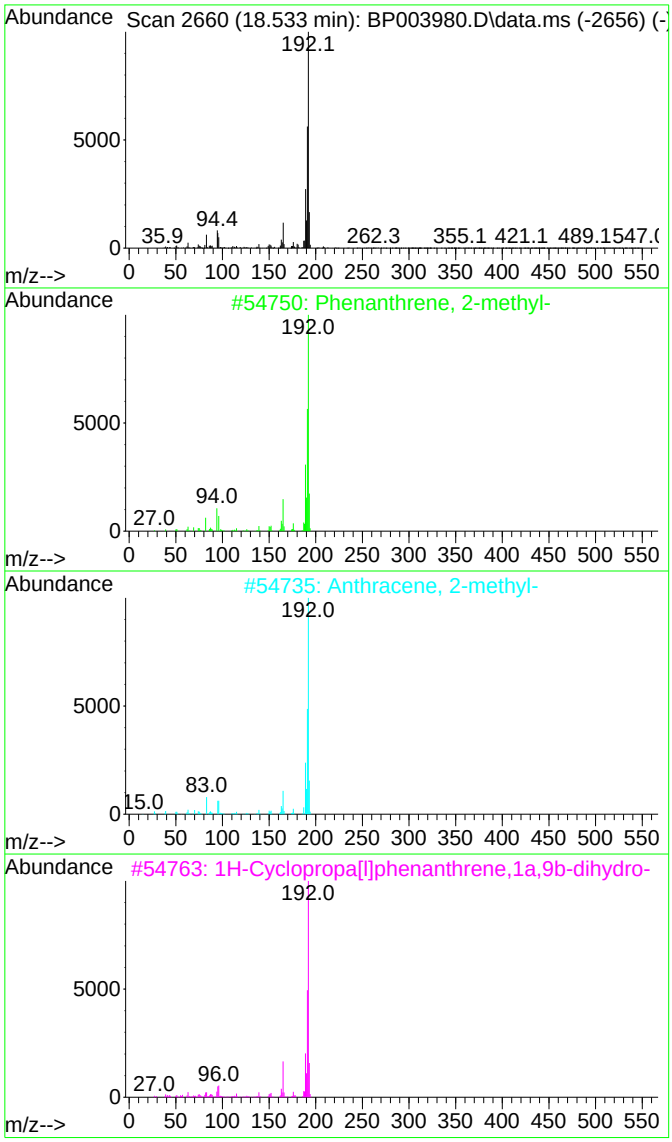
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

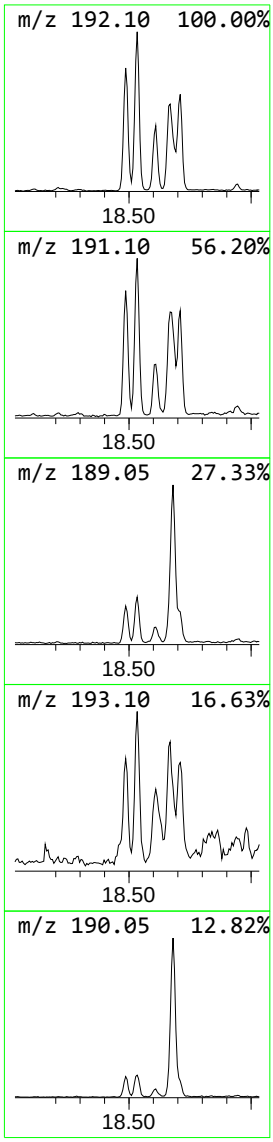
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.533	3.44 ng	281812	Phenanthrene-d10	17.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
Data File : BP003980.D
Acq On : 17 Nov 2020 17:54
Operator : CG/JU
Sample : L4746-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-111320

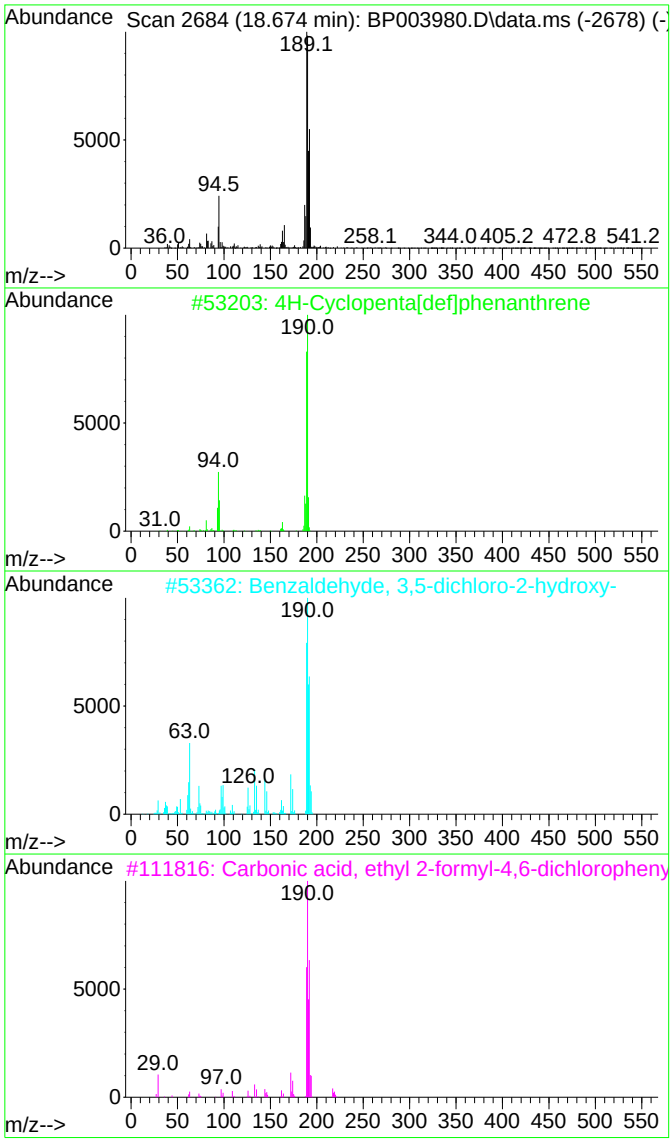
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

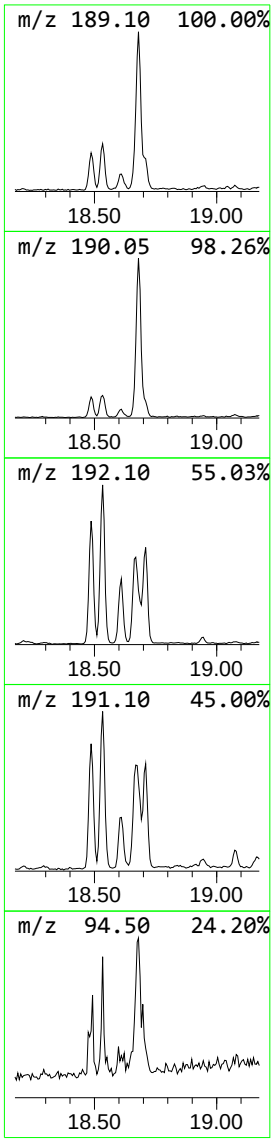
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.674	5.48 ng	448975	Phenanthrene-d10	17.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
Data File : BP003980.D
Acq On : 17 Nov 2020 17:54
Operator : CG/JU
Sample : L4746-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-02-111320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

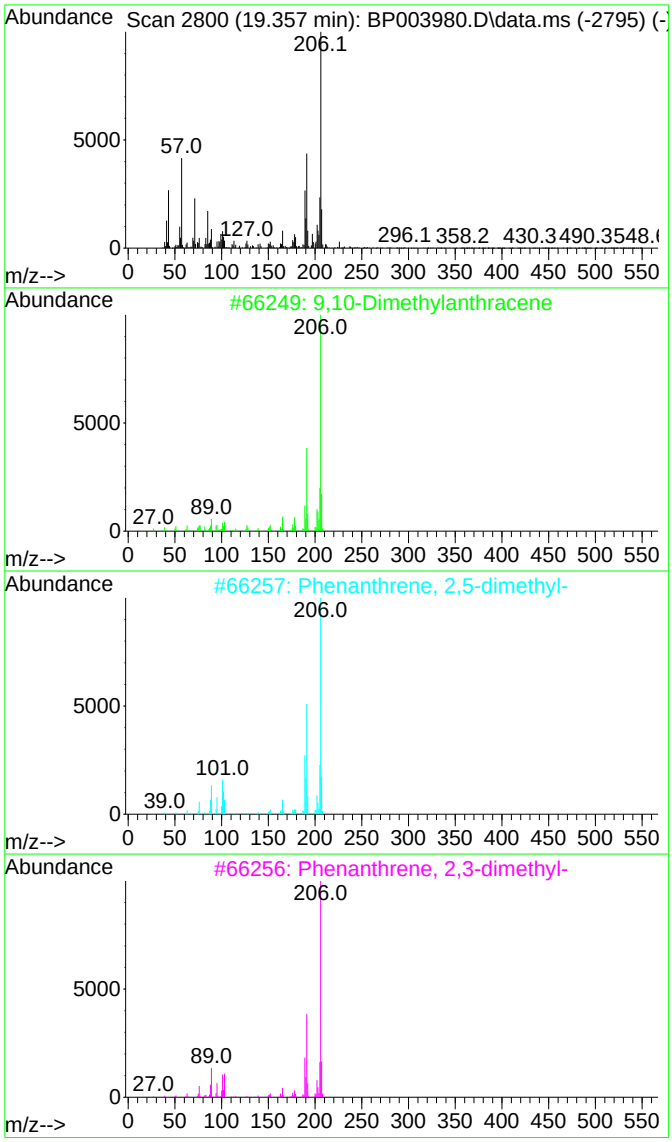
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

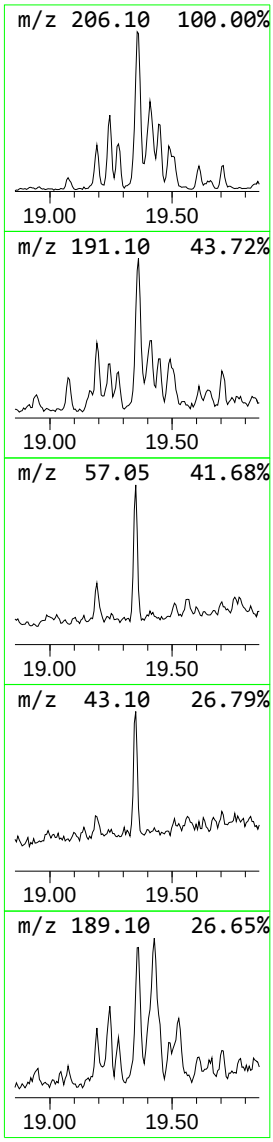
****

Peak Number 7 9,10-Dimethylanthracene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.357	4.13 ng	338070	Phenanthrene-d10	17.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
Data File : BP003980.D
Acq On : 17 Nov 2020 17:54
Operator : CG/JU
Sample : L4746-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-111320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

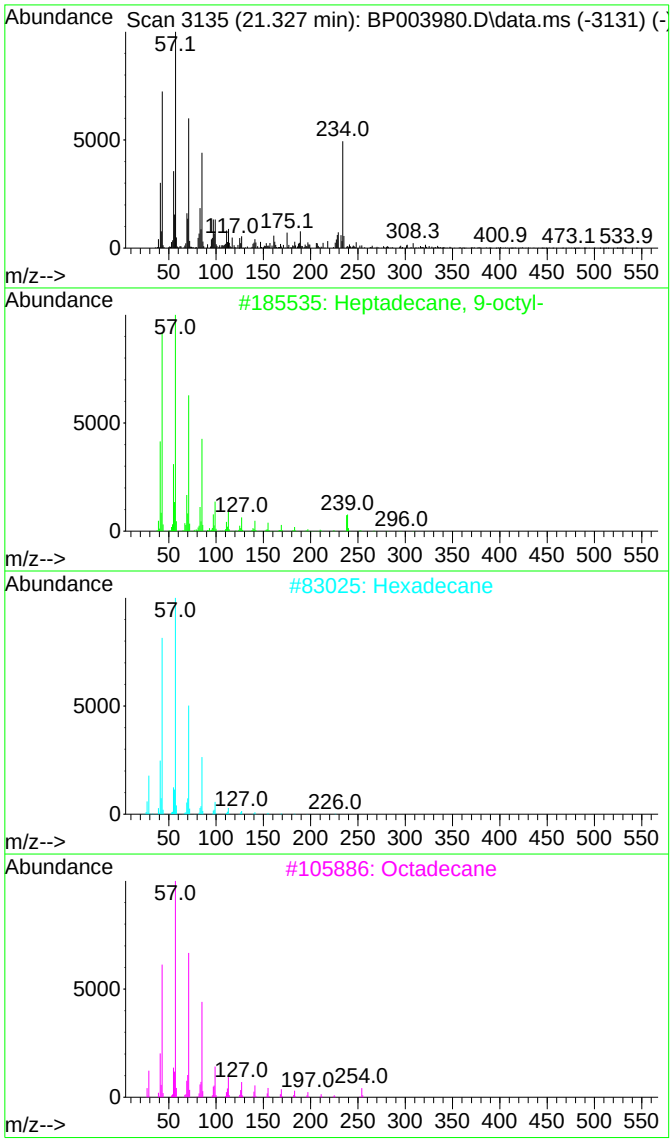
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

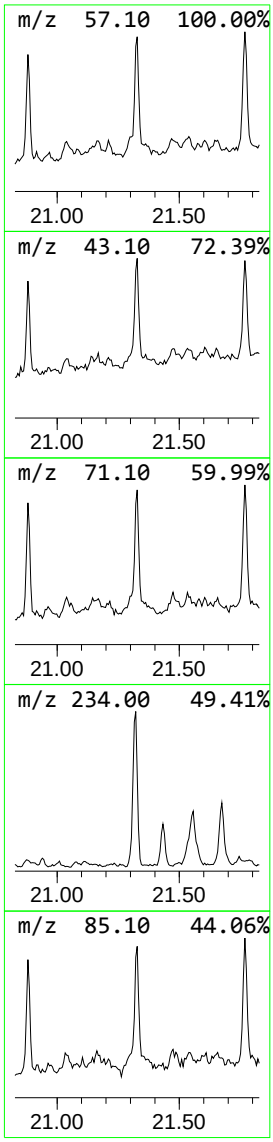
****

Peak Number 8 Heptadecane, 9-octyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.327	2.30 ng	275902	Chrysene-d12	21.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	96
2	Hexadecane	226	C16H34	000544-76-3	93
3	Octadecane	254	C18H38	000593-45-3	83
4	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	78
5	Tritetracontane	605	C43H88	007098-21-7	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
Data File : BP003980.D
Acq On : 17 Nov 2020 17:54
Operator : CG/JU
Sample : L4746-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-111320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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
Propane, 2,2-di...	2.928	20.6	ng	847573	1	8.281	823028	20.0
Phenanthrene, 1...	18.486	2.4	ng	195874	4	17.639	1638220	20.0
Phenanthrene, 2...	18.533	3.4	ng	281812	4	17.639	1638220	20.0
4H-Cyclopenta[d...	18.674	5.5	ng	448975	4	17.639	1638220	20.0
9,10-Dimethylan...	19.357	4.1	ng	338070	4	17.639	1638220	20.0
Heptadecane, 9-...	21.327	2.3	ng	275902	5	21.674	2404070	20.0